Neukatalogisate ZBSport 12.12.2019

Verzeichnis von 3249 Neukatalogisaten
mit Erscheinungsjahr > 1999


Ein Dokument der Zentralbibliothek der Sportwissenschaften der Deutschen Sporthochschule Köln (ZBSport).
Zusammengebaut von Florian Seiffert (mail: seiffert@dshs-koeln.de, tel: 0221 3260-4982) mit Aleph 500, perl, mysql
und LaTeX.
Dieses Dokument steht unter der CC0-Lizenz.
G., Ahmed R.: *Diabetes and Its Complications*  
English. Inhaltliche Zusammenfassung: Diabetes is a complex, progressive disease, which is accompanied by several complications. It is listed among the most common endocrine disorders and a global metabolic epidemic disease. This book focuses on the recent progress in diabetes research worldwide. It has been written by extensively acknowledged experts, with each chapter providing a unique data on developing features of diabetes. It covers the interactions between diabetes and several disorders. Also, it suggests some treatments for this disease offering us hope in prevention and successful improvement.

⇒ Ausführliche Angaben: HT020308647

G., Ahmed R.: *Endocrine Disruptors*  
English. Inhaltliche Zusammenfassung: The World Health Organization estimated that each year there are more than 13 million deaths caused by environmental causes. Exposure to endocrine disrupting chemicals (EDCs) during development may cause long-term health outcomes. This book, Endocrine Disruptors, includes eight chapters that illustrate potential endocrine-disrupting activities in water, sediments, crops, animals, and humans. This book assesses the relationship between the EDCs and development, reproduction, or obesity. Finally, detection of the levels of EDCs by autobioluminescent cellular bioreporters is discussed. Scientists, physicians, neuroendocrinologists, neurotoxicologists, and lay readers who have engaged in EDC studies or practice will discover that this book offers insight into all areas of EDC research.

⇒ Ausführliche Angaben: HT020309041

G., Ahmed R.: *Placenta*  
English. Inhaltliche Zusammenfassung: The placenta, amniotic fluid, umbilical cord, and cord blood can often be classified as pregnancy-specific biological substances with enormous applications in regenerative medicine. The Placenta includes eight chapters that provide readers with access to a range of information from basic mechanisms and assays to cutting-edge research investigating concerns for normal placentation. The book presents a comprehensive, translational look at all aspects of abnormal placentation and its effects on maternofetal axis. It follows the relationship between placenta-derived mesenchymal stromal cells and modulation of immunity, gene expression, and inflammation. It also covers additional information concerning the management of placental complications, placental therapy, and biological roles of antinflammation and regeneration. The Placenta will be of interest to scientists, embryologists, physicians, and lay readers wishing to review recent developments in the field of the placenta.

⇒ Ausführliche Angaben: HT020309132

H.P.S., Abdul Khalil: *Bamboo - Current and Future Prospects*  
English. Inhaltliche Zusammenfassung: The idea of information on research and development carried out on bamboo has emerged with the paradigm shift in the area of utilization of natural fibres in various industries. Technological advancements in bamboo sustenance have involved chemical and physical modification that has led to products of high-performance index. This book provides the latest research developments in many aspects of bamboo process, manufacture and commercialization potential. Apart from the interest to facilitate a complete assessment of bamboo as well as assist readers in achieving their goals, this book is intended to be of value to both fundamental research and also to practicing scientists and will serve as a useful reference for researchers, agricultural practitioners and organizations involved in the bamboo-based industry.

⇒ Ausführliche Angaben: HT020308739

P., R. Mauricio Barria: *Selected Topics in Breastfeeding*  
English. Inhaltliche Zusammenfassung: Breastfeeding is a cornerstone of child nutrition and the growth and development of children. In addition, it generates other multiple benefits for both child and mother. Consequently, it has been recognized as a strategy of promotion and protection of the main health for different countries across the world. However, despite the strong evidence of its benefits and the public health policies being implemented to promote breastfeeding, the prevalence of exclusive breastfeeding at the sixth month does not reach the recommendations of many countries. This book intends to provide the reader with an overview of selected topics on current state-of-the-art breastfeeding in different situations and conditions. Specialists in the field of breastfeeding from different countries have developed these chapters and through them they share part of their experience.

⇒ Ausführliche Angaben: HT020309166

R. Piergiovanni, Angela / Herrero-Martínez, José Manuel: Analysis of Peptides and Proteins by Electrophoretic Techniques

eng. Inhaltliche Zusammenfassung: The characterization of peptides and proteins is central to understanding their function and expression in biological matrices. Moreover, these macromolecules are important biomarkers of many human diseases. In recent years, the performance of separation techniques based on electromigration have significantly increased. The development of microdevices has reduced sample consumption and waste production while high-sensitivity detectors, such as mass spectrometry (MS) or laser-induced fluorescence (LIF), have significantly improved with regards to separation efficiency and detection limits. All of these advancements have led to appreciably enlarged fields of application. Nowadays, a multitude of studies using separation techniques based on electromigration to study proteins and peptides from numerous real matrices are available in the literature. This Special Issue covers the most recent knowledge and advances in the study of peptides and proteins using several electrophoresis techniques, as well as the characterization of relevant proteins and peptides in application areas such as clinical studies, functional foods, and toxicology.

⇒ Ausführliche Angaben: HT020307409

Güll / elikb / ř: Gas Chromatography in Plant Science, Wine Technology, Toxicology and Some Specific Applications

English. Inhaltliche Zusammenfassung: The aim of this book is to describe the fundamental aspects and details of certain gas chromatography applications in Plant Science, Wine technology, Toxicology and the other specific disciplines that are currently being researched. The very best gas chromatography experts have been chosen as authors in each area. The individual chapter has been written to be self-contained so that readers may peruse particular topics but can pursue the other chapters in the each section to gain more insight about different gas chromatography applications in the same research field. This book will surely be useful to gas chromatography users who are desirous of perfecting themselves in one of the important branch of analytical chemistry.

⇒ Ausführliche Angaben: HT020307864

Aretz, Veronika: Tauchen, Schwimmen lernen

⇒ Ein Buch - Magazin: 2019 / 2856

⇒ 2 Band von: Aretz, Veronika: Schwimmen lernen unlaminiert; Arbeitskarten zum Selbslaminieren für den Einsatz in der Schwimmhalle. 2013

⇒ Ausführliche Angaben: HT020314993

978-953-51-3967-6: Evolutionary Physiology and Biochemistry - Advances and Perspectives
English. Inhaltliche Zusammenfassung: In 2016, it was 60 years since the eminent Soviet researcher, a disciple and a successor of Ivan Pavlov, Leon Orbeli had proclaimed the birth of a new branch of physiology, evolutionary physiology. In the same year, his ideas were embodied in the foundation in Leningrad, now Saint Petersburg, of the present Sechenov Institute of Evolutionary Physiology and Biochemistry of the Russian Academy of Sciences. This anniversary book includes the selected works carried out recently by his followers at the same institute. While addressing some hot aspects of evolutionary physiology and biochemistry, they demonstrate that this branch of physiology really represents a discipline in its own right.
⇒ Ausführliche Angaben: HT020308581

Abadie, Marc J.M.: High Performance Polymers - Polyimides Based - From Chemistry to Applications
English. Inhaltliche Zusammenfassung: The feature of polyimides and other heterocyclic polymers are now well-established and used for long term temperature durability in the range of 250 - 350°C. This book will review synthesis, mechanisms, ultimate properties, physico-chemical properties, processing and applications of such high performance materials needed in advanced technologies. It presents interdisciplinary papers on the state of knowledge of each topic under consideration through a combination of overviews and original unpublished research. The volume contains eleven chapters divided into three sections: Chemistry; Chemical and Physical Properties; and Applications.
⇒ Ausführliche Angaben: HT020307936

Abs, Peter: The Symbolic Order
⇒ Ausführliche Angaben: HT020310087

Abdalla, Rifaat: Trends in Geomatics - An Earth Science Perspective
English. Inhaltliche Zusammenfassung: The applications of geomatics technology in its broader context have resulted in significant progress in the field of earth science. This book provides brief coverage on some trends in geomatics technology as it relates to earth scientists. The development in geomatics, whether GIS, remote sensing, GPS or photogrammetry, can be seen from trends in the applications of Big Data, Smart City, Internet of Things (IoT), the use of augmented reality and utilization of unmanned aerial vehicles (UAVs) and in the impact of machine learning and AI on geomatics.
⇒ Ausführliche Angaben: HT020309254

Abdel-Raouf, Manar El-Sayed: Crude Oil Emulsions - Composition Stability and Characterization
English. Inhaltliche Zusammenfassung: Petroleum black gold is the most important nonrenewable source of energy. It is a complex mixture of different phases and components. Refining it provides a vast number of organic compounds, all of them of which are used to produce petroleum based products for numerous applications, from industry to medicine, from clothing to food industries. We can find petroleum based products all around us. This book deals with some important topics related to petroleum such as its chemical composition and stability. It is well-known that the chemical composition of crude oil differs according to the site of production, and its grade varies from waxy to asphaltitic crude. Both of them are refined to produce different products. The stability of crude oil on aging and transportation is governed by several factors and these factors are included within this book. Some new technologies for petroleum characterization are also introduced. This book is aimed at researchers, chemical engineers and people working within the petroleum industry.
Abdeldayem, Hesham Mohamed: Updates in Gallbladder Diseases
English. Inhaltliche Zusammenfassung: The basic researches and clinical studies on gallbladder diseases continue to advance at a rapid pace. The chapters in this book were written by recognized medical experts and researchers from North America, Europe, Asia, and Africa and aim to provide the state-of-the-art reviews on the current knowledge and advances in research and management of gallbladder diseases. This book includes the most recent advances in that field, particularly, the immunogenetic basis of cholecystitis, noncoding RNAs in gallbladder cancer, the diagnostic pitfalls and timing of management of acute cholecystitis, the incidental gallbladder cancer, the surgical management of gallbladder cancer, laparoscopic cholecystectomy in special conditions, and robot-assisted cholecystectomy.

Abdeldayem, Hesham Mohamed: Updates in Liver Cancer
English. Inhaltliche Zusammenfassung: Liver cancers result in considerable amount of financial and social burden. On the other hand, researches and clinical studies related to liver cancers continue to advance at a rapid pace. The chapters in this book provide state-of-the-art reviews on the current knowledge and advances in research and management of liver cancers. It includes the most recent advances in that field, particularly, hepatocarcinogenesis and the potential role of intestinal microbiota, nonalcoholic steatohepatitis, cancer stem cells, aldehyde dehydrogenase-1, and hepatitis B virus. This book also discusses the methods of diagnosis of HCC, the minimally invasive therapies for liver cancers, living donor liver transplantation for HCC, surgical management of liver metastases from colorectal cancers, and assessment and optimization for the future liver remnant.

Abdeldayem, Hesham: Topics in the Surgery of the Biliary Tree
English. Inhaltliche Zusammenfassung: The basic researches and clinical studies on biliary tree diseases continue to advance at a rapid pace. The articles in this book were written by recognized medical experts and researchers from North America, Europe, Asia, and Africa and aim to provide state-of-the-art reviews on the current knowledge and advances in the surgery of the biliary tree. It includes the most recent advances in that field, particularly cholangiocarcinoma, biliary tree injuries, and biliary cysts.

Abduljabbar, Hassan: Complications of Pregnancy
English. Inhaltliche Zusammenfassung: Complications of pregnancy are health issues that are caused by pregnancy itself. These can happen during or after delivery (obstetric labor complications or puerperal disorders). Complications can be classified as mild, severe, immediate, or long-term health problems. Complications of pregnancy can cause maternal morbidity and mortality. The most common causes of maternal mortality are maternal bleeding, maternal sepsis, hypertensive diseases, obstructed labor, and pregnancy with the consequence of abortion, which includes miscarriage, ectopic pregnancy, and medical abortion. Health problems can develop during pregnancy, which may be directly related to the pregnancy itself or non-obstetric disorders, such as pregnancy complicated by medical diseases. One of the main complications is obstetric abnormalities that increase the risk of morbidity or mortality for the pregnant woman and her fetus. High-risk pregnancy is an indicator of a maternal complication during pregnancy.

Abduljabbar, Hassan Salah: Obstetrics
Obstetrics is the field that deals with the well-being of the pregnant women as well as the labor and delivery of a healthy baby. Obstetricians work closely as neonatologists who deal with the care of the newborn baby to reduce chances of morbidity and mortality. The objective of obstetrics is to deal with diagnosis and treatment of pregnancy, antenatal care, and prevention of complication, collaborating with midwives to monitor pregnant women in labor, facilitating delivery and performing assisted procedures if needed as episiotomy, forceps delivery, vacuum extraction, and Cesarean section if indicated.

⇒ Ausführliche Angaben: HT020308530

Abdulkhair, Waleed Mohamed Hussain: The Yeast Role in Medical Applications

English. Inhaltliche Zusammenfassung: Biotechnology including medical applications depends on the yeast as biofermenter to produce many industrial products including pharmaceutical ones. Although yeasts are first known as useful microorganisms, some of them are identified as pathogens for plants, animals, and humans. Due to the simple cellular structure of the yeast among other microbial groups, it is used in the earliest investigations to determine the features of eukaryotic molecular biology, cell biology, and physiology. The economic income of some countries mainly depends on yeast for producing the economic products, such as France that depends on yeast for wine production. This book throws light on yeast and its important role in the medical applications.

⇒ Ausführliche Angaben: HT020308544

Abdulrauf, Lukman Bola: Aflatoxin - Control, Analysis, Detection and Health Risks

English. Inhaltliche Zusammenfassung: Aflatoxins are a group of highly toxic and carcinogenic substances, which occur naturally, and can be found in food substances. Aflatoxins are secondary metabolites of certain strains of the fungi Aspergillus flavus and A. parasiticus and the less common A. nomius. Aflatoxins B1, B2, G1, and G2 are the most important members, which can be categorized into two groups according to the chemical structure. As a result of the adverse health effects of mycotoxins, their levels have been strictly regulated especially in food and feed samples. Therefore, their accurate identification and determination remain a Herculean task due to their presence in complex food matrices. The great public concern and the strict legislation incited the development of reliable, specific, selective, and sensitive analytical methods for pesticide monitoring that are discussed in this book.

⇒ Ausführliche Angaben: HT020308403

Abdurakhmonov, Ibrokhim: Genotyping

English. Inhaltliche Zusammenfassung: Genotyping, a methodological process of detecting the allelic content of loci in a given genome, helps to reveal differences between and among individuals of comparisons. It helps in diagnostics and treatment of diseases, molecular breeding of agricultural crops, barcoding of unique biological materials, solving forensics issues, and/or controlling the spread of pathogens by tracing the origin of outbreaks. This Genotyping book aims to provide readers with an overview of the basics of genotyping process, available approaches and protocols, as well as novel, low-cost, high-throughput whole-genome genotyping tools and genotype data handling with the examples of genotyping applications in some organisms.

⇒ Ausführliche Angaben: HT020308783

Abdurakhmonov, Ibrokhim Y.: Bioinformatics in the Era of Post Genomics and Big Data

English. Inhaltliche Zusammenfassung: Bioinformatics has evolved significantly in the era of
post genomics and big data. Huge advancements were made toward storing, handling, mining, comparing, extracting, clustering and analysis as well as visualization of big macromolecular data using novel computational approaches, machine and deep learning methods, and web-based server tools. There are extensively ongoing world-wide efforts to build the resources for regional hosting, organized and structured access and improving the pre-existing bioinformatics tools to efficiently and meaningfully analyze day-to-day increasing big data. This book intends to provide the reader with updates and progress on genomic data analysis, data modeling and network-based system tools.

⇒ Ausführliche Angaben: HT020308784

Abdurakhmonov, Ibrokhim Y.: Bioinformatics - Updated Features and Applications
English. Inhaltliche Zusammenfassung: An interdisciplinary bioinformatics science aims to develop methodology and analysis tools to explore large-volume of biological data using conventional and modern computer science, statistics, and mathematics, as well as pattern recognition, reconstruction, machine learning, simulation and iterative approaches, molecular modeling, folding, networking, and artificial intelligence. Written by international team of life scientists, this Bioinformatics book provides some updates on bioinformatics methods, resources, approaches, and genome analysis tools useful for molecular sciences, medicine and drug designs, as well as plant sciences and agriculture. I trust chapters of this book should provide advanced knowledge for university students, life science researchers, and interested readers on some latest developments in the bioinformatics field.

⇒ Ausführliche Angaben: HT020308026

Abdurakhmonov, Ibrokhim Y.: Cotton Research
English. Inhaltliche Zusammenfassung: Cotton is the most important natural fiber crop of our planet, which provides humanity with cloth and vegetable oil, medicinal compounds, metal and hull for livestock feed, energy sources, organic matter to enrich soil, and industrial lubricants. Therefore, cotton research to improve sustainable cotton production worldwide is the vital task of scientific community to address the increasing demands and needs for cotton products. This Cotton Research book presents readers updated information and advances in current cotton science investigations. Chapters of this book provide the latest developments on cotton research and cover topics on cotton research infrastructure, physiology and agronomy, breeding and genetics, modern biotechnology, genomics and molecular breeding, crop management, and cotton-based product and textile researches.

⇒ Ausführliche Angaben: HT020308077

Abdurakhmonov, Ibrokhim Y.: Microsatellite Markers
English. Inhaltliche Zusammenfassung: Microsatellite or so-called simple sequence repeat (SSR) markers have been one of the most reliable molecular markers derived from the DNA molecule, which were widely and successfully used for more than 25 years in the genetic studies of environmental, agricultural, and biomedical sciences. The objective of this Microsatellite Markers book is to rehighlight and provide some updates on previous and recent utilization of microsatellite markers for various applications in agriculture and medicine, which void emerging opinion on full death of microsatellites as useful genetic markers. Chapters presented here demonstrate the future benefit of SSRs in many genetic studies as well as disease diagnosis and prognosis.

⇒ Ausführliche Angaben: HT020308094

Abdurakhmonov, Ibrokhim Y.: Phylogenetics
English. Inhaltliche Zusammenfassung: Phylogenetics aims to study the evolutionary relatedness of living organisms in our planet. Its application is extended to the key areas such as evolution, classification and taxonomy of living organisms; ecology, diversity, and conservation biology of agrobionecosis; monitoring of pathogen spread, outbreaks and source of transmissions, forensic analyses, et cetera. Historically, phylogenetics studies were prevalent mainly based on morphological features of species that helped to classify the Tree of Life on Earth. Modern phylogenetics studies, however, rely more heavily on DNA sequences. In this Phylogenetics book, we aimed to present readers the latest developments in phylogenetics studies that highlight multi-kingdom systems, reticulated evolution and conservation biology of living organisms as well as omics-based phylogenetics advances.

⇒ Ausführliche Angaben: HT020308417

Abdurakhmonov, Ibrokhim Y.: Plant Breeding

English. Inhaltliche Zusammenfassung: Modern plant breeding is considered a discipline originating from the science of genetics. It is a complex subject, involving the use of many interdisciplinary modern sciences and technologies that became art, science and business. Revolutionary developments in plant genetics and genomics and coupling plant omics achievements with advances on computer science and informatics, as well as laboratory robotics further resulted in unprecedented developments in modern plant breeding, enriching the traditional breeding practices with precise, fast, efficient and cost-effective breeding tools and approaches. The objective of this Plant Breeding book is to present some of the recent advances of 21st century plant breeding, exemplifying novel views, approaches, research efforts, achievements, challenges and perspectives in breeding of some crop species. The book chapters have presented the latest advances and comprehensive information on selected topics that will enhance the readers knowledge of contemporary plant breeding.

⇒ Ausführliche Angaben: HT020307824

Abdurakhmonov, Ibrokhim Y.: Proteomics Technologies and Applications

English. Inhaltliche Zusammenfassung: Proteomics Technologies and Applications reviews and describes the nature and application of molecules with proteins or peptides, and elucidates and predicts the possible molecular and physiological causes related to changing proteomic profiles. Chapters target various methods and tools available for analysis, detection, separation, quantification, and localization of cell proteomes of a biological system, which are helpful as biomarkers for various disease prognoses and diagnoses.

⇒ Ausführliche Angaben: HT020309505

Aberlénc, Henri-Pierre / Silvie, Pierre / Poutouli, Wiyao: Hétéroptères phytophages et prédateurs d’Afrique de l’Ouest

French. Inhaltliche Zusammenfassung: Specific studies on the biodiversity or the implementation of the concept of integrated farming imply the need to know how to identify the insect pests or natural enemies. In some countries, growing transgenic, caterpillar-resistant plants, like cotton or corn, has reduced the use of insecticide treatments to control these pests. Some families of bugs like the Pentatomidae and the Miridae have thus become major pests. It is therefore important to improve our understanding of these pests sometimes considered as secondary. People working in the field will find in this book a brief description of the main species of phytophage and predatory bugs found in West Africa, principally in cotton, corn, cowpea (Vigna unguiculata), soy bean and sorghum.

⇒ Ausführliche Angaben: HT020307530

Abreu, Gonzalo Emiliano Aranda / Aguilar, María Elena Hernández: Neurons - Dendrites and Axons

English. Inhaltliche Zusammenfassung: The brain is the most complex structure that exists
in the universe, consisting of neurons whose function is to receive information through dendrites and transmit information through the axon. In neurosciences one of the main problems that exists are neurodegenerative diseases for which until now there has been no cure. This book is mainly focused on updating the information on the signaling process carried out in the development of axons. Topics such as axon guidance and its interaction with the extracellular matrix are discussed. Other important topics are semaphorins and their relationship with neurodegenerative diseases, and the neurobiology of the gap junction in the dorsal root ganglion. Finally, the topic of bioelectrical interfaces destined to regenerate damaged nerves is covered. The information in this book will be very important both for researchers who work with these issues and doctoral students who are involved in neuroscience.

⇒ Ausführliche Angaben: HT020309258

**Abreu, Gonzalo Emiliano Aranda: Mechanisms of Neuroinflammation**
English. Inhaltsliche Zusammenfassung: Mechanisms of Neuroinflammation book explains how the neuronal cells become swollen at the moment of the blood-brain barrier disruption and how they lose their immunological isolation. A cascade of cytokines and immune cells from the bloodstream enters the nervous system, inflaming neurons and activating the glia. This produces a neuroinflammatory process that can generate different neurodegenerative diseases. Better understanding of mechanisms that are activated at the time when the damage to the brain occurs could lead to the development of suitable therapies that revert the neuronal inflammation and thus prevent further damage to the nervous system.

⇒ Ausführliche Angaben: HT020308392

**Abrol, Pankaj: Thrombocytopenia**
English. Inhaltsliche Zusammenfassung: The book Thrombocytopenia certainly raises some important issues in its pathogenesis and management. The authors have done a lot of hard work to write state-of-the-art chapters. Each and every chapter is peer-reviewed, evidence-based, and remarkably excellent. Some of the causes of thrombocytopenia are well explained in textbooks, but the topics included in this book are not usually so well described. The chapters are written in such a manner so as to stimulate and keep the reader well-informed. Such an approach is certainly beneficial when aiming to motivate discussion, interaction, innovation, and research. Chapters like Interferon-Induced Thrombotic Microangiopathy have been included with the aim to help in understanding the immune pathogenesis of thrombocytopenia. Others have also been selected to keep an eye on the future.

⇒ Ausführliche Angaben: HT020308605

**Abubakar, Muhammad: Ruminants - The Husbandry, Economic and Health Aspects**
English. Inhaltsliche Zusammenfassung: It is very essential to understand the recent advances in ruminant science to recognize and control diseases and disorders in these animals. Our book, Ruminants - The Husbandry, Economic and Health Aspects, provides a concise introductory chapter and details about the main aspects of ruminants science and production. This is the first edition of the book, so it covers the introductory level of topics, which are written specifically for veterinary students, classroom use, and practitioners who require more knowledge of dairy animal health and production. The book covers an introductory chapter and sections on husbandry and economics as well as animal health. Each book section comprises chapters from renowned experts from the area and gives readers a unique opportunity to explore the topic.

⇒ Ausführliche Angaben: HT020308661

**Abubakar, Muhammad: Trends and Advances in Veterinary Genetics**
English. Inhaltliche Zusammenfassung: It is very important to understand the recent advances and basic concepts of veterinary genetics to explore the possibilities for control of diseases in animals. They are also significant for enhancing animal production and reproduction. Our book Trends and Advances in Veterinary Genetics provides a concise introduction and details to the aspects of genetics relevant to animal science and production. This is the first edition of the book so it covers the introductory level of topics which are ideal for veterinary students, classroom use, and practitioners who require more guidance with genetics. The book coverage includes the following main sections: Biotechnology and Reproductive Genetics, Advances in Embryonic Genetics, Conservation and Basic Genetics, and Veterinary Genetics and Future. Each book section comprises two chapters from renowned experts from the area and gives readers a unique opportunity to explore the topic.
⇒ Ausführliche Angaben: HT020308197

Aceves-Fernandez, Marco Antonio: Artificial Intelligence - Applications in Medicine and Biology
English. Inhaltliche Zusammenfassung: Artificial intelligence (AI) is taking on an increasingly important role in our society today. In the early days, machines fulfilled only manual activities. Nowadays, these machines extend their capabilities to cognitive tasks as well. And now AI is poised to make a huge contribution to medical and biological applications. From medical equipment to diagnosing and predicting disease to image and video processing, among others, AI has proven to be an area with great potential. The ability of AI to make informed decisions, learn and perceive the environment, and predict certain behavior, among its many other skills, makes this application of paramount importance in today’s world. This book discusses and examines AI applications in medicine and biology as well as challenges and opportunities in this fascinating area.
⇒ Ausführliche Angaben: HT020309451

Aceves-Fernandez, Marco Antonio: Artificial Intelligence - Emerging Trends and Applications
English. Inhaltliche Zusammenfassung: Artificial intelligence (AI) is taking an increasingly important role in our society. From cars, smartphones, airplanes, consumer applications, and even medical equipment, the impact of AI is changing the world around us. The ability of machines to demonstrate advanced cognitive skills in taking decisions, learn and perceive the environment, predict certain behavior, and process written or spoken languages, among other skills, makes this discipline of paramount importance in today’s world. Although AI is changing the world for the better in many applications, it also comes with its challenges. This book encompasses many applications as well as new techniques, challenges, and opportunities in this fascinating area.
⇒ Ausführliche Angaben: HT020308805

Achilias, Dimitris S.: Material Recycling - Trends and Perspectives
English. Inhaltliche Zusammenfassung: The presently common practice of wastes land-filling is undesirable due to legislation pressures, rising costs and the poor biodegradability of commonly used materials. Therefore, recycling seems to be the best solution. The purpose of this book is to present the state-of-the-art for the recycling methods of several materials, as well as to propose potential uses of the recycled products. It targets professionals, recycling companies, researchers, academics and graduate students in the fields of waste management and polymer recycling in addition to chemical engineering, mechanical engineering, chemistry and physics. This book comprises 16 chapters covering areas such as, polymer recycling using chemical, thermo-chemical (pyrolysis) or mechanical methods, recycling of waste tires, pharmaceutical packaging and hardwood kraft pulp and potential uses of recycled wastes.
⇒ Ausführliche Angaben: HT020307883
Acree, William: Toxicity and Drug Testing  
English. Inhaltliche Zusammenfassung: Modern drug design and testing involves experimental in vivo and in vitro measurement of the drug candidates ADMET (adsorption, distribution, metabolism, elimination and toxicity) properties in the early stages of drug discovery. Only a small percentage of the proposed drug candidates receive government approval and reach the market place. Unfavorable pharmacokinetic properties, poor bioavailability and efficacy, low solubility, adverse side effects and toxicity concerns account for many of the drug failures encountered in the pharmaceutical industry. Authors from several countries have contributed chapters detailing regulatory policies, pharmaceutical concerns and clinical practices in their respective countries with the expectation that the open exchange of scientific results and ideas presented in this book will lead to improved pharmaceutical products.
⇒ Ausführliche Angaben: HT020307839

Acuña, Beatriz Peña: The Evolution of Media Communication  
English. Inhaltliche Zusammenfassung: Media communication is a young discipline, if we compare it with others. It has been studied scientifically from the last century in social sciences. This topic, as it is a human process, is complex, and it is changing because of new technologies. It transforms our society too. It is recognised that we are in a communication society. The management of knowledge is settled in business area too. Communication skills are recognised as competences in education for preparing future citizens. Media communication feeds from different disciplines and it keeps their attention. This book is an attempt to provide theoretical and empirical framework to better understand media communication from different point of views and channels in various contexts. The international authors are specialised on the issues. They cover a wide range of updated issues. They span from deepening about behaviour of media or trends to national cases related to social net and to new phenomena - as it is mindfulness applied to creativity. So in this book, two sections are presented. The first section focuses on the behaviour of media, when it is applied in education field and reception research. The second section provides three case studies about the Internet: platforms and social nets developed and applied to different publics.
⇒ Ausführliche Angaben: HT020308260

Adias, Teddy Charles / Erhabor, Osaro: Transfusion Medicine Made Easy For Students of Biomedical Science, Allied Medical Sciences and Medicine  
English. Inhaltliche Zusammenfassung: This basic text is intended to optimise the training and practice of transfusion medicine in developing countries particularly in sub-Saharan Africa. It is aimed at improving the knowledge and skills of allied medical and medical students, and other healthcare professionals involved in blood transfusion, empowering them to offer the best possible blood transfusion services to their patients. This book is suitable not only for allied medical and medical students preparing for their examination in transfusion medicine but also for postgraduates preparing for examination in general medicine, haematology and transfusion science. The chapters have been presented in an annotated and easy to understand format.
⇒ Ausführliche Angaben: HT020309580

Adisa, Rashid Solagberu: Rural Development - Contemporary Issues and Practices  
English. Inhaltliche Zusammenfassung: Development of rural areas has witnessed increasing attention globally, especially over the past three to four decades. The highpoint in the renewed global interest in the development of rural people and their environment was reached with the setting of the Millennium Development Goals (MDGs) in the year 2000. All of the set goals are basically rural development goals. With less than four years to the deadline for the achievement of the MDGs, it is almost certain that the goals are far from being achieved in,
especially, most developing countries for whom the MDGs were essentially set. The struggle thus continues for rural development. As long as problems of poverty, disease, illiteracy, unemployment, poor infrastructure, environmental degradation and others persist (or increase) in rural communities, better and more result-oriented solutions to perennial and emerging problems of rural communities would be required.—.

⇒ Ausführliche Angaben: HT020309576

Aditya, Arli: Molecular Insight of Drug Design
English. Inhaltsliche Zusammenfassung: The approaches in drug design are mainly comprised of these three multidisciplinary sciences. First, Bioinformatics has successfully gather biological data in form of biomolecular sequences, in order to construct knowledge on drug and vaccine design. It is of considerable importance for drug designers to comprehend the utilization of bioinformatics tools for resolving their research questions. Second, Nanotechnology has made possible the design and delivery of the nano-based drug. Third, Pharmaceutical Chemistry made it possible to investigate the adsorption, distribution, metabolism, and toxicology of the drug candidates in a fine-grained resolution.

⇒ Ausführliche Angaben: HT020308940

Adnan, Muhammad / Basir, Abdul / Fahad, Shah: Global Wheat Production
English. Inhaltsliche Zusammenfassung: Global wheat consumption in the 2016/2017 season is forecasted to reach a record high 736m tonnes, showing a growth of 25% in the last 15 years. This raises the question which outlets the wheat is going into, what the growth of these outlets is, which regions or countries have grown the most, and where do we see future potential. Strong competition of other feed grains like corn is expected to slow the growth of wheat used for feed in the next years, and in the future, companies involved in the grain supply chain and feeding industry will need to be flexible enough to continue to meet this fast-changing demand for feed grains. For feed producers, this means they need to be able to access supplies of different grains from different origins to allow for the cheapest composition of their feed, while grain suppliers need to be able to continuously best engage with global trading opportunities to originate grains in various regions and move them to demand regions as cost-effectively as possible.

⇒ Ausführliche Angaben: HT020308912

Adomeit, Klaus: Das bürgerliche Recht, das Bürgerliche Gesetzbuch und die bürgerliche Gesellschaft
de.

⇒ Ausführliche Angaben: HT020307485

Adonis, Marta: A Global Scientific Vision - Prevention, Diagnosis, and Treatment of Lung Cancer
English. Inhaltsliche Zusammenfassung: Lung cancer is the number one cause of cancer deaths around the world. This devastating disease takes strength not only in people who smoke but also in poor people that eat polluted food and use heating sources, and in those exposed naturally to toxic compounds present in indoor and outdoor environments. Lung cancer patients and their families wait actions from the science that give not only answer to their demands but also a light of hope at the moment of receiving the diagnosis. This book meets the experience of several researchers who dedicate many hours a day to find not only the cure of lung cancer but also the way to convert the pathology of this chronic disease. In 12 chapters, the lectures will give information related to the relationship of lung cancer and smoking habit, the crucial role of the image technology for diagnosis of lung cancer, and a molecular vision of prevention, diagnosis, and treatment of lung cancer. The authors with a clinic and/or lab vision and with a great spirit to collaborate with the science and with each
past, present, and future patient and their families have dedicated many hours to write each chapter. Probably, the final answer to find the cure of lung cancer is not in this book. However, the lectures will give scientific information that will contribute in the near future improvement to the life quality of the patients.

⇒ Ausführliche Angaben: HT020308168

**Adrovic, Feriz: Gamma Radiation**
English. Inhaltliche Zusammenfassung: This book brings new research insights on the properties and behavior of gamma radiation, studies from a wide range of options of gamma radiation applications in Nuclear Physics, industrial processes, Environmental Science, Radiation Biology, Radiation Chemistry, Agriculture and Forestry, sterilization, food industry, as well as the review of both advantages and problems that are present in these applications. The book is primarily intended for scientific workers who have contacts with gamma radiation, such as staff working in nuclear power plants, manufacturing industries and civil engineers, medical equipment manufacturers, oncologists, radiation therapists, dental professionals, universities and the military, as well as those who intend to enter the world of applications and problems of gamma radiation. Because of the global importance of gamma radiation, the content of this book will be interesting for the wider audience as well.

⇒ Ausführliche Angaben: HT020307886

**Adrovic, Feriz: Radon**
English. Inhaltliche Zusammenfassung: In the book Radon, some segments of modern research from a wide range of issues related to radioactive gas radon are presented. The purpose of this book is to emphasize the importance of the existence of the radioactive gas radon in the environment and to make this natural phenomenon a top issue because radon is included in class A human carcinogenesis. The chapters of the book show physical and chemical properties of radon and radon progeny; concentration, emanation, and transport of radon in ambient environments; detection of radon and radon progeny in different environments; passive and active radon measurement techniques; and calibration of a dosimeter for the detection of radon. This book will be of great importance to scientists from a wide range of research area on the phenomenon of radon and will be useful to those who are beginners in this area as well. Due to the impact of radon gas on health, the content of this book will be interesting to a wider audience.

⇒ Ausführliche Angaben: HT020308493

**Adwan, Sami / Wildfeuer, Armin G.: Participation and Reconciliation**
English. Inhaltliche Zusammenfassung: In order to make justice work, participation and reconciliation is needed within and between societies, peoples, and nations. In this compilation, authors-senior academics as well as students– from Bethlehem University, Israel, and the Catholic University of Applied Sciences, Cologne, Germany, contribute to this important field. Thus, to some extent, the book in itself is an example of the subjects it deals with.

⇒ Ausführliche Angaben: HT020310461

**Afrin, Farhat / Ozbak, Hani / Hemeg, Hassan: iStaphylococcus Aureus/i**
English. Inhaltliche Zusammenfassung: i-Staphylococcus aureus/i strains are an important medical infectious agent that causes a wide range of pathogeneses starting from colonization of the skin and mucosal surface to severe pathogenic effects such as septicemia. The mortality and morbidity from this pathogen are challenging issues for the healthcare premises. Methicillin Resistant i-Staphylococcus aureus/i strains (MRSA) are causing severe infections due to the genes that are resistant to several antibiotics including methicillin, aminoglycosides, and others. Recently, there have been several reports related to failure of treatment plans caused by MRSA that led to Vancomycin Intermediate i-Staphylococcus aureus/i strains (VISA) or, in sporadic cases, resistance to the drug of choice. This book
highlights the new areas for the treatment of MRSA using natural products. The implementation of specific products produced by this organism can help the scientist to obtain a new window for treatments such as anticancer chemotherapy, antioxidants, et cetera.

⇒ Ausführliche Angaben: HT020309304

Afroze, Dil: Cancer Survivorship
2019. 1 electronic resource (140 pages). ISBN 9781789849066, ISBN 9781789849073 English. Inhaltliche Zusammenfassung: This book is a marvelous compendium of eight articles that cover a wide range of topics, including breast cancer: management and survivorship, rectal cancer intersphincteric resection, head and neck cancer diagnosis and radiotherapy, synthetic peptides as antitumor agents, and recent advances in thyroid cancer. It has been a wonderful opportunity to co-edit this special edition. We are greatly appreciative of the work of all the contributors to the book, who brought with them tremendous diversity of perspectives and fields truly reflective of the complexity of the topic and who, through coming together in this project, serve as a nidus of the multidisciplinary collaboration in this field. Finally, we must acknowledge the thousands of cancer patients who have participated in the studies that have provided the information that has advanced the field so greatly in recent years.

⇒ Ausführliche Angaben: HT020309169

Agarwal, Ramesh K.: Advances in Some Hypersonic Vehicles Technologies
2018. 1 electronic resource (184 pages). ISBN 9789535139034, ISBN 9789535139041, ISBN 9789535140351 English. Inhaltliche Zusammenfassung: The book describes the recent progress in some hypersonic technologies such as the aerodynamic modeling and numerical simulations of rarefied flows, boundary layer receptivity, coupled aerodynamics, and heat transfer problems, including fluid-thermal-structure interactions and launcher aerodynamic design as well as other miscellaneous topics, such as porous ceramic composite phase change control system and vehicle profile, following LQR design. Both the researchers and the students should find the material useful in their work.

⇒ Ausführliche Angaben: HT020308611

Agarwal, Ramesh K.: Carbon Capture, Utilization and Sequestration
2018. 1 electronic resource (196 pages). ISBN 9781789237641, ISBN 9781789237658 English. Inhaltliche Zusammenfassung: This book is divided in two sections. Several chapters in the first section provide a state-of-the-art review of various carbon sinks for CO2 sequestration such as soil and oceans. Other chapters discuss the carbon sequestration achieved by storage in kerogen nanopores, CO2 miscible flooding and generation of energy efficient solvents for postcombustion CO2 capture. The chapters in the second section focus on monitoring and tracking of CO2 migration in various types of storage sites, as well as important physical parameters relevant to sequestration. Both researchers and students should find the material useful in their work.

⇒ Ausführliche Angaben: HT020308971

Agarwal, Ramesh K.: Recent Advances in Aircraft Technology
2012. 1 electronic resource (558 pages). ISBN 9789535101505 English. Inhaltliche Zusammenfassung: The book describes the state of the art and latest advancements in technologies for various areas of aircraft systems. In particular it covers wide variety of topics in aircraft structures and advanced materials, control systems, electrical systems, inspection and maintenance, avionics and radar and some miscellaneous topics such as green aviation. The authors are leading experts in their fields. Both the researchers and the students should find the material useful in their work.

⇒ Ausführliche Angaben: HT020307854

Aghaei, Shahin: Tailored Treatments in Psoriatic Patients
The cause of psoriasis is still unknown, though exposure to definite agents (throat streptococcal infection), smoking, alcohol consumption, certain medicines (lithium), and local irritation or injury to the skin may be risk factors for persons genetically predisposed to the disease. Psoriasis symptoms can vary extensively, from mild rashes to severe situations. Treatment consists of various modalities used locally on the skin and taken by mouth. This book gathers and presents information on targeted treatments for psoriasis in four chapters. Following the Introductory chapter, Chapter 2 discusses evaluation of patients with psoriasis and recommended clinical approaches; Chapter 3 presents the etiology, differential diagnosis, clinical findings, and treatment of nail psoriasis; Chapter 4 updates the clinical knowledge on phototherapy for treating psoriatic lesions of the tongue; and Chapter 5 considers potential adverse skin reactions in psoriatic patients taking TNF alpha inhibitors.

Aghdassi, Elaheh: HIV Infection in the Era of Highly Active Antiretroviral Treatment and Some of Its Associated Complications

English. Inhaltliche Zusammenfassung: Human immunodeficiency virus (HIV) infection is a complex illness affecting the immune system. Acquired immunodeficiency syndrome (AIDS) is an advanced form of HIV infection in which the patient has developed opportunistic infections or certain types of cancer and/or the CD4+ T cell count has dropped below 200/L. More than 40 million persons around the world are infected with HIV, with approximately 14,000 new infections every day. The disease causes 3 million deaths worldwide each year, 95% of them in developing countries. Optimal management of human immunodeficiency virus requires strict adherence to highly active antiretroviral treatment (HAART) regimens, but the complexity of these regimens (e.g., pill burden, food requirements, drug interactions, and severe adverse effects) limits effective treatment. However, more patients with HIV are surviving longer today because of these drugs. This allows further study of commonly associated adverse effects. These may affect all body systems and range from serious toxicities to uncomfortable but manageable events. This book reviews some of HAART-related metabolic and neurological complications.

Agnello, Maria: Sea Urchin - From Environment to Aquaculture and Biomedicine

English. Inhaltliche Zusammenfassung: This book is addressed to the readers operating in the sea urchin field of research, as well as to the lovers of this fascinating organism. Sea urchin, among the most known marine invertebrates belonging to the deuterostomes, is more closely related to humans than other invertebrates, thus representing a suitable model system not only for developmental biology and ecotoxicology but also for biomedicine. The topics described highlight the validity and versatility of this organism for different kinds of investigations. A collection of interesting chapters contributes to this volume and clearly shows the reason of the high interest manifested by a huge number of scientists around the world for this organism over time. Each contribution is a separate and comprehensive chapter but within the books aim.

Agrawal, Amit: Hemorrhagic Stroke - An Update

English. Inhaltliche Zusammenfassung: The present book Hemorrhagic Stroke - An Update includes the updated information for professionals who are involved in the management of spontaneous intracerebral hemorrhage. This book contains detailed information about the pathophysiology of spontaneous intracerebral hemorrhage, neuroimaging approach in intracerebral hemorrhage, how to go about surgical intervention decision-making in these patients, and the rehabilitation issues in acute care and in long-term survivors. I hope that the collective contribution from the experts will make this book a valuable guide to further develop
their understanding about spontaneous intracerebral hemorrhage. I am grateful to all the authors who have contributed their tremendous expertise to the present book and to my wife and daughter for their passionate support, and last but not least, I wish to acknowledge the outstanding support of Ms. Romina Skomersic, Publishing Process Manager, InTech Open Science, Croatia, who collaborated tirelessly in crafting this book.

⇒ Ausführliche Angaben: HT020308450

Agrawal, Amit / Moscote-Salazar, Luis Rafael: Brain Tumors - An Update
English. Inhaltliche Zusammenfassung: We all know that the field of neuro-oncology is heterogeneous and under continuous development with the addition of new knowledge and information on a regular basis. The present book Brain Tumor - An Update is an attempt to share the personal experiences of experts who are involved in neuro-oncology-related research. Through this book, the authors share their experiences and provide details about the pathophysiology, neuroimaging approaches, and management options, and how to go about decision-making in patients with brain tumors. We hope that the valuable contributions from the authors shall facilitate understanding about brain tumors. I am grateful to all the authors who have contributed their tremendous expertise, and I would like to acknowledge the outstanding support of Ms. Danijela Sakic, Author Service Manager, IntechOpen Science, who collaborated tirelessly in crafting this book.

⇒ Ausführliche Angaben: HT020308913

Aguayo, Maria del Carmen Cardenas-: Restricted Growth - Clinical, Genetic and Molecular Aspects
English. Inhaltliche Zusammenfassung: Restricted growth conditions are a group of genetic disorders with primary effect on growth (short stature); it is very heterogeneous and comprises two important categories: skeletal dysplasia and different genetic syndromes with primary effect on growth. It could also be caused by a medical condition. The book contains chapters regarding different aspects of the study of restricted growth that are divided into three broad sections. Section I: Defining Restricted Growth, Section II: Genetics and Diagnosis of Restricted Growth, and Section III: Signaling Pathways and Molecular Mechanisms of Restricted Growth. The book presents comprehensive reviews of each topic written by experts in the field. It will be the most valuable tool for physicians and life science researchers and students. We hope that the book will motivate discussion and research in this important health problem, setting the path for better therapeutic approaches.

⇒ Ausführliche Angaben: HT020308052

Aguião, Silvia: Fazer-se no Estado: uma etnografia sobre o processo de constituição dos LGBT como sujeitos de direitos no Brasil contemporâneo
Portuguese. Inhaltliche Zusammenfassung: Trata-se de uma singular etnografia das relações pelas quais se forjam sujeitos - e formas de assujeitamento/subjetivação - no cotidiano de uma política de identidades de cunho “participativo”, compondo um panorama dos processos de formação de Estado que, como a autora destaca, são também processos de formação de subjetividades, de afetos, e de redes. Tão importante quanto o conteúdo etnográfico, e a análise do “campo” LGBT, é a construção teórica rigorosa em especial, mas não só, no uso dos textos de uma antropologia sobre/do Estado, testando-a, operacionalizando-a de modo argumentativo. E tudo isso chega-nos pela via de um texto claro, direto e enxuto, tanto quanto denso, reflexivo e inquietante.

⇒ Ausführliche Angaben: HT020307356

Aguil, Ignacio / Scorer, James / Wade, Peter: Cultures of Anti-Racism in Latin America and the Caribbean
eng.
Aguilar, Guadalupe Valverde: Sol-Gel Method - Design and Synthesis of New Materials with Interesting Physical, Chemical and Biological Properties
English. Inhaltsliche Zusammenfassung: The sol-gel method is a powerful route of synthesis used worldwide. It produces bulk, nano- and mesostructured sol-gel materials, which can encapsulate metallic and magnetic nanoparticles, non-linear azochromophores, perovskites, organic dyes, biological molecules, et cetera. This can have interesting applications for catalysis, photocatalysis; drug delivery for treatment of neurodegenerative diseases such as cancer, Parkinsons and Alzheimers. In this book, valuable contributions related to novel materials synthesized by the sol-gel route are provided. The effect of the sol-gel method to synthesize these materials with potential properties is described, and how the variation of the parameters during the synthesis influences their design and allows to adjust their properties according to the desired application is discussed.
⇒ Ausführliche Angaben: HT020309740

Aguilera, Alexandro: The Art of Body Contouring
English. Inhaltsliche Zusammenfassung: Body contouring surgery is one of the most common procedures performed by plastic surgeons worldwide. New technologies have been developed in all areas of medicine, and aesthetic surgery is no exception. Body contouring surgery is a very passionate field that demands careful planning and flawless execution. This is why we have gathered a group of clinicians and scientists with vast experience in body contouring surgery to discuss breast and body contouring surgery as the main objectives in this book.
⇒ Ausführliche Angaben: HT020309241

Ahmad, Ishaq: Ion Implantation - Research and Application
English. Inhaltsliche Zusammenfassung: Ion implantation is one of the promising areas of sciences and technologies. It has been observed as a continuously evolving technology. In this book, there is a detailed overview of the recent ion implantation research and innovation along with the existing ion implantation technological issues especially in microelectronics. The book also reviews the basic knowledge of the radiation-induced defects production during the ion implantation in case of a semiconductor structure for fabrication and development of the required perfect microelectronic devices. The improvement of the biocompatibility of biomaterials by ion implantation, which is a hot research topic, has been summarized in the book as well. Moreover, advanced materials characterization techniques are also covered in this book to evaluate the ion implantation impact on the materials.
⇒ Ausführliche Angaben: HT020309460

Ahmad, Muhammad: Alopecia
English. Inhaltsliche Zusammenfassung: Being the editor of the book Alopecia, I feel delighted to work with the world-leading publisher IntechOpen Publisher. The current book has chapters emphasizing a variety of alopecias. The administration of newer drugs may treat hair loss by a variety of mechanisms. All the clinical variants of alopecias are discussed in detail. The book will help dermatologists, students, hair transplant surgeons, and physicians related to hair loss problems, giving them the opportunity to understand basic pathophysiological, clinical, and medical management options. The basic idea of the book is to diagnose alopecia correctly.
⇒ Ausführliche Angaben: HT020308297

Ahmad, Rizvan: Free Radicals, Antioxidants and Diseases
English. Inhaltliche Zusammenfassung: The current book entitled Free Radicals, Antioxidants, and Diseases gives an idea of detecting free radicals in vivo by newer techniques and provides insights into the roles played by various antioxidants in combating diseases caused by oxidative stress. The chapters included in this volume showcase new investigation in this field by the research groups around the world.
⇒ Ausführliche Angaben: HT020308897

Ahmad, Rizwan: Free Radicals and Diseases
English. Inhaltliche Zusammenfassung: The current volume entitled, Free Radicals and Diseases integrates knowledge in free radical-associated diseases from the basic level to the advanced level, and from the bench side to bed side. The chapters in this book provide an extensive overview of the topic, including free radical formations and clinical interventions.
⇒ Ausführliche Angaben: HT020308071

Ahmad, Zaki / Farooq, Robina: Biological Wastewater Treatment and Resource Recovery
English. Inhaltliche Zusammenfassung: Biological treatment of wastewater is a low-cost solution for remediation of wastewater. This book focuses on the bioremediation of wastewater, its management, monitoring, role of biofilms on wastewater treatment and energy recovery. It emphasizes on organic, inorganic and micropollutants entering into the environment after conventional wastewater treatment facilities of industrial, agricultural and domestic wastewaters. The occurrence of persistent pollutants poses deleterious effects on human and environmental health. Simple solution for recovery of energy as well as water during biological treatment of wastewater is a viable option. This book provides necessary knowledge and experimental studies on emerging bioremediation processes for reducing water, air and soil pollution.
⇒ Ausführliche Angaben: HT020308206

Ahmad, Zaki / Farooq, Robina: Physico-Chemical Wastewater Treatment and Resource Recovery
English. Inhaltliche Zusammenfassung: The book on Physico-Chemical Treatment of Wastewater and Resource Recovery provides an efficient and low-cost solution for remediation of wastewater. This book focuses on physico-chemical treatment via advanced oxidation process, adsorption, its management and recovery of valuable chemicals. It discusses treatment and recovery process for the range of pollutants including BTX, PCB, PCDDs, proteins, phenols, antibiotics, complex organic compounds and metals. The occurrence of persistent pollutants poses deleterious effects on human and environmental health. Simple solutions for recovery of valuable chemicals and water during physico-chemical treatment of wastewater are discussed extensively. This book provides necessary knowledge and experimental studies on emerging physico-chemical processes for reducing water pollution and resource recovery.
⇒ Ausführliche Angaben: HT020308241

Ahmed, Noor: Advances in Noise Analysis, Mitigation and Control
English. Inhaltliche Zusammenfassung: The adverse impacts from excess noise on human health and daily activities have accelerated at an alarming rate over the last few decades. This has prompted significant research into noise attenuation and mitigation of these unwanted effects. This book is a collection of works from eminent researchers from around the world, who address the aforementioned issues. It provides the most up-to-date information on current work being conducted in the field of noise pollution and is of value to a wide range of students, engineers, scientists and industry consultants who wish to further understand current methodologies and emerging concepts.
⇒ Ausführliche Angaben: HT020308047
Aiello, Gemma: Seismic and Sequence Stratigraphy and Integrated Stratigraphy - New Insights and Contributions
English. Inhaltliche Zusammenfassung: This book contains six chapters dealing with the investigation of seismic and sequence stratigraphy and integrated stratigraphy, including the stratigraphic unconformities, in different geological settings and using several techniques and methods, including the seismostratigraphic and the sequence stratigraphic analysis, the field geological survey, the well log stratigraphic interpretation, and the lithologic and paleobotanical data. Book chapters are separated into two main sections: (i) seismic and sequence stratigraphy and (ii) integrated stratigraphy. There are three chapters in the first section, including the application of sequence and seismic stratigraphy to the fine-grained shales, to the fluvial facies and depositional environments, and to the Late Miocene geological structures offshore of Taiwan. In the second section, there are three chapters dealing with the integrated stratigraphic investigation of Jurassic deposits of the southern Siberian platform, with the stratigraphic unconformities, reviewing the related geological concepts and studying examples from Middle-Upper Paleozoic successions; and, finally, with the integrated stratigraphy of the Cenozoic deposits of the Andean foreland basin (northwestern Argentina).
⇒ Ausführliche Angaben: HT020308510

Aiello, Gemma: Volcanoes - Geological and Geophysical Setting, Theoretical Aspects and Numerical Modeling, Applications to Industry and Their Impact on the Human Health
English. Inhaltliche Zusammenfassung: This book contains 12 chapters dealing with the studies on volcanoes, their geological and geophysical setting, the theoretical aspects and the numerical modeling on volcanoes, the applications of volcanoes to the industry, and the impact of volcanoes on the human health, in different geological settings and using several techniques and methods, including the volcanology, the seismology, the statistical methods to assess the correlation between seismic and volcanic activity (modified Ripleys K-function to regional seismicity), the field geological survey of volcanic successions, the analytical methods of petrologic analysis, the petrography of the volcanic rocks with the individuation of the modal compositions of volcanic rocks and their comparison with major elements and trace elements in variation diagrams, and the argon isotopic measurements performed through the peak height comparison (unspiked) method.
⇒ Ausführliche Angaben: HT020308858

Akarslan, Zühre: Dental Caries - Diagnosis, Prevention and Management
English. Inhaltliche Zusammenfassung: This book provides information to the readers starting with the history of oral hygiene manners, and modern oral hygiene practices. It continues with the prevalence and etiology of caries and remedy of caries through natural sources. Etiology of secondary caries in prosthetic restorations and the relationship between orthodontic treatment and caries is addressed. An update of early childhood caries is presented. The use of visual-tactile method, radiography and fluorescence in caries detection is given. The book finishes with methods used for the prevention of white spot lesions and management of caries.
⇒ Ausführliche Angaben: HT020309000

Akarslan, Zuhre: Diagnosis and Management of Head and Neck Cancer
English. Inhaltliche Zusammenfassung: This book includes useful and recent information to the readers regarding the following topics: Signs and symptoms and etiology and risk factors of head and neck cancer, Epidemiology and the role of microRNAs in nasopharyngeal carcinoma and oral carcinogenesis, History, classifications, and managements of salivary gland cancer, Considerations, classifications, and managements of thyroid gland cancer, Updates in the diagnosis and management of medullary thyroid carcinoma, Interventional techniques used for the relief of head and neck cancer pain, Oral side effects of head and neck irradiation, Health-related quality of life in maxillectomy patients rehabilitated with obturator prostheses.
Akdemir, Hülya / Marco-Jiménez, Francisco: Cryopreservation in Eukaryotes
English. Inhaltliche Zusammenfassung: Since accidentally discovering the ability of glycerol on protecting cells from freezing damage, many researchers have been pursuing to develop cryopreservation methods of a very wide range of cells and some tissues, and these have found widespread applications in biology and medicine. From the point of view of living organisms, cryopreservation is a useful tool for ex situ conservation of genetic resources together with its contribution on conservation of their biodiversity. Cryopreservation in Eukaryotes includes totally 12 chapters, which have been written by the expert researchers in the field. The chapters are a comprehensive collection of the most frequently used methods for eukaryotes. With this book, every researcher will better understand the principles, background, and current status of cryopreservation in particular organisms.

Akhtar, Kalsoom / Khan, Sher Bahadar: Cerium Oxide - Applications and Attributes
English. Inhaltliche Zusammenfassung: This book focuses on the chemical structure and applications of CeO2. It covers the recent developments in a wide range of CeO2 applications, particularly catalysis corrosion protection, fuel cells, sensors, and UV-blocking. It also provides a concise but thorough coverage of the chemical structure and applications of CeO2. Thus, this book provides an overview of chemical structure, applications, and recent attributes of CeO2 for a broad audience, including beginners, graduate students, and specialists in both academic and industrial sectors.

Akhtar, Kalsoom / Khan, Sher Bahadar: Photocatalysts - Applications and Attributes
English. Inhaltliche Zusammenfassung: This book enlightens the type, chemical structure, and application of photo-catalysts. It covers the recent developments in photo-catalysts and their applications, particularly in photo-catalytic degradation of different organic pollutants, hydrogen production, et cetera It provides a concise but complete coverage and overview of photocatalysts and their recent advances for a broad audience: beginners, graduate students, and specialists in both academic and industrial sectors.

Akin, Ibrahim: Interventional Cardiology
English. Inhaltliche Zusammenfassung: The development of innovative interventional strategies and materials, primarily attributed to rapid strides in healthcare technology and education, has helped position interventional cardiology as one of the foremost disciplines in cardiovascular medicine. Patients diagnosed with inoperable conditions, including complex structural heart disease, have found renewed hope with the practice of these path-breaking therapeutic techniques. Nevertheless, the growing complexity of these procedures has also necessitated a close cooperation with different specialists, such as cardiothoracic surgeons, vascular surgeons, anesthesiologists, and interventional radiologists. There is an urgent need to further explore the use of such alternative strategies of clinical management of cardiac disease, while limiting or potentially eliminating any procedural risks for the patient. This book is oriented to readers interested in learning the basic principles of interventional cardiology and offers a brief insight into the potential use of such treatments in routine clinical practice.
Akitsu, Takashiro: Basic Concepts Viewed from Frontier in Inorganic Coordination Chemistry
English. Inhaltliche Zusammenfassung: This book is both a review of current research and an undergraduate textbook for inorganic chemistry at university level. In university undergraduate lectures, basic concepts are mainly explained and added examples of frontier research are optional. However, in many cases, frontier research is more interesting for students than basic studies. This book is aimed at undergraduates in inorganic chemistry. Each author introduces or reviews frontier research topics of inorganic coordination chemistry. Additionally, basic concepts, as found in textbooks on this subject, indicate application examples of frontier research topics.
⇒ Ausführliche Angaben: HT020309164

Akitsu, Takashiro: Chirality from Molecular Electronic States
English. Inhaltliche Zusammenfassung: In chemistry, biology, and physics, chirality is an important concept in nature. Especially in chemistry, not only classical stereochemistry but also asymmetric organic synthesis, supramolecular chemistry, construction of bio-related molecules and molecular recognition became indispensable structural chemical keywords. However, in view of synthetic chemistry and its structural chemistry, chemistry dealing with chirality in relation to the more fundamental electronic state is still a minority. This book is particularly aimed at chiroptical spectroscopy, structural or physical features and theoretical computation of chirality.
⇒ Ausführliche Angaben: HT020309233

Akitsu, Takashiro: Descriptive Inorganic Chemistry Researches of Metal Compounds
English. Inhaltliche Zusammenfassung: Metal ions play an important role in analytical chemistry, organometallic chemistry, bioinorganic chemistry, and materials chemistry. This book, Descriptive Inorganic Chemistry Researches of Metal Compounds, collects research articles, review articles, and tutorial description about metal compounds. To perspective contemporary researches of inorganic chemistry widely, the kinds of metal elements (typical and transition metals including rare earth; p, d, f-blocks) and compounds (molecular coordination compounds, ionic solid materials, or natural metalloenzyme) or simple substance (bulk, clusters, or alloys) to be focused are not limited. In this way, review chapters of current researches are collected in this book.
⇒ Ausführliche Angaben: HT020308383

Akitsu, Takashiro: Symmetry (Group Theory) and Mathematical Treatment in Chemistry
English. Inhaltliche Zusammenfassung: The aim of this book Symmetry (Group Theory) and Mathematical Treatment in Chemistry is to be a graduate school-level text about introducing recent research examples associated with symmetry (group theory) and mathematical treatment in inorganic or organic chemistry, physical chemistry or chemical physics, and theoretical chemistry. Chapters contained can be classified into mini-review, tutorial review, or original research chapters of mathematical treatment in chemistry with brief explanation of related mathematical theories. Keywords are symmetry, group theory, crystallography, solid state, topology, molecular structure, electronic state, quantum chemistry, theoretical chemistry, and DFT calculations.
⇒ Ausführliche Angaben: HT020308839

Akyar, Isin: Toxoplasmosis
English. Inhaltliche Zusammenfassung: Toxoplasma gondii was first identified more than 100 years ago in the tissues of birds and mammals. Although toxoplasmosis is important all over
the world, its approaches to diagnostic strategies considerably differ among countries. Its wide
distribution may be attributed to complex transmission patterns and parasite coevolution
with multiple hosts. Although T. gondii infections of immunocompetent people are generally
considered asymptomatic, infections in immunocompromised individuals, such as those with
AIDS or organ transplant recipients, can result in severe consequences. This book, composed
of a series of articles, including effective diagnosis of laboratory in toxoplasma infections,
congenital toxoplasmosis, relationship between toxoplasmosis and public health genomics,
prevalence, genetic diversity of toxoplasmosis, and microparticle vaccines against Toxoplasma
gondii by authors from all over the world, presents a wide open point of view for toxoplasmosis.
⇒ Ausführliche Angaben: HT020308298

Al-Anazi, Khalid Ahmed: Update on Multiple Myeloma
English. Inhaltliche Zusammenfassung: This book is a comprehensive overview of the recent
developments in the clinical and research fields of multiple myeloma. It is divided into three
main sections that cover a wide range of topics, including: epidemiology and pathogenesis
of the disease, genetic targets and pathways, resistance to novel therapies, angiogenesis and
anti-angiogenesis, hematopoietic stem cell transplantation, role of radiology and radiotherapy
in myeloma, infectious complications, and management of multiple myeloma in resource-poor
countries.
⇒ Ausführliche Angaben: HT020309248

Al-Bahadly, Ibrahim H.: Energy Conversion - Current Technologies and
Future Trends
English. Inhaltliche Zusammenfassung: Energy conversion technology has always been a
main focus for researchers in order to meet the increasing demand as well as securing a clean,
consistent and reliable energy supply. The constantly rising fuel price is another good reason
to develop alternative systems such as wind turbines, hydropower, photovoltaic systems and
other renewable energy solutions. This book contains a collection of selected research works
in the areas of electric energy generation, renewable energy sources, hybrid system, electro-
mechanical energy conversion, electric machines, power electronic converters and inverters,
energy storage, smart grid and traditional energy conversion systems. The book intends to
provide academic and industry professionals working in the field of energy conversion and
related applications with an update in energy conversion technology, particularly from the
applied perspective.
⇒ Ausführliche Angaben: HT020309186

Al-Bahadly, Ibrahim: Wind Turbines
English. Inhaltliche Zusammenfassung: The area of wind energy is a rapidly evolving field
and an intensive research and development has taken place in the last few years. Therefore,
this book aims to provide an up-to-date comprehensive overview of the current status in the
field to the research community. The research works presented in this book are divided into
three main groups. The first group deals with the different types and design of the wind mills
aiming for efficient, reliable and cost effective solutions. The second group deals with works
tackling the use of different types of generators for wind energy. The third group is focusing
on improvement in the area of control. Each chapter of the book offers detailed information
on the related area of its research with the main objectives of the works carried out as well as
providing a comprehensive list of references which should provide a rich platform of research
to the field.
⇒ Ausführliche Angaben: HT020307713

Al-Juboury, Ali Ismail: Contributions to Mineralization
9789535140689
English. Inhaltliche Zusammenfassung: Contributions to Mineralization provide some new
aspects on economically important mineral deposits from various locations in Asia, Africa, and Europe in terms of their genesis, geochemical, and age considerations. Mining industry and mineral engineering issues are also discussed in the book through some new statistical approaches and economic aspects. The book represents a useful guide for specialists in the fields of mineralogy, economic geology, mining engineering, environmental impacts, and mining industry.

⇒ Ausführliche Angaben: HT020308551

**Al-Juboury, Ali: Shale Gas - New Aspects and Technologies**
English. Inhaltliche Zusammenfassung: Natural gas, particularly shale gas, is one of the main sustainable energy sources in the current century. It is an abundant energy resource, playing an active role in future energy demand and enabling nations to transition to higher support on renewable energy sources. The book aims to add some contributions and new advances in technologies and prospects on shale gas reserves in selected regions of the world, in terms of new technologies of extraction, new discoveries of promising reserves, synthesis and applications to get high quality of this cleanest consuming non-renewable energy source.

⇒ Ausführliche Angaben: HT020308945

**Al-kaf, Ali Gamal Ahmed: Nonsteroidal Anti-Inflammatory Drugs**
English. Inhaltliche Zusammenfassung: This book intends to provide the reader with a comprehensive overview about the state of the art regarding the use of nonsteroidal anti-inflammatory drugs (NSAIDs) in physical and rehabilitation medicine and the study of the pharmacodynamics of existing and newly introduced NSAIDs in the management of pain and inflammation. It will also elaborate and refine already known knowledge on the mechanism(s) of nonsteroidal anti-inflammatory agents. This book may provide additional knowledge about the design and development of new drug delivery systems loaded with NSAIDs potentially useful in the treatment of chronic inflammatory-based diseases following circadian cycle, uses of NSAIDs as a source of medicinal plants, and the adverse effects and drug interactions of the nonsteroidal anti-inflammatory drugs.

⇒ Ausführliche Angaben: HT020308390

**Al-kaf, Ali Gamal: Corticosteroids**
English. Inhaltliche Zusammenfassung: Corticosteroids are mainly used to reduce inflammation and suppress the immune system. Corticosteroids will only be prescribed if the potential benefits of treatment outweigh the risks. They will also be prescribed at the lowest effective dose for the shortest possible time. This book will strive to highlight the importance of corticosteroids, to focus on minimizing side effects, to monitor and sensitize the population on the potential adverse effects of misuse, to provide additional knowledge about the design and development of new drug delivery systems loaded with corticosteroids potentially useful in the treatment of chronic inflammatory-based diseases, and to reduce inflammation and affect the immune system. The major objective of this book will be to present the information in a lucid, condensed, and cohesive form and to specially cater to the needs of readers in medicine and pharmacy.

⇒ Ausführliche Angaben: HT020308729

**AL-Mayahi, Ali / Al-Zwaini, Isam Jaber: Selected Topics in Myasthenia Gravis**
English. Inhaltliche Zusammenfassung: Myasthenia gravis is a rare potentially fatal chronic autoimmune disorder. Circulating autoantibodies directed against components of the neuromuscular junction of skeletal muscles, most commonly nicotinic acetylcholine receptor and associated protein in the postsynaptic membrane, block neuromuscular transmission resulting in muscle weakness. This muscle weakness typically worsens with continued activity.
improves on rest, and is of variable severity ranging from mild ocular muscle weakness to severe generalized muscle weakness, involving the respiratory muscle with impending respiratory failure. The worldwide prevalence of myasthenia gravis is 100-200 per million population, affecting more than 700,000 people all over the world. The prevalence rate has increased since the 1950s due to improved diagnostic precision and decreased mortality rate.

⇒ Ausführliche Angaben: HT020309414

Al-Megren, Hamid A.: Advances in Natural Gas Technology
English. Inhaltsangabe: Natural gas is a vital component of the world's supply of energy and an important source of many bulk chemicals and specialty chemicals. It is one of the cleanest, safest, and most useful of all energy sources, and helps to meet the world's rising demand for cleaner energy into the future. However, exploring, producing, and bringing gas to the user or converting gas into desired chemicals is a systematical engineering project, and every step requires thorough understanding of gas and the surrounding environment. Any advances in the process link could make a step change in gas industry. There have been increasing efforts in gas industry in recent years. With state-of-the-art contributions by leading experts in the field, this book addressed the technology advances in natural gas industry.

⇒ Ausführliche Angaben: HT020307899

Al-Naib, Uday M. Basheer: Recent Advances in Porous Ceramics
English. Inhaltsangabe: Porous ceramics have recently gained growing importance in industry because of their many applications like filters, absorbers, dust collectors, thermal insulation, hot gas collectors, dielectric resonators, bioreactors, bone replacement and automobile engine components. Generally, porous ceramics have good properties such as mechanical strength, abrasion resistance, and chemical and thermal stability. These porous network ceramic structures also have relatively low density, low mass and low thermal conductivity. Furthermore, permeability is one of the most important properties of porous ceramics for different applications such as membranes because this property directly relates to the pressure drop during filtration. Pore size control is one key factor in fabrication of porous ceramics. The size of particles and their distribution of the raw materials, manufacturing techniques, types of binder used, distribution of binder, and sintering affect the final porosity and pore connectivity. are important things that must be considered during the manufacturing of a porous ceramic body. Therefore, the development of porous ceramic research requires sufficient mechanical and chemical stability as well as permeability. This book covers a wide range of topics such as porous ceramic structure and properties, preparation, simulation and fabrication, sintering, applications for bioceramics, sensors, magnetics and energy saving.

⇒ Ausführliche Angaben: HT020308973

Al-Samaraee, Sammera Mohamed Salih / Almusaed, Amjad: Grasses - Benefits, Diversities and Functional Roles
English. Inhaltsangabe: This book has been prepared to embody the major and efficient applications of the different duties and roles of grasses in our life, as well as offered a solid concept for this kind of science. The book aims to illustrate various ideas, methods and how it is treated in the agronomic process for different forms of grasses in human life.

⇒ Ausführliche Angaben: HT020308426

Al-Taweel, Areej / Perveen, Shagufta: Pharmacognosy - Medicinal Plants
English. Inhaltsangabe: Pharmacognosy is a term derived from the Greek words for drug (pharmakon) and knowledge (gnosis). It is a field of study within Chemistry focused on natural products isolated from different sources and their biological activities. Research on natural products began more than a hundred years ago and has continued up
to now with a plethora of research groups discovering new ideas and novel active constituents. This book compiles the latest research in the field and will be of interest to scientists, researchers, and students.

⇒ Ausführliche Angaben: HT020309417

Al-Taweel, Areej / Perveen, Shagufta: Terpenes and Terpenoids
English. Inhaltliche Zusammenfassung: Terpenes belong to the diverse class of chemical constituents isolated from materials found in nature (plants, fungi, insects, marine organisms, plant pathogens, animals and endophytes). These metabolites have simple to complex structures derived from Isopentyl diphosphate (IPP), dimethyl allyl diphosphate (DMAPP), mevalonate and deoxyxylulose biosynthetic pathways. Terpenes play a very important role in human health and have significant biological activities (anticancer, antimicrobial, anti-inflammatory, antioxidant, antiallergic, skin permeation enhancer, anti-diabetic, immunomodulatory, anti-insecticidal). This book gives an overview and highlights recent research in the phytochemical and biological understanding of terpenes and terpenoid and explains the most essential functions of these kinds of secondary metabolites isolated from natural sources.

⇒ Ausführliche Angaben: HT020309160

Al-Zwaini, Isam Jaber: Cerebral Palsy - Clinical and Therapeutic Aspects
English. Inhaltliche Zusammenfassung: Cerebral palsy is a common pediatric problem and is the leading cause of childhood disability. It occurs at a rate of 3.6 cases per 1000 children, and represents a major social and psychological impact on both family and society. It is a group of disorders with movement difficulties being common for all affected patients. Its severity and extent are variable from one patient to another. Additionally, the impacts of cerebral palsy on daily activities, communications, and requirements are also variable. Recent advances in clinical research increase our knowledge and understanding of causal pathways, possible preventive measures, specific intervention strategies, and the value of new treatment modalities such as botulinum toxin and intrathecal baclofen in the management of cerebral palsy.

⇒ Ausführliche Angaben: HT020309158

AL-Zwaini, Isam: Thalassemia and Other Hemolytic Anemias
English. Inhaltliche Zusammenfassung: Thalassemia is a very common disease first described by pediatrician Thomas Benton Cooley in 1925 who described it in a patient of Italian origin. At that time, it was designated as Cooleys anemia. George Hoyt Whipple, a Nobel prize winner, and W. L. Bradford, a professor of pediatrics at the University of Rochester, coined the term thalassemia in 1936, which in Greek means anemia of the sea (Thalassa means sea, and emia means blood), due to the fact that it is very common in the area of the Mediterranean Sea. This name is actually misleading because it can occur everywhere in the world. Thalassemia is not a single disease; it is rather a group of hereditary disorders of the production of globulin chain of the hemoglobin. Throughout the world, thalassemia affects approximately 4.4 of every 10,000 live births. It represents a major social and emotional impact on the patient and his family and a major burden on health services where the prevalence is high.

⇒ Ausführliche Angaben: HT020308824

Aladjadjiyan, Anna: Agricultural Waste and Residues
English. Inhaltliche Zusammenfassung: This book is dedicated to the reuse of waste and residues from the agricultural sector. Plant residues, as well as animal manure and residues from animal breeding, contain useful elements that can be processed for production of fertilizers, compost for soil recultivation, and biofuels. The emerging energy and resources crisis calls for development of sustainable reuse of waste and residues. This book contains eight chapters divided into four sections. The first section contains the introductory chapter from the editor. The second section is related to the preparation of fertilizers and compost for soil
amelioration from agricultural residues and waste water. The third section considers the use of agricultural waste for solid biofuels and biogas. The fourth section discusses sustainability and risk assessment related to the use of agricultural waste and residues.

⇒ Ausführliche Angaben: HT020308938

Alam, Md. Kawsar: Electrical and Electronic Properties of Materials
English. Inhaltliche Zusammenfassung: Materials properties, whether microscopic or macroscopic, are of immense interest to the materials scientists, physicists, chemists as well as to engineers. Investigation of such properties, theoretically and experimentally, has been one of the fundamental research directions for many years that has also resulted in the discovery of many novel materials. It is also equally important to correctly model and measure these materials properties. Keeping such interests of research communities in mind, this book has been written on the properties of polyesters, varistor ceramics, and powdered porous compacts and also covers some measurement and parameter extraction methods for dielectric materials. Four contributed chapters and an introductory chapter from the editor explain each class of materials with practical examples.

⇒ Ausführliche Angaben: HT020309194

Albers, Marion: Informationelle Selbstbestimmung

⇒ Ausführliche Angaben: HT020309676

Albert, Hans: Rechtswissenschaft als Realwissenschaft

⇒ Ausführliche Angaben: HT020307487

Albu, Elena / Filip, Cristiana: Reactive Oxygen Species (ROS) in Living Cells

English. Inhaltliche Zusammenfassung: Oxygen represents only 20% of the Earth's atmosphere, yet it is vital for the survival of aerobic organisms. There is a dark part of the use of oxygen that consists in generating reactive species that are potentially harmful to living organisms. Moreover, reactive oxygen species can combine with nitrogen derivatives and generate many other reactive species. Thus, living organisms are continuously assaulted by reactive species from external or internal sources. However, the real danger comes in the case of high concentrations and prolonged exposure to these species. This book presents an image of the mechanisms of action of reactive species and emphasizes their involvement in diseases. Inflammation and cancer are examined to determine when and how reactive species turn the evolution of a benign process to a malignant one. Some answers may come from recent studies indicating that reactive species are responsible for epigenetic changes.

⇒ Ausführliche Angaben: HT020308714

Alcaraz-Mejia, Mildreth / Campos-Rodriguez, Raul: Petri Nets in Science and Engineering

English. Inhaltliche Zusammenfassung: This book presents a collection of chapters from different areas of science and engineering, where Petri Nets have been shown to be a useful tool for the design and modeling of the problems that arise in such fields. The areas covered in this book include manufacturing systems, authentication and cyber-security, computer architectures, mechanical systems, process mining, control theory and time analysis. The main focus of the chapters was to be illustrative, to help the development of intuitive ideas that may guide the reader to adopt Petri Nets in their scientific or engineering work. However, there are other chapters with deep mathematical basis such as time analysis. Whenever possible, models, graphics and examples illustrate the developed concepts.

⇒ Ausführliche Angaben: HT020308979

Alexander, Laura E. Crotty / Enany, Shymaa: Frontiers in iStaphylococcus aureus/i

English. Inhaltliche Zusammenfassung: <i>Staphylococcus aureus</i> was first recognized as a human pathogen in 1880 and was named for its grape cluster-like appearance. In 1884, <i>S. aureus</i> was identified and named for its vibrant golden color, which was later found to be the result of golden toxin production. Here, experts examine in-depth patterns of <i>S. aureus</i> colonization and exposures in humans, mammals, and birds that have led to the development of various clinical diseases. The mode of transmission of <i>S. aureus</i> and different methods for its detection in different samples are defined. Conventional antibiotic options to treat this aggressive, multifaceted, and readily adaptable pathogen are becoming limited. Alternative, novel chemotherapeutics to target <i>S. aureus</i> are discussed in the pages within, including herbal medicines, bee products, and modes of delivery.

⇒ Ausführliche Angaben: HT020308171

Alexander, Laura E. Crotty / Enany, Shymaa: The Rise of Virulence and Antibiotic Resistance in iStaphylococcus aureus/i

English. Inhaltliche Zusammenfassung: <i>S. aureus</i> is a growing issue both within hospitals and community because of its virulence determinants and the continuing emergence of new strains resistant to antimicrobics. In this book, we present the state of the art of <i>S. aureus</i> virulence mechanisms and antibiotic-resistance profiles, providing an unprecedented and comprehensive collection of up-to-date research about the evolution, dissemination, and mechanisms of different staphylococcal antimicrobial resistance patterns alongside bacterial virulence determinants and their impact in the medical field. We include several review chapters to allow readers to better understand the mechanisms of methicillin resistance, glycopeptide resistance, and horizontal gene transfer and the effects of alterations in <i>S. aureus</i> membranes and cell walls on
drug resistance. In addition, we include chapters dedicated to unveiling *S. aureus* pathogenicity with the most current research available on *S. aureus* exfoliative toxins, enterotoxins, surface proteins, biofilm, and defensive responses of *S. aureus* to antibiotic treatment.

⇒ Ausführliche Angaben: HT020308176

**Alexandrescu, Vlad Adrian:** *Wound Healing - New insights into Ancient Challenges*
English. Inhaltliche Zusammenfassung: Outstanding scientific advances over the last decades unceasingly reveal real complexity of wound-healing process, astonishing in its staged progression, as life is unfolding itself. This natural course of tissue repair seems to bear thousands of overlapping molecular and macroscopic processes that nowadays only start to unfold to our knowledge. The present volume collecting recent scientific references proposes to readers a two-folded audacious goal. First, an updated design of intimate cellular mechanisms is entailed in tissue regeneration that emanates from the first section of the book. Next, a multidisciplinary therapeutic perspective that focuses on macroscopic healing throughout the second part of this work adds clinically integrated observation. Practical diagnostic and treatment information is appended in each chapter that may equally help experienced clinicians or dedicated students and researchers in broadening essential breaking points of their work. It is the wish of all multidisciplinary experts who gather prominent authors panel of this volume to incorporate latest medical reports and compel limits of current understanding for better tissue regeneration, limb salvage, and improved quality of life of our patients.

⇒ Ausführliche Angaben: HT020308056

**AlFaify, Salem A. / Awwad, Nasser Sayed:** *New Trends in Nuclear Science*
English. Inhaltliche Zusammenfassung: This book will hopefully shed light on some of the advances taking place within nuclear science research in recent times. It describes the interesting results of some modern nuclear science research carried out by bright scientists and researchers in different parts of the world. The book is divided into five chapters. The first one is an introductory chapter to explain the nature and purpose of the book and the logic and significance of its contents. The second chapter is a concise introduction to the core subject of nuclear science, which is the nuclear reactions. This chapter also touches on the fundamental and basic physics underling major nuclear reactions. Chapter three addresses some recent advances related to the famous nuclear detector material namely CdTe. The authors suggest that the modern detector based on CdTe materials can be developed as a multi-element detection platform that allows for the direct conversion of information generated by passing X/y-radiations through an examined object into an array of digital electrical signals without using an intermediate visible image on a fluorescent screen. In chapter four, a new study on the effect of unintended and accidental nuclear impact on the environment is discussed. In the last chapter, Thomas W. Grimshaw; from The University of Texas at Austin, USA; has composed an interesting study on the so-called cold nuclear fusion or the more widely known low energy nuclear reaction (LENR). He, among others, argues that nuclear cold fusion, if realized and understood, could be a significant source of cheap and clean energy. This book will hopefully encourage readers, researchers, and scientists to look further into the frontier topics of modern nuclear science and make the needed efforts to develop its cause and uses.

⇒ Ausführliche Angaben: HT020309157

**Ali, Aidy:** *Advanced Engineering Testing*
English. Inhaltliche Zusammenfassung: This book covers recent advances in the method used in testing, especially in the case of structural integrity that includes fatigue and fracture tests, vibrations test and surface engineering tests that are extremely crucial and widely used by engineers and industries. The book will provide you with information on how to apply the advanced formulation, advanced theory and advanced method of testing that are relevant to all engineering fields: mechanical, electrical, civil, materials and surface engineering. The topics
are explained comprehensively, including the reliable test that one should perform in order to effectively investigate the strength and validation of the developed theory or model. I hope that the material is not too theoretical and that the reader finds the case study, formulation, testing method and the analysis helpful for tackling their own engineering and science based studies.

⇒ Ausführliche Angaben: HT020309084

Ali, Aiday: Failure Analysis and Prevention
English. Inhaltliche Zusammenfassung: This book covers recent advancement methods used in analysing the root cause of engineering failures and the proactive suggestion for future failure prevention. The techniques used especially non-destructive testing such X-ray are well described. The failure analysis covers materials for metal and composites for various applications in mechanical, civil and electrical applications. The modes of failures that are well explained include fracture, fatigue, corrosion and high-temperature failure mechanisms. The administrative part of failures is also presented in the chapter of failure rate analysis. The book will bring you on a tour on how to apply mechanical, electrical and civil engineering fundamental concepts and to understand the prediction of root cause of failures. The topics explained comprehensively the reliable test that one should perform in order to investigate the cause of machines, component or material failures at the macroscopic and microscopic level. I hope the material is not too theoretical and you find the case study, the analysis will assist you in tackling your own failure investigation case.

⇒ Ausführliche Angaben: HT020308531

Ali, Farhad: Fluid Flow Problems
English. Inhaltliche Zusammenfassung: In physics and engineering, fluid dynamics is a sub-discipline of fluid mechanics that describes the flow of fluids, liquids, and gases. It has several subdisciplines, including aerodynamics (the study of air and other gases in motion) and hydrodynamics (the study of liquids in motion). Fluid dynamics has a wide range of applications, including calculating forces and moments on aircraft, determining the mass flow rate of petroleum through pipelines, predicting weather patterns, understanding nebulae in interstellar space and modeling fission weapon detonation. In this book, we provide readers with the fundamentals of fluid flow problems. Specifically, Newtonian, non-Newtonian and nanofluids are discussed. Several methods exist to investigate such flow problems. This book introduces the applications of new, exact, numerical and semianalytical methods for such problems. The book also discusses different models for the simulation of fluid flow.

⇒ Ausführliche Angaben: HT020309392

Ali, Mahmut / Kan: Genetic Diversity in Plants
English. Inhaltliche Zusammenfassung: Genetic diversity is of fundamental importance in the continuity of a species as it provides the necessary adaptation to the prevailing biotic and abiotic environmental conditions, and enables change in the genetic composition to cope with changes in the environment. Genetic Diversity in Plants presents chapters revealing the magnitude of genetic variation existing in plant populations. The increasing availability of PCR-based molecular markers allows the detailed analyses and evaluation of genetic diversity in plants and also, the detection of genes influencing economically important traits. The purpose of the book is to provide a glimpse into the dynamic process of genetic variation by presenting the thoughts of scientists who are engaged in the generation of new ideas and techniques employed for the assessment of genetic diversity, often from very different perspectives. The book should prove useful to students, researchers, and experts in the area of conservation biology, genetic diversity, and molecular biology.

⇒ Ausführliche Angaben: HT020307878
Aliofkhazraei, M.: Developments in Corrosion Protection
English. Inhaltliche Zusammenfassung: One of the first thing that comes to your mind after hearing the term “corrosion” is corrosion of a metal. Corrosion is a basically harmful phenomenon, but it can be useful in some cases. For instance, environment’s pollution with corrosion products and damage to the performance of a system are among its harmful effects, whereas electric energy generation in a battery and cathodic protection of many structures are among its advantages. However, these advantages are almost nothing as compared to the costs and effects imposed by its detrimental influences. The enormous costs of this phenomenon can be better understand through studying the published statistics on direct and indirect corrosion damages on economy of governments. The direct cost of corrosion is near 3 % of the gross domestic product (GDP) of USA. Considering this huge cost, it is necessary to develop and expand the corrosion science and its protection technologies.
⇒ Ausführliche Angaben: HT020307970

Aliofkhazraei, Mahmood: Advances in Graphene Science
English. Inhaltliche Zusammenfassung: Graphene is proving to be the magic material of the 21th century. It is widely accepted that it is the strongest material ever studied and can be an efficient substitute for silicon. Besides, fascinating properties of graphene, such as the highest electrical conductivity among the discovered substances, have dramatically shocked science and technology world. Graphene is a carbon based layer with high atomic density. Its extraordinary characteristics such as extremely high mechanical strength, hardness, and adjustable thermal and electrical conductivity, as well as excellent surface and optical feature through chemical marking, have received great deal of attention by many researchers. This book collects new advances of this interesting nanomaterial.
⇒ Ausführliche Angaben: HT020307964

Aliofkhazraei, Mahmood: Corrosion Inhibitors, Principles and Recent Applications
English. Inhaltliche Zusammenfassung: To protect metals or alloys from corrosion, some methods can be used such as isolating the structure from the aggressive media or compensating the loss of electrons from the corroded structure. The use of corrosion inhibitors may include organic and inorganic compounds that adsorb on the metallic structure to isolate it from its surrounding media to decrease oxidation-reduction processes. This book collects new developments about corrosion inhibitors and their recent applications.
⇒ Ausführliche Angaben: HT020308640

Aliofkhazraei, Mahmood: Intermetallic Compounds - Formation and Applications
English. Inhaltliche Zusammenfassung: Intermetallic compounds are usually brittle with high melting points. Their properties are often found among ceramic and metallic materials. In most cases, their hot corrosion resistance and simultaneously hardness are important. One of the main applications of intermetallic compounds is for superalloy turbine blades in which they show appropriate high-temperature-related properties. This book collects new developments about intermetallic compounds and their recent usages.
⇒ Ausführliche Angaben: HT020308737

Aliofkhazraei, Mahmood: Magnesium Alloys
English. Inhaltliche Zusammenfassung: Magnesium alloys usually have desirable properties including high chemical stability, easy processing and manufacturing, and also lightweight. Magnesium alloys weigh about 70% of aluminum alloy weight and 30% of iron and steel
weight. Most of these alloys are used for fabrication of structures in aerospace industries. Magnesium belongs to the second main group of the periodic table of elements (alkaline earth metal) and therefore cannot be found in pure state in nature and only exists as a chemical composition. This book collects new developments about magnesium alloys and their use in different industries.

⇒ Ausführliche Angaben: HT020308140

Aliofkhazraei, Mahmood: Mass Spectrometry
English. Inhaltliche Zusammenfassung: Mass spectrometry is an analytical technique that can be used for the structural characterization and quantification of a wide range of molecules. The technique is extensively used by chemists for the analysis of small and volatile organic compounds. Mass spectrometry has long been an important technique for the identification of materials ranging from pure compounds to complex mixtures. Mass spectrometry can be used to determine molecular weight of compounds or using different ionization conditions, can provide more structural details through the analysis of fragmentation patterns. This level of detail can be attained for pure compounds and some mixtures. Mass spectrometry can also be combined with separation techniques such as gas chromatography or liquid chromatography to allow more complex mixtures to be examined. These hyphenated techniques provide a range of options for the characterization of complex materials.

⇒ Ausführliche Angaben: HT020308287

Aliofkhazraei, Mahmood: Wetting and Wettability
English. Inhaltliche Zusammenfassung: On the liquid’s surface, the molecules have fewer neighbors in comparison with the bulk volume. As a result, the energy interaction shows itself in the surface tension. Traditionally, the surface tension can be assumed as a force in the unit of the length which can be counted by the unit of Newton on squared meter, or energy on the units of the surface. The surface tension, implies the interface between liquid and vapor, which is an example of the surface tensions. The equilibrium between these surface tensions, decides that a droplet on a solid surface, would have a droplet form or will change to layer form. This book collects new developments in wetting and wettability science.

⇒ Ausführliche Angaben: HT020308000

Allam, Naglaa: Advances in Treatment of Hepatitis C and B
English. Inhaltliche Zusammenfassung: As in many areas of medicine, treatment of viral hepatitis has seen an acceleration of change driven by new therapies and evolving technology. Thanks to the direct-acting antiviral agents (DAAs), the era of HCV eradication and cure has begun. As regards to hepatitis B therapy, potent antiviral drugs for suppression of viral replication are available, new research activities to enhance eradication are visible, and these may influence clinical practice in the coming years. This book covers the latest advances in hepatitis C and hepatitis B therapeutics as well as the emerging and investigational treatment strategies. Advances in Treatment of Hepatitis C and Hepatitis B book is an up-to-date source of information for physicians, residents, and advanced medical students seeking a broader understanding of treatment of viral hepatitis. The authors of the chapters come from many eminent centers around the world and are experts in their respective fields.

⇒ Ausführliche Angaben: HT020308174

Allen Meeropol, Michael: Surrender: How the Clinton Administration Completed the Reagan Revolution
English. Inhaltliche Zusammenfassung: Illuminates recent national economic policy and warns against the single-minded commitment to balance the federal budget. The paperback edition features a new preface and afterword.

⇒ Ausführliche Angaben: HT020310332
English. Inhaltliche Zusammenfassung: The needs of children and parents about play when the child has a disability are explored by mean on surveys to disability associations and families were collected during 2016 in 30 countries by members of the EU COST LUDI network Play for children with disability. The users needs concerning play for children with disabilities are also explored by mean of case studies at a country level, based on literature reviews of avialable reports and empirical studies in Finland, Lithuania and Sweden.
⇒ Ausführliche Angaben: HT020309933

Almasri, Mazen Ahmad: An Update of Dental Implantology and Biomaterial
English. Inhaltliche Zusammenfassung: The aim of An Update in Dental Implantology and Biomaterial is to continue the challenge of reconstruction and implantology into another volume with unique updates. As a surgeon who is usually asked to accomplish the reconstructive skeleton of the rehabilitation plan, questions like Doc. I am in a hurry, how fast can you finish the treatment? are becoming very common in practice these days. This phenomenon goes hand in hand with peoples current lifestyles. Another challenge is the inapplicable prosthetic plan due to the difficulty at the patient side or the surgical intervention side. The advancement in reconstruction is appreciated, but apparently it has not reached the limit of placing the factors of cost, time, and invasiveness into one location. I believe that cases should be treated and rehabilitated as soon as possible, with reasonable cost and feasible technicality, so that clients can focus on their daily lives. With this book I am honored to present a homogeneous gathering of literature on implantology, elaborated with up-to-date techniques of grafting, the improvement of anterior aesthetics, and answers to questions concerning postoperative implant complications and microbiota care.
⇒ Ausführliche Angaben: HT020309208

Almasri, Mazen Ahmad: Designing Strategies for Cleft Lip and Palate Care
English. Inhaltliche Zusammenfassung: In Designing Strategies for Cleft Lip and Palate Care it was aimed to link the epidemiology from different areas in the world with the interspecialty surgical care and the future genetic research projects. The objective is to concisely discuss the methodology of interspecialty care and stimulate future ideas for prophylactically managing or preventing such deformities. I am confident that one day the surgical interventions that bombard the patients from the day of newborn delivery and throughout the years of youth should be significantly decreased based on the genetic prophylactic intervention, probably.
⇒ Ausführliche Angaben: HT020308198

Almayah, Basim A.: Use of Gamma Radiation Techniques in Peaceful Applications
English. Inhaltliche Zusammenfassung: This book deals with gamma radiation in many fields, which encompasses diverse factors that affect human and animal life inside an environment. These fields include nuclear and medical physics, industrial processes, environmental sciences, radiation biology, radiation chemistry, radiotherapy, agriculture and forestry, sterilization, the food industry, and so on. The book covers an overview of gamma background radiations and measurements, radioactive decay, radioecological applications in environmental gamma dosimetry, gamma-ray interaction, monocolor gamma, influence of gamma radiation on dynamical mechanical properties, influence of low-dose gamma irradiation treatments on microbial decontamination, gamma-ray ionization enhancement in tissues, gas-filled surge arresters, modeling plastic deformation located in irradiated materials, radiotherapy, application of radiation and genetic engineering techniques, and gamma-ray measurements using unmanned aerial systems. This book is expected to benefit undergraduate and postgraduate
students, researchers, teachers, practitioners, policy makers, and every individual who has a
cconcern for a healthy life.
⇒ Ausführliche Angaben: HT020309523

Almssad, Asaad / Almusaed, Amjad: Sustainable Buildings - Interaction
Between a Holistic Conceptual Act and Materials Properties
English. Inhaltliche Zusammenfassung: This book has been written to represent the efficient
applications of sustainability upon building designs. The book intends to illustrate various
techniques of action of sustainability on building conceptions. The book is divided into four
parts and eight chapters. Part I Introduction into Target Theme includes a chapter with title
Introductory Chapter. It makes an overview of the meaning and the target of sustainable
building and sustainable building material. Part II Sustainable Building Design, Process, and
Management discusses many forms and concepts of sustainable building and includes three
chapters. Part III Sustainable Building by Using Energy Efficiency in Building Design includes
one chapter. Part IV Sustainability in Building Materials: Study Cases includes three chapters.
⇒ Ausführliche Angaben: HT020308860

Almusaed, Amjad / Almssad, Asaad: Housing
English. Inhaltliche Zusammenfassung: This book is proposed as both a general reading of
the discipline for students in architecture and urban planning, and offers a variety of mate-
rials for professionals of local and international organizations. It brings together studies with
new perspectives and relevant subjects from different geographical areas. The book gathers
the contributions of international researchers and experts. It is divided into three parts and
eight chapters: Part I, Introduction to Housing Affairs, includes a chapter that discusses a
general reading of housing as meaning and action in social, economic, and environmental city
life. Part II, Case Studies Upon Housing Policies, includes four chapters. It consists of many
eamples from different geographical areas and domains. Part III, Housing Quality and Af-
fordability, includes three chapters; housing quality, sustainability, and development are the
main subjects for this part.
⇒ Ausführliche Angaben: HT020309134

Almusaed, Amjad / Almssad, Asaad: Sustainable Cities - Authenticity,
Ambition and Dream
English. Inhaltliche Zusammenfassung: This book has been written to represent the efficient
applications of sustainability in urban areas. The book intends to illustrate various techni-
qules of action on sustainability on city conception, functions and conformation. This book
is divided into four parts and nine chapters: Section I is entitled Introduction to Sustainable
Cities Concept and contains one chapter Introductory chapter: Overview of Sustainable Ci-
ties Theory and Practices, which discusses sustainability in cities in conception and practice.
Section II is entitled Energy and Environmental Analysis of Sustainable Cities Models. This
includes four chapters. It expresses the effect of the environment and energy embodiment on
city configuration and function. Section III is entitled The Role of Transport in a Sustaina-
tle City. This part includes two chapters. Section IV is entitled The influence of Social and
Economic Factors in Urban Space Conception. It includes two chapters.
⇒ Ausführliche Angaben: HT020309272

Almusaed, Amjad: Landscape Architecture - The Sense of Places, Models
and Applications
English. Inhaltliche Zusammenfassung: This book is intended as both an introduction to the
discipline for students of landscape architecture, architecture, and planning, and a source
of continuing interest for more experienced environmental designers. The book offers various
materials for landscape architects and other planning professionals. The book is divided into
4 parts and 17 chapters. Part I Introduction to the Landscape Architecture Theme is general
reading on landscape architecture. Part II Arts Replica and Landscape Architecture Model includes three chapters. This part represents a theoretical and sensitive visual interpretation of landscape architecture. Part III Sustainable Prototypes of a Contemporary Landscape Architecture includes four chapters, with sustainability as a concept and guiding thought. Part IV Landscape Architecture Around the World (Study Cases) includes 9 chapters with many examples from different geographical practical cases.

⇒ Ausführliche Angaben: HT020308984

Alsheikhly, Ahmed Subhy: Essentials of Accident and Emergency Medicine
English. Inhaltliche Zusammenfassung: As physicians, we have a constant passion for improving and maintaining patients care and safety. The book is divided into three parts focusing on the essentials of general concepts, diagnosis, and management of accident and emergency medicine, as well as an academic approach to teaching in the emergency setting. The chapters selected for this book are written by an excellent group of recognized emergency surgeons and physicians from different countries and cultures facilitating a comprehensive and interesting approach to the problems of emergency treatment. We hope this book will be helpful and used worldwide by medical students, clinicians, and researchers enhancing their knowledge and advancing their objectives by a book that intends to become a reference text for research and practice within accident and emergency medicine.

⇒ Ausführliche Angaben: HT020309180

Altamimi, Rashid H. / Al-Megren, Hamid A.: Advances in Natural Gas Emerging Technologies
English. Inhaltliche Zusammenfassung: Natural gas has become the worlds primary supply of energy in the last decades. It is naturally occurring from the decomposition of organic materials, over the past 150 million years ago, into hydrocarbons. It is considered one of the most useful energy sources and the fastest growing energy source in the world. This book presents state-of-the-art advances in natural gas emerging technologies. It contains ten chapters divided into three sections that cover natural gas technology, utilization, and alternative.

⇒ Ausführliche Angaben: HT020308374

Alternative Assets and Cryptocurrencies
Eng. Inhaltliche Zusammenfassung: Alternative assets such as fine art, wine, or diamonds have become popular investment vehicles in the aftermath of the global financial crisis. Correlation with classical financial markets is typically low, such that diversification benefits arise for portfolio allocation and risk management. Cryptocurrencies share many alternative asset features, but are hampered by high volatility, sluggish commercial acceptance, and regulatory uncertainties. This collection of papers addresses alternative assets and cryptocurrencies from economic, financial, statistical, and technical points of view. It gives an overview of their current state and explores their properties and prospects using innovative approaches and methodologies.

⇒ Ausführliche Angaben: HT020307413

Altinay, Fahriye: Open and Equal Access for Learning in School Management
English. Inhaltliche Zusammenfassung: This book encapsulates four sections about open and equal access for learning in school management. The first section is related to school management and leadership. Second section of the book gives insight on school culture. Third section of the book underlines the importance of open learning. Latest section of the book covers the importance of equal access and learning in curriculum, environment, gender, youth. I have a firm belief that authors can find great insights on open and equal access for learning from different reflections and researches of chapters.
Altink, Henrice: Representations of Slave Women in Discourses on Slavery and Abolition, 1780-1838
English. Inhaltsliche Zusammenfassung: This book analyzes textual representations of Jamaican slave women in three contexts—motherhood, intimate relationships, and work—in both pro- and antislavery writings. Altink examines how British abolitionists and pro-slavery activists represented the slave women to their audiences and explains not only the purposes that these representations served, but also their effects on slave women’s lives.

⇒ Ausführliche Angaben: HT020308752

Portuguese. Inhaltsliche Zusammenfassung: Este livro se destina a todos(as) que se interessam por conhecer um tipo raro de cinema feito no Brasil: os filmes de contato. Seus realizadores se dedicam a filmar durante um extenso período de tempo uma das experiências mais devastadoras ainda nos dias de hoje em andamento no território brasileiro: o contato entre a sociedade nacional e os povos que aqui vivem originariamente. Adrian Cowell, Vincent Carelli e Andrea Tonacci captam os inúmeros sentidos desse encontro, indagando a história - suas catástrofes e suas aberturas -, no mesmo momento em que abrem novos caminhos para o cinema.

⇒ Ausführliche Angaben: HT020310155

Alvarez, María: Genetic Transformation
English. Inhaltsliche Zusammenfassung: Genetic transformation of plants has revolutionized both basic and applied plant research. Plant molecular biology and physiology benefit from this power tool, as well as biotechnology. This book is a review of some of the most significant achievements that plant transformation has brought to the fields of Agrobacterium biology, crop improvement and, flower, fruit and tree amelioration. Also, it examines their impact on molecular farming, phytoremediation and RNAi tools.

⇒ Ausführliche Angaben: HT020309845

Alves, Lucas Maximo: Fracture Mechanics - Properties, Patterns and Behaviours
English. Inhaltsliche Zusammenfassung: This book is a collection of 13 chapters divided into seven sections: Section I: General Foundations of the Stress Field and Toughness with one chapter, Section II: Fractography and Impact Analysis with two chapters, Section III: Toughness Fracture with three chapters, Section IV: Fracture Behavior with two chapters, Section V: Natural and Hydraulic Fractures with two chapters, section VI: Fatigue with one chapter and Section VII: Fracture Biomaterials and compatible with two chapters. This book covers a wide range of application of fracture mechanics in materials science, engineering, rock prospecting, dentistry and medicine. The book is aimed towards materials scientists, metallurgists, mechanical and civil engineers, doctors and dentists and can also be well used in education, research and industry.

⇒ Ausführliche Angaben: HT020307766

Alvinius, Aida / Brandebo, Maria Fors: Dark Sides of Organizational Behavior and Leadership
English. Inhaltsliche Zusammenfassung: In recent years, scholars have focused more on the dark sides of leadership. Both the negative and positive aspects of the relationship between
leaders and followers are considered. But the relationship between leaders and followers is also influenced by the context in which the relationship occurs. Organizational aspects such as culture and structures are studied in relation to how negative leadership develops. Organizations, just like humans, are able to develop justifications for their actions, to self-aggrandize by claiming their exclusivity. In this book, the dark sides of organizational behaviors and leadership are considered from different aspects and contexts. The book contributes knowledge of how negative leadership develops, what part organizational structures play, and what the consequences are for the leader, the subordinates and the organization.

⇒ Ausführliche Angaben: HT020309174

**Alvincius, Aida: Contemporary Leadership Challenges**
English. Inhaltliche Zusammenfassung: Social and behavioral science has for decades studied and recognized leadership as a social exchange between leaders and followers. But leadership is rather complex, and as such, it tends to lead to an increased interest within and across different disciplines. This book is an attempt to provide theoretical and empirical framework to better understand leadership challenges in various contexts. The authors cover an array of themes that span from an individual level to an organizational and societal level. In this volume, two sections are presented. The first section based on individual level focuses on different leadership styles and abilities, and the other section provides theories to understand leadership in public administration, in industrial settings and in nonprofit organizations.

⇒ Ausführliche Angaben: HT020308139

**Alvincius, Aida: Gender Differences in Different Contexts**
English. Inhaltliche Zusammenfassung: The development of gender differences as an area of research has been rapid over the last decades. Varieties of studies have focused on the gender differences as well as the similarities of women and men. The common purpose of the research attempt is to find out the possibilities and even the consequences of gender differences and the impact on human beings on one side, and social and cultural environment on the other. This book is an attempt to provide theoretical and empirical framework to better understand gender differences in various contexts and on different levels. Therefore, the contributions cover an array of themes that span from an individual level to an organizational and societal level.

⇒ Ausführliche Angaben: HT020308142

**Amarasakera, Hiran Wimal: Recent Advances in Arthroscopic Surgery**
English. Inhaltliche Zusammenfassung: This book is aimed at providing an overview of arthroscopic joint surgery involving major joints in the body. It discusses all aspects of arthroscopy including complex surgical procedures, feasibility of performing surgery as an OPD procedure, and complications associated with these surgeries. The chapters are organised in regional basis and presented in an easy-to-understand format. This book will benefit all sports medicine physicians, orthopaedic surgeons and trainees, physiotherapists, and all clinicians involved in treating joint diseases. The combination of the authors shared experiences with facts and presentation of figures and photographs will help the reader in understanding the complex principles involved. This can be used as a text for an individual or a must have reference book for any medical library.

⇒ Ausführliche Angaben: HT020309053

**Amarelli, Cristiano / Montalto, Andrea / Loforte, Antonio: Heart Transplantation**
English. Inhaltliche Zusammenfassung: One of the most challenging scientific steps of the modern era has been the ability to replace, functionally or anatomically, the failing heart, and
in December 2017 we celebrated the 50th anniversary of the world's first human heart transplant. Despite a long and troubled history, heart transplantation has dramatically expanded over time, and is currently the gold standard solution in terms of treatment of refractory end-stage heart failure. Thanks to the contributions by well-known experts in the field, the goal of this book is to provide a framework for successful transplant program development and management. The text reflects the global collective efforts of those who have dedicated countless energy to achieving a better understanding of the details that will ultimately yield better outcomes in terms of teamwork.

⇒ Ausführliche Angaben: HT020309045

Amarin, Zouhair O.: Family Planning
English. Inhaltliche Zusammenfassung: Women with unmet need for family planning are those who are fecund but are not using any method of contraception, not wanting any more children, or wanting to delay the next pregnancy. This notion points to the gap between women's reproductive intentions and their contraceptive behavior. The need for contraception remains too high. This circumstance is made worse by both a growing population and a shortage of family planning services. It is important that family planning is widely available and easily accessible. This book is intended as an aid to substance that all health workers interested in becoming more effective practitioners will consult on many occasions during their clinical practice. It provides views that the readers can test their experiences against. It presents sound and clear advice on some of the most practical guidance applicable to family planning.

⇒ Ausführliche Angaben: HT020308763

Ambos, Kai: Nationalsozialistisches Strafrecht
de. Inhaltliche Zusammenfassung: This innovative study regards National Socialist criminal law-in accordance with the theories of continuity and radicalisation-as the racist (anti-Semitic), nationalistic (Germanic) and totalitarian updating of the authoritarian and anti-liberal tendencies found in German criminal law at the turn of the 20th century and during the Weimar Republic. The author proves this thesis through systematic analysis of the works of relevant authors, focusing primarily on the texts, which speak for themselves, rather than on morally judging the people who wrote them. In doing so, he also examines the reception of German (National Socialist) criminal law in Latin America. The aforementioned continuity did not only exist from a past perspective (post-Weimar), but also from a forward-looking perspective (‘the Bonn Republic’ 1949-1990). In short, neither did National Socialist criminal law appear from nowhere, nor did it completely disappear after 1945, which has seamlessly led to the modern-day attempt to reconstruct the identity of this Germanic myth through the so-called ‘neue Rechte’ or ‘New Right’ political movement.

⇒ Ausführliche Angaben: HT020307463

Amighini, Alessia: CHINA’S RACE TO GLOBAL TECHNOLOGY LEADERSHIP
inglish. Inhaltliche Zusammenfassung: The current trade war between the US and China looks like a small piece in a much larger puzzle over world leadership in which China plays the part of the ascending challenger seeking to upset the existing balance of power. Technology and innovation seem to be Beijing’s weapons of choice in its frontal assault on Washington in sectors traditionally led by the US. China is not only acquiring technology. Its ambitions include the regulation of international trade and global governance. Just what a China-led global order would look like is still unclear, but the inherent side-effects of technology need to be meticulously assessed, as they have the potential to alter the core values of modern societies. To what extent will technology facilitate China’s rise?.

⇒ Ausführliche Angaben: HT020309877

Amini, Ata: Climate Change and Global Warming
English. Inhaltliche Zusammenfassung: Strong evidence has proved that the climate is changing and the world is becoming warmer by various measures. It is now generally accepted that human activities are changing the configuration of our ecosystem. Most likely, further changes and negative influences are unavoidable. Nevertheless, we can prevent the dominant impacts of climate change, so that life remains manageable. Meanwhile, misperceptions of the solutions are increasing. The overall purpose of this book is to introduce the concept of climate change and its effects within the context of sustainable development. This book, Climate Change and Global Warming, brings together the engineers, scientists, socialists and policymakers of the world to critically look at various aspects of climate change, and it is an attempt to look at the facts.

⇒ Ausführliche Angaben: HT020309354

Amini, Ata: Sedimentation Engineering
English. Inhaltliche Zusammenfassung: The lack of knowledge about sedimentation processes taking place in a watershed or a waterbody hinders practical progress in addressing problem-solving. To assist the reader in putting sediment quantity and quality issues into perspective, sedimentation engineering features the most state-of-the-art contributions from a number of researchers working in the fields of water resources and soil erosion. The book contains 10 chapters selected among a great number of submitted manuscripts. The main topics are sedimentation processes in marshes, harbor estuaries, gulf, hydraulic turbine, and volcanic area. Sediment contamination and few other topics are included as well. The case studies cover a sequence for integrated solutions where watershed management and sedimentation engineering are not decoupled. This book on sedimentation engineering is designed for researchers and professionals and for course use in environmental science.

⇒ Ausführliche Angaben: HT020308649

Amini, Seyavash: Digitale Kultur zum Pauschaltarif?
DE. Inhaltliche Zusammenfassung: Is the copyright law in the information society going to collapse or may a "cultural flatrate" produce relief? In view of the plentiful everyday occurrence of unauthorized and unpaid utilization of digital creative goods, the paper names the deficient situation of German and international copyright law regarding the different interests of copyright holders and users and presents possible perspectives. The legal classification and feasibility of lump-sum payment models that even in the political discussion apply to be an assumedly simple solution of the so-called digital dilemma is surveyed within the work. At the end, an ambitious but non-illusory vision of a European "cultural flatrate" is proposed. Dr. jur. Seyavash Amini has been a scholarship holder of the Max Planck Institute for Innovation and Competition in Munich, he founded the IVOCAT GmbH with focus on Intellectual Property Management in Hanover and works as legal advisor and entrepreneur.

⇒ Ausführliche Angaben: HT020307589

Amr, Sherif: Issues in Flap Surgery
English. Inhaltliche Zusammenfassung: The development of flap surgery parallels the increasing complexity of soft-tissue defects needing reconstruction. Random and pedicled flaps as well as free muscle and fasciocutaneous flaps have helped to reconstruct single soft-tissue defects. The multiplicity of defects needing reconstruction and donor-site morbidity in addition to tailored reconstruction have called for a revision of flap concepts in favor of perforator flaps. Unfortunately, we are faced with increasingly complex reconstructive issues. New reconstructive techniques, such as the Ilizarov method, have made orthopedic reconstruction after high energy and complex trauma possible. Revision surgeries after tumor resection and plastic surgery have brought about soft-tissue defects associated with extensive fibrosis and necrosis. As a result, previously nonsalvageable limbs have been salvaged. The reconstructive surgeons are faced with the following situations: multiple soft-tissue defects, extensive fibrosis, possibility of major vessel loss, and possibility of damage of several perforators.

⇒ Ausführliche Angaben: HT020308656
Anamthawat-Jónsson, Kesara: Current Topics in Phylogenetics and Phylogeography of Terrestrial and Aquatic Systems
English. Inhaltliche Zusammenfassung: Mapping phylogenetics on geographical scales is one of the most important scientific aspects of bioscience research. Changes in the environment have evidently shaped the geographical distribution of organisms on land and in the oceans seen today. Overexploitation of key species has caused not only changes in the distribution and diversity of organisms and composition of the ecosystems, but is also leading to species extinction at accelerating rates. It is our duty as scientists to find ways of protecting the species endangered with extinction and preventing other species from entering the endangered stage. To manage this effectively, we need to map species distribution, understand life-history traits, define genetic variation within species and populations, identify lineages - especially at the molecular level - and correlate the historical, phylogenetic components with the spatial distributions of gene lineages. In this book, phylogenetics and phylogeography of a diverse range of organisms are reviewed: from microorganisms causing gastroenteritis in humans, fishes in the Southwest Atlantic Ocean and spiders of the western Indian Ocean, to mountain tapirs in South America and birch tree species of the Arctic tundra.
⇒ Ausführliche Angaben: HT020307873

Anbarjafari, Gholamreza / Escalera, Sergio: Human-Robot Interaction - Theory and Application
English. Inhaltliche Zusammenfassung: This book takes the vocal and visual modalities and human-robot interaction applications into account by considering three main aspects, namely, social and affective robotics, robot navigation, and risk event recognition. This book can be a very good starting point for the scientists who are about to start their research work in the field of human-robot interaction.
⇒ Ausführliche Angaben: HT020308814

Andjelkovic, Violeta: Plant, Abiotic Stress and Responses to Climate Change
English. Inhaltliche Zusammenfassung: Climate change is a serious problem influencing agricultural production worldwide and challenging researchers to investigate plant responses and to breed crops for the changed growing conditions. Abiotic stresses are the most important for crop production, affecting about 96.5% of arable land worldwide. These stress factors include high and low temperature, water deficit (drought) and flooding, salinity, heavy metals, UV radiation, light, chemical pollutants, and so on. Since some of the stresses occurred simultaneously, such as heat and water deficit, causing the interactions of physiological processes, novel multidisciplinary solutions are needed. This book provides an overview of the present state in the research of abiotic stresses and molecular, biochemical, and whole plant responses, helping to prevent the negative impact of global climate change.
⇒ Ausführliche Angaben: HT020308726

Ando, Clifford / Rüpke, Jörg: Public and Private in Ancient Mediterranean Law and Religion
English. Inhaltliche Zusammenfassung: The public/private distinction is fundamental to modern theories of the family, religion and religious freedom, and state power, yet it has different salience, and is understood differently, from place to place and time to time. The volume examines the public/private distinction in the cultures and religions of the ancient Mediterranean, in the formative periods of Greece and Rome and the religions of Judaism, Christianity and Islam.
⇒ Ausführliche Angaben: HT020307638

Andrades, Jose A.: Regenerative Medicine and Tissue Engineering
English. Inhaltliche Zusammenfassung: Few events in science have captured the same level of sustained interest and imagination of the nonscientific community as Stem Cells, Tissue Engineering, and Regenerative Medicine. The fundamental concept of Tissue Engineering and Regenerative Medicine is appealing to scientists, physicians, and lay people alike: to heal tissue or organ defects that the current medical practice deems difficult or impossible to cure. Tissue engineering combines cells, engineering, and materials methods with suitable biochemical and physiochemical factors to improve or replace biologic functions. Regenerative medicine is a new branch of medicine that attempts to change the course of chronic disease, in many instances regenerating failing organ systems lost due to age, disease, damage, or congenital defects. The area is rapidly becoming one of the most promising treatment options for patients suffering from tissue failure. This book of Regenerative Medicine and Tissue Engineering fairly reflects the state of the art of these two disciplines at this time as well as their therapeutic application. It covers numerous topics, such as stem cells, cell culture, polymer synthesis, novel biomaterials, drug delivery, therapeutics, and the creation of tissues and organs. The goal is to have this book serve as a reference for graduate students, post-docs, teachers, scientists and physicians, and as an explanatory analysis for executives in biotech and pharmaceutical companies.

⇒ Ausführliche Angaben: HT020307959

Andreas, Michael / Kasprowicz, Dawid / Rieger, Stefan: Unerwachen und Schlafen: Anthropophile Medien nach dem Interface

⇒ Ausführliche Angaben: HT020310449

Andriukaitien?, Regina / Vveinhardt, Jolita / ?ukauskas, Pranas: Management Culture and Corporate Social Responsibility
English. Inhaltliche Zusammenfassung: This monograph focuses on the level of management culture development in organizations attempting to disclose it not only with the help of theoretical insights but also by the approach based on employees and managers. Why was the term management culture that is rarely found in literature selected for the analysis? We are quite often faced with problems of terminology. Especially, it often happens in the translation from one language to another. While preparing this monograph, the authors had a number of questions on how to decouple the management culture from organizations culture and from organizational culture, how to separate management culture from managerial culture, et cetera. However, having analysed a variety of scientific research, it appeared that there is no need to break down the mentioned cultures because they still overlap. Therefore, it is impossible to completely separate the management culture from the formal or informal part of organizational culture. Management culture inevitably exists in every organization, only its level of development may vary.

⇒ Ausführliche Angaben: HT020308651

Androutsopoulos, Georgios: Caesarean Section
English. Inhaltliche Zusammenfassung: In this book, we present recent advances in surgical techniques as well as the most common perioperative complications in patients that undergo a cesarean section. Moreover, we discuss appropriate measures to reduce unnecessary procedures.
Anil: Metrology
English. Inhaltliche Zusammenfassung: Metrology, the science of measurement, is crucial for many sciences and technological developments. Since metrology helps to improve many other sciences, the book reflects in general metrology and some special metrological approaches at different fields such as radiation and frequency measurements in detail. This book also focuses on technical testing and control applications in the industry. It also intends the fundamentals of metrology concerning the related standards and systems of units. In addition, the book considers the calibration of measurement instruments and measurement uncertainties as the basic requirements of the related quality standards.
⇒ Ausführliche Angaben: HT020309022

Ansari, Mahmood-ur-Rahman: Protein-Protein Interaction Assays
English. Inhaltliche Zusammenfassung: The chapters in this book are written by a team of well-reputed international researchers. The objective is to provide advanced and updated information related to protein-protein interactions. I hope the methods, resources and approaches described here will enhance the available knowledge of the reader significantly.
⇒ Ausführliche Angaben: HT020308905

Antkowiak, Dirk / Kasper, Dennis / Passmann, Dirk: Bogenschießen leicht erklärt
EAN: 9783750416468,
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 796DNB 796DNB
⇒ DDC (Dewey Decimal Classification):
  - 79623sdnb 79623sdnb
⇒ Ausführliche Angaben: HT020308850

Antons, Christoph: Law and Development in East and South-East Asia
English. Inhaltliche Zusammenfassung: During the 1980s and 1990s Asian developmental states attracted much attention in political science and economics literature, but the role of law in the economic development was neglected. It was only after the Asian crisis of 1997 that many analysts began to focus on a lack of regulation and transparency as a major factor triggering the crisis. The crucial questions now are how successful the current reforms will be, and which features of the Asian approach to commercial law will be resistant to reform pressures. This book examines the prospects for commercial law reform in Asia, giving particular attention to Japan and Singapore, as frequently cited role models for Asian developmentalism, and also examining development related business laws in countries such as China, Korea, Indonesia, Malaysia, Vietnam and the Philippines.
⇒ Ausführliche Angaben: HT020314908

Appiah-Opoku, Seth: International Development
English. Inhaltliche Zusammenfassung: This book brings together leading researchers in the field of international development to examine issues relating to food security, health, rural development, human development, and institutional strengthening in developing countries. Based on empirical research, the book discusses a variety of topics including nutrition-sensitive
agricultural development in South Africa, household food security in Tanzania, medical research in Egypt, child mortality in Christian and Islamic countries, spot improvement of rural roads in Asia and Africa, resilience in natural disaster, the relationship between foreign aid and human development in Africa, and finally developing competencies for rural development project management through the creation of local action groups in Argentina. The book is insightful and serves as an important reference material on international development.

⇒ Ausführliche Angaben: HT020308235

Apprich, Clemens / Cramer, Florian / Chun, Wendy Hui Kyong: Pattern Discrimination
English. Inhaltliche Zusammenfassung: Algorithmic identity politics reinstate old forms of social segregation—in a digital world, identity politics is pattern discrimination. It is by recognizing patterns in input data that Artificial Intelligence algorithms create bias and practice racial exclusions thereby inscribing power relations into media. How can we filter information out of data without reinserting racist, sexist, and classist beliefs?

⇒ Ausführliche Angaben: HT020310453

April, Wilfred Isak: Culture and Identity
English. Inhaltliche Zusammenfassung: This book is a wonderful celebration of culture and identity, especially from the cultural lens of the various authors nation of origin. Culture is viewed as a collective programming of the mind and is at times compared to an onion—the more you peel off the layers, the more you get to learn about the values, beliefs, and norms of the respective societies. As complex as the onion diagram is, and it gives the possibilities of tears due to its complexity, a great understanding is critical to interact and communicate effectively. It is a unique tribute to the many scholars who have embarked on this journey of exploring culture and how identity is defined. It is an intellectual discourse that could act as a springboard for many more experiments to be conducted around the world, more specifically the multidimensional aspects of culture and identity. Other interesting elements in this book are the many historical details and the abundance of insightful illustrations.

⇒ Ausführliche Angaben: HT020308682

Aqqal, Abdelhak / Haidine, Abdelfatteh: Broadband Communications Networks - Recent Advances and Lessons from Practice
English. Inhaltliche Zusammenfassung: Nowadays, the Internet plays a vital role in our lives. It is currently one of the most effective media that is shifting to reach into all areas in today’s society. While we move into the next decade, the future of many emerging technologies (IoT, cloud solutions, automation and AI, big data, 5G and mobile technologies, smart cities, et cetera) is highly dependent on Internet connectivity and broadband communications. The demand for mobile and faster Internet connectivity is on the rise as the voice, video, and data continue to converge to speed up business operations and to improve every aspect of human life. As a result, the broadband communication networks that connect everything on the Internet are now considered a complete ecosystem routing all Internet traffic and delivering Internet data faster and more flexibly than ever before. This book gives an insight into the latest research and practical aspects of the broadband communication networks in support of many emerging paradigms/applications of global Internet from the traditional architecture to the incorporation of smart applications. This book includes a preface and introduction by the editors, followed by 20 chapters written by leading international researchers, arranged in three parts. This book is recommended for researchers and professionals in the field and may be used as a reference book on broadband communication networks as well as on practical uses of wired/wireless broadband communications. It is also a concise guide for students and readers interested in studying Internet connectivity, mobile/optical broadband networks and concepts/applications of telecommunications engineering.

⇒ Ausführliche Angaben: HT020308997
**Aranguren, Patricia: Bringing Thermoelectricity into Reality**  
English. Inhaltliche Zusammenfassung: The disproportionate use of fossil fuels has turned into a serious environmental issue. Thus, we are encountering one of the biggest challenges of the twenty-first century, satisfying the energy demand with respect to the environment. Thermoelectricity is an emerging technology, which contributes to reducing the impact of the use of traditional technologies, harvesting the waste heat, and eliminating the use of refrigerants. The book Bringing Thermoelectricity into Reality covers the current thermoelectric investigations: the study of novel thermoelectric materials, the development of computational models, the design of proper assemblies, and the optimization of thermal designs, as well as novel thermoelectric generators, coolers, and heating applications. This book looks for the definitive thermoelectric applications applied to everyday life.

⇒ Ausführliche Angaben: HT020308838

**Aranzadi, Javier: Liberalism against Liberalism**  
English. Inhaltliche Zusammenfassung: The defence of the market and economic freedom have been the main objectives of the investigations by liberal thinkers such as Milton Friedman, Gary Becker, F Hayek and L Von Mises. Bearing in mind that the first two economists are the maximum exponents of the Chicago School and the last two of the Austrian School, it is often concluded that the theories of both schools are similar. This book demonstrates that in reality, there is no convergence or complementariness to be found between both schools of thought. The anthropological categories, contributed by Mises, allow us to understand all human phenomena from the view of the man who acts. In this view, economics is part of a philosophical system whose core is the creative capacity of people. Becker’s work, on the other hand, is concentrated on the generalization of the homo economicus as the basis for explaining all human behaviour. He generalizes the maximizing principle to explain all human reality, and extends the scope of the application of a so-called scientific and technical view of the world. In this key volume, an important read for those in the fields of economic theory and political economy, Javier Aranzadi argues, in essence, that the tradition of Hayek and Mises encourages a humanistic liberalism, whereas the Chicago School proposes only a technical humanism.

⇒ Ausführliche Angaben: HT020310204

**Araque Hontangas, Natividad: El instituto femenino Isabel la Católica: un centro modélico del CSIC**  
spa. Inhaltliche Zusammenfassung: Este libro intenta cubrir el vacío historiográfico existente sobre el funcionamiento del Instituto Femenino de Enseñanza Media Isabel la Católica, por ser el más señorío debido a su vinculación con el CSIC y por ser un Centro modélico, que se instaló en los edificios que pertenecieron al Instituto-Escuela de Retiro, haciéndose acreedor de una magnífica colección de libros y de material didáctico que se enriqueció, posteriormente, con las asignaciones que recibió del Ministerio de Educación Nacional, bajo la indicación del CSIC. En sus comienzos contó con algunos profesores vinculados al Instituto-Escuela, quienes desarrollaron métodos de educación basados en la participación y la creatividad de las alumnas.-.

⇒ Ausführliche Angaben: HT020309834

**Araton, Harvey / van Gundy, Jeff: Erfolgsstory NBA**


⇒ Ein Medium

- Freihand:

⇒ DDC (Dewey Decimal Classification):

- 830DNB 830DNB
Arend, Jan: Russlands Bodenkunde in der Welt
⇒ Ausführliche Angaben: HT020312454

Ares, Alicia Esther: Shape-Memory Materials
English. Inhaltliche Zusammenfassung: Shape-memory materials are materials that react under variations of electric or magnetic fields, physical or chemical changes, and that when returning to the initial conditions recover their original form, capable of repeating this process an infinite number of times without deteriorating. The characteristics, fabrication techniques, and thermomechanical treatment of various shape-memory materials are described in detail in this book. The book describes several principles and applications.
⇒ Ausführliche Angaben: HT020309015

Ares, Alicia Esther: Solidification
English. Inhaltliche Zusammenfassung: Almost all processing of technologically important materials includes a process where liquid material is cooled to form a solid, called solidification. In order to form a solid from an undercooled melt, the formation of crystalline nuclei and growth of these nuclei to form a solid are necessary. The process of an atom jumping from the liquid to the solid is a diffusive jump with a driving force. The book Solidification is logically developed through a careful presentation of the relevant theories and models of solidification occurring in a variety of materials. Mathematicians, chemists, physicists, and engineers concerned with melting/freezing phenomena will also find this book to be valuable.
⇒ Ausführliche Angaben: HT020308618

Ares, Alicia Esther: X-ray Scattering
English. Inhaltliche Zusammenfassung: X-ray scattering techniques are a family of nondestructive analytical techniques. Using these techniques, scientists obtain information about the crystal structure and chemical and physical properties of materials. Nowadays, different techniques are based on observing the scattered intensity of an X-ray beam hitting a sample as a function of incident and scattered angle, polarization, and wavelength. This book is intended to give overviews of the relevant X-ray scattering techniques, particularly about inelastic X-ray scattering, elastic scattering, grazing-incidence small-angle X-ray scattering, small-angle X-ray scattering, and high-resolution X-ray diffraction, and, finally, applications of X-ray spectroscopy to study different biological systems.
⇒ Ausführliche Angaben: HT020309631
Aretz, Markus: Mythos Bökelberg

⇒ Ein Medium
  - Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 720DNB 720DNB
  - 796DNB 796DNB
⇒ NWBib (Nordrhein-Westfälische Bibliographie):
  - Mönchengladbachhttps://nwbib.de/spatial#Q2758
  - Sportvereinehttps://nwbib.de/subjects#N736050
  - Öffentliche Gebäudehttps://nwbib.de/subjects#N843020
⇒ Schlagwörter:
  - Bökelberg Mönchengladbach
  - Geschichte 1900-2003
⇒ Ausführliche Angaben: HT020304723

Aribi, Mourad: Immunopathogenesis and Immune-based Therapy for Selected Autoimmune Disorders
English. Inhaltliche Zusammenfassung: The book Immunopathogenesis and Immune-Based Therapy for Selected Autoimmune Disorders is a synthesis work that discusses two main aspects of autoimmunity: Immunopathogenesis and therapeutic approaches essentially based on the immunotherapies. This book deals with different topics on a number of autoimmune disorders, including type 1 diabetes, autoimmune cardiomypathy, autoimmunity of gastrointestinal tract, systemic sclerosis, and myasthenia gravis. This book will be useful to clinicians, biologists, researchers, teachers, and students who are interested in immunology and immunopathology.
⇒ Ausführliche Angaben: HT020308199

Aribi, Mourad: Natural Killer Cells
English. Inhaltliche Zusammenfassung: The book Natural Killer Cells is the result of a collective work that addresses in a clear and comprehensive way for readers and through as many sensuous details as possible, the most and various fundamental aspects of natural killer cells, as well as their clinical applications in cancer immunotherapy. This book will serve as an invaluable resource and pedagogical support for clinicians, researchers, basic scientists, immunology and immunopathology lecturers, as well as for students in biology and medicine, especially the ones with an advanced understanding of immunology.
⇒ Ausführliche Angaben: HT020308513

Arif, Thawar T.: Aerospace Technologies Advancements
English. Inhaltliche Zusammenfassung: Space technology has become increasingly important after the great development and rapid progress in information and communication technology as well as the technology of space exploration. This book deals with the latest and most prominent research in space technology. The first part of the book (first six chapters) deals with the algorithms and software used in information processing, communications and control of spacecrafts. The second part (chapters 7 to 10) deals with the latest research on the space structures. The third part (chapters 11 to 14) deals with some of the latest applications in space. The fourth part (chapters 15 and 16) deals with small satellite technologies. The fifth part (chapters 17 to 20) deals with some of the latest applications in the field of aircrafts. The sixth part (chapters 21 to 25) outlines some recent research efforts in different subjects.
⇒ Ausführliche Angaben: HT020309536
Aristoteles / Primavesi, Oliver / Corcilius, Klaus: De motu animalium
⇒ Ein Medium
- Freihand:
⇒ Schlagwörter:
- Bewegung
- Bewegungslehre
- Organismus
- Seele
⇒ Ausführliche Angaben: HT017274494

Arjunan, Pachiappan: Periodontitis - A Useful Reference
English. Inhaltliche Zusammenfassung: Periodontitis - A Useful Reference is a comprehensive book compiled by a team of experts with the objective of providing an overview of the basic pathology of periodontitis and its implication on oral health and general systemic health. Periodontitis has become a global health burden in recent days. It is noteworthy that oral health is being considered as the mirror of general health and the study of oral-systemic health connections has advanced among scientists, clinicians, and the public as well. We wish the array of chapters that highlights the importance and impact of periodontal health could be a useful guide for the community of public, students, and clinicians.
⇒ Ausführliche Angaben: HT020308477

Arkhipov, Alexandre / Epps, Patience / O'Connor, Loretta: Chapter All typologies leak
English. Inhaltliche Zusammenfassung: In his (1921) book, Language, Sapir made the famous observation, "All grammars leak" (38). By this he meant that within the systematic paradigms, rules and routinized patterns of any grammar, we always find a few irregularities and surprises. The same can be said for linguistic typologies. Typological theories are critical tools for linguists, for exploring differences and similarities among languages, for learning about the cognitive factors and social practices that make languages the way they are, and for making predictions about other properties of languages that are members of a certain type. So what do we do when a typology leaks? This paper follows the spirit of such work as Aske (1989) on path types and Mithun and Chafe (1999) on grammatical relations types to understand the grammatical and functional motivations of language-internal typological diversity: that is, why and how a single language uses patterns and constructions of more than one type.
⇒ Ausführliche Angaben: HT020310442

Arof, Hamzah / Harun, Sulaiman W. / Yasin, Moh.: Selected Topics on Optical Fiber Technology
English. Inhaltliche Zusammenfassung: This book presents a comprehensive account of the recent advances and research in optical fiber technology. It covers a broad spectrum of topics in special areas of optical fiber technology. The book highlights the development of fiber lasers, optical fiber applications in medical, imaging, spectroscopy and measurement, new optical fibers and sensors. This is an essential reference for researchers working in optical fiber researches and for industrial users who need to be aware of current developments in fiber lasers, sensors and other optical fiber applications.
⇒ Ausführliche Angaben: HT020307849

Aronow, Wilbert S.: Coronary Artery Bypass Graft Surgery
The book Coronary Artery Bypass Graft Surgery is an excellent update for health care professionals, taking care of patients who are being considered for or who have had coronary artery bypass graft surgery. The 8 chapters in this book are all written by experts in their topics. This excellent book provides the practicing physician and other healthcare personnel, who take care of patients with coronary artery disease, new information valuable in care of patients with coronary artery disease.

Arslan, Banu / Karcioglu, Ozgur: Poisoning in the Modern World - New Tricks for an Old Dog?

English. Inhaltliche Zusammenfassung: Over 400 years ago, Swiss alchemist and physician Paracelsus (1493-1541) cited: All substances are poisons; there is none that is not a poison. The right dose differentiates a poison from a remedy. This is often condensed to: The dose makes the poison. So, why are we overly anxious about intoxications? In fact, poisons became a global problem with the industrial revolution. Pesticides, asbestos, occupational chemicals, air pollution, and heavy metal toxicity maintain high priority worldwide, especially in developing countries. Children between 0 and 5 years old are the most vulnerable to both acute and chronic poisonings, while older adults suffer from the chronic effects of chemicals. This book aims to raise awareness about the challenges of poisons, to help clinicians understand current issues in toxicology.

Arthur, James: Faith and Secularisation in Religious Colleges and Universities

English. Inhaltliche Zusammenfassung: This book is a detailed study of higher education institutions affiliated to particular religions. It considers the debates surrounding academic freedom, institutional governance, educational policy, mission and identity together with institutions’ relations with the state and their wider communities. A wide range of institutions are examined, including: Christian, Islamic and Jewish universities in the US, Europe and the Middle East. Essentially, this volume questions whether such institutions can be both religious and a ‘university’ and also considers the appropriate role of religious faith within colleges and universities.

Artis, Aise Seda: Blood Pressure - From Bench to Bed

English. Inhaltliche Zusammenfassung: Since the discovery of blood pressure by Stephen Hales in 1733, scientific interest in blood pressure regulation, particularly in hypertensive population, has not lost its popularity. The importance of the interactive effects of blood pressure shifts in different clinical conditions is well understood. We know many contributing factors regulate the pressure of the blood within the arteries. However, crucial blood pressure control and the exact mechanisms involved are still under debate. The present book aims to cover blood pressure from its measurement to various factors of its control with valuable contributions from different authors, in the light of contemporary data, from bench to bed.

Arweck, Elisabeth: Researching New Religious Movements

English. Inhaltliche Zusammenfassung: New religious movements such as the Moonies, Jehovahs Witnesses and Hare Krishnas are now well established in mainstream cultural consciousness. But responses to these cult groups still tend to be overwhelmingly negative, characterized by the furious reactions that they evoke from majority interests. Modern societies
need to learn how best to respond to such movements, and how to interpret their benefits and dangers. Researching New Religious Movements provides a cutting-edge analysis of the controversy around new religions in America and Europe today. Drawing on original fieldwork, it explores the battles between the recruiting factions of groups like the Moonies, and the anti-cult movements and Church societies that have mobilized to oppose these. It considers academic and media interventions on both sides, placing special emphasis on the problems of objectivity inherent in the language of sects, abduction and brainwashing. Ideal for students, researchers and professionals, this provocative and much-needed book takes the debate over new religious movements to a newly sophisticated level.

⇒ Ausführliche Angaben: HT020310153

Asadpour, Vahid: Digital Systems
English. Inhaltliche Zusammenfassung: This book provides an approach toward the applications and principle theory of digital signal processing in modern intelligent systems, biological engineering, telecommunication, and information technology. Assuming the reader already has prior knowledge of signal processing theory, this book will be useful for finding novel methods that fit special needs in digital signal processing (DSP). The combination of signal processing and intelligent systems in hybrid structures rather than serial or parallel processing provide the best mechanism that is a better fit with the comprehensive nature of human. This book is a practical reference that places the emphasis on principles and applications of DSP in digital systems. It covers a broad area of digital systems and applications of machine learning methods including convolutional neural networks, evolutionary algorithms, adaptive filters, spectral estimation, data compression and functional verification. The level of the book is ideal for professional DSP users and useful for graduate students who are looking for solutions to their design problems. The theoretical principles provide the required base for comprehension of the methods and application of modifications for the special needs of practical projects.

⇒ Ausführliche Angaben: HT020309129

Asaduzzaman, Md. / Asao, Toshiki: Amino Acid - New Insights and Roles in Plant and Animal
English. Inhaltliche Zusammenfassung: Amino Acid - New Insights and Roles in Plant and Animal provides useful information on new aspects of amino acid structure, synthesis reactions, dietary application in animals, and metabolism in plants. Section 1 includes chapters that describe the therapeutic uses, antiallergic effects, new aspects in the D-amino acid structure, historical background of desmosines, and stereoselective synthesis of ?-aminophosphonic acids. Section 2 presents the role of amino acids in plants, which includes new insights and aspects of D-amino acids, metabolism and transport in soybean, changes during energy storage compound accumulation of microalgae, and determination of amino acids from natural compounds. Section 3 describes the chapters on methodologies and requirement of dietary amino acids for Japanese quails, laying hens, and finishing pigs. The final chapter identifies potential importance of glutathione S-transferase activity for generating resistance to triclabendazole in Fasciola hepatica.

⇒ Ausführliche Angaben: HT020308306

Asaduzzaman, Md / Asao, Toshiki: Phytochemicals - Source of Antioxidants and Role in Disease Prevention
English. Inhaltliche Zusammenfassung: Phytochemicals provides original research work and reviews on the sources of phytochemicals, and their roles in disease prevention, supplementation, and accumulation in fruits and vegetables. The roles of anthocyanin, flavonoids, carotenoids, and taxol are presented in separate chapters. Antioxidative and free radicle scavenging activity of phytochemicals is also discussed. The medicinal properties of Opuntia, soybean, sea buckthorn, and gooseberry are presented in a number of chapters. Supplementation of plant extract with phytochemical properties in broiler meals is discussed in one chapter. The
final two chapters include the impact of agricultural practices and novel processing technologies on the accumulation of phytochemicals in fruits and vegetables. This book mainly focuses on medicinal plants and the disease-preventing properties of phytochemicals, which will be a useful resource to the reader.

⇒ Ausführliche Angaben: HT020309108

Asaduzzaman, Md / Asao, Toshiki: Strawberry - Pre- and Post-Harvest Management Techniques for Higher Fruit Quality

English. Inhaltliche Zusammenfassung: This book mainly deals with pre- and postharvest management practices of the strawberry to ensure that high-quality fruits are delivered to the consumer. The influence of climatic variables, cultural practices, harvesting techniques, and use of chemicals and other natural compounds on fruit quality are discussed. Factors affecting fruit growth and development and processes regarding maturation and biochemical changes during fruit ripening are also presented in one of the chapters of this book. Some chapters provide information regarding harvesting, storing, packaging, transporting, and also selling that affect strawberry quality greatly. Enhancement of yield and antioxidant contents in the strawberry by various natural products, including chitosan and probiotic bacterial, are also included in this book. The final chapter states that antioxidants present in strawberry fruit play a dietary role in alleviating oxidative stress in experimental liver models. This book focuses on the postharvest quality management of the strawberry and provides a useful resource to educationists, traders, and commercial strawberry growers.

⇒ Ausführliche Angaben: HT020309521

Asao, Toshiki / Asaduzzaman, Md: Potassium - Improvement of Quality in Fruits and Vegetables Through Hydroponic Nutrient Management

English. Inhaltliche Zusammenfassung: The book Potassium - Improvement of Quality in Fruits and Vegetables Through Hydroponic Nutrient Management provides useful information regarding potassium nutrition management in hydroponic cultivation, which will help in producing quality horticultural crops. The first few chapters describe the role of potassium nutrition in plants, its interaction with other nutrients, its source fertilizers, the role in post-harvest produce qualities, and human nutrition. Potassium fertilizer management, its metabolism in plants, and cultivation techniques of fruits and leafy vegetables are also included in the middle section. The final chapter illustrates the software development for the calculation of hydroponic nutrients including potassium for easy management of cultural solution. As a whole, this book covers several major aspects on the topic for making it a complete and useful resource.

⇒ Ausführliche Angaben: HT020308719

Asao, Toshiki / Asaduzzaman, Md.: Vegetables - Importance of Quality Vegetables to Human Health

English. Inhaltliche Zusammenfassung: The book Vegetables - Importance of Quality Vegetables to Human Health provides useful and interesting information on the nutritional qualities of different vegetables and their roles in disease prevention. Quality vegetable production through hydroponic cultivation techniques is also included. The first few chapters discuss the importance of quality vegetables to human diet and health, and noncommunicable disease prevention. Nutritional qualities and bioactive compounds in freshly grown vegetables through hydroponics and soilless cultures are discussed in the middle part of the book. The final chapter describes methods of sea vegetable utilization in food formulation. This book mainly focuses on the nutritional quality of vegetables and disease prevention, their production methods, preparation, and cooking methods, making it a complete and useful resource to readers.

⇒ Ausführliche Angaben: HT020308919
Åsberg, Cecilia / Sjögren, Ebba / Johnson, Ericka: Glocal Pharma
English. Inhaltliche Zusammenfassung: The Open Access version of this book, available at http://www.tandfebooks.com, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 3.0 license. An exploration of how global pharmaceutical products are localized - of what happens when they become ‘glocal’ - this book examines the tensions that exist between a global pharmaceutical market and the locally bounded discourses and regulations encountered as markets are created for new drugs in particular contexts. Employing the case study of the emergence, representation and regulation of Viagra in the Swedish market, Glocal Pharma offers analyses of commercial material, medical discourses and legal documents to show how a Swedish, Viagra-consuming subject has been constructed in relation to the drug and how Viagra is imagined in relation to the Swedish man. Engaging with debates about pharmaceuticalization, the authors consider the ways in which new identities are created around drugs, the redefinition of health problems as sites of pharmaceutical treatment and changes in practices of governance to reflect the entrance of pharmaceuticals to the market. With attention to ‘local’ contexts, it reveals elements in the nexus of pharmaceuticalization that are receptive to cultural elements as new products become embedded in local markets. An empirically informed study of the the ways in which the presence of a drug can alter the concept of a disease and its treatment, understandings of who suffers from it and how to cure it - both locally and internationally - this book will appeal to scholars of sociology and science and technology studies with interests in globalization, pharmaceuticals, gender and the sociology of medicine.
⇒ Ausführliche Angaben: HT020310240

Asch, Ronald G.: Herbst des Helden
⇒ Ausführliche Angaben: HT020307598

Asfour, Aktham: Magnetic Sensors - Development Trends and Applications
English. Inhaltliche Zusammenfassung: This book presents an overview of some trends of research and development in the area of magnetic sensors, from materials to applications. A first focus is made on the topics of amorphous micro-wires and thin-film structures and their fabrication, characterization, and application for magnetic sensors based on the effects of giant magneto-impedance (GMI) and magneto-elasticity. A second section deals with the magneto-impedance (MR) sensors, from the development of new materials to sensor implementation and applications. Intended for readers wishing to acquire understanding of the
current trends in these areas and comprehension of the issues and the potential of applications of these sensors, this book addresses exciting topics in this field.

⇒ Ausführliche Angaben: HT020308491

Ashraf, Ghulam Md.: Advances in Dementia Research

English. Inhaltliche Zusammenfassung: Advances in Dementia Research provides a comprehensive overview of Alzheimers dementia. This book also represents the association between the components of metabolic syndrome and Alzheimers disease. Vascular dementia associated with neurodegeneration and cognitive impairments is due to multiple complications of the neurovascular system. This book attempts to explore the recent advancements of enzyme targets for the management of vascular dementia. Furthermore, this book highlights the effectiveness of social recreational programs as an example of a recovery intervention for persons with dementia that focuses on reducing the risk of social isolation associated with dementia. Together the insightful research presented in this book provides valuable information for neuroscientists, researchers, medical professionals, academicians, and upper-level students, as well as for industry professionals.

⇒ Ausführliche Angaben: HT020309337

Asiri, Abdullah M. / Rahman, Mohammed Muzibur: Nanofiber Research - Reaching New Heights

English. Inhaltliche Zusammenfassung: This book titled Nanofiber Research - Reaching New Heights contains a number of latest research results on growth and developments on material fibers in nanoscale. It is a promising novel research area that has received a lot of interest in recent years. This book includes interesting reports on cutting-edge science and technology related to synthesis, morphology, control, self-assembly and prospective application of nanofibers. I hope that the book will lead to systematization of nanofiber science, creation of new nanofiber research field and further promotion of nanofiber technology. This potentially unique work offers various approaches on the implementation of nanofibers. As it is widely known, nanotechnology presents the control of matter at the nanoscale and nano-dimensions within few nanometers, whereas this exclusive phenomenon enables us to regulate and control novel applications with nanofibers. This book presents an overview of recent and current nanofibers fundamental, significant applications and implementation research worldwide. It examined the methods of nanofiber synthesis, types of fibers used and potential applications associated with nanofiber researches. It is an important booklet for research organizations, governmental research centers, academic libraries and R&D affiliated in recent research and development of nanofibers.

⇒ Ausführliche Angaben: HT020308049

Asiri, Abdullah Mohamed / Rahman, Mohammed Muzibur: Advances in Colloid Science

English. Inhaltliche Zusammenfassung: This book Advances in Colloid Science covers a number of up-to-date research advancement and progresses on colloids. It is a promising novel research field that has acknowledged a lot of interest recently. Here, the exciting scientific reports on cutting edge of science and technology associated to facile and economical synthesis, self-assembly, wettability, liquid crystallinity, physical properties, adoptions, morphology, control, drug design, structural properties, and prospective biological and optical implementation of newly designed colloids are concluded. This book presents an overview of recent and current colloidal study of fundamental and significant applications and implementation research worldwide. The colloidal science offers significant new and exciting challenges in biomedical, chemical, physical, and technological field. It is an important booklet for research organizations, governmental research centers, academic libraries, and R&D affiliated in recent research and advancement of colloids.
Asiri, Abdullah Mohamed / Rahman, Mohammed Muzibur: Carbon Nanotubes - Recent Progress
English. Inhaltsliche Zusammenfassung: The book Carbon Nanotubes - Recent Progress contains a number of recent researches on synthesis, growth, characterization, development, and potential applications on carbon materials especially CNTs in nanoscale. It is a promising novel research from top to bottom that has received a lot of interest in the last few decades. It covers the advanced topics on the physical, chemical, and potential applications of CNTs. Here, the interesting reports on cutting-edge science and technology related to synthesis, morphology, control, hybridization, and prospective applications of CNTs are concluded. This potentially unique work offers various approaches on the R&D implementation of carbon-related materials and their hybrids. Basically, we know that nanotechnology offers the regulating of substances at the nanoscale and nanodimension substances in few nanometers, in which exclusive phenomenon facilitates us to control the novel practical applications with carbon materials or CNTs. Here, in this book, an overview of current CNTs fundamental and substantial applications and enactment of the research worldwide is presented. The techniques of CNT preparation, types of carbon material utilization, and possible applications related with CNTs or carbon-hybrid material researches were investigated. It is an important booklet for research organizations, governmental research centers, academic libraries, and R&D affiliated in recent research and development of carbon nanotubes.

Asiri, Abdullah Mohamed / Rahman, Mohammed Muzibur: Electrochemical Sensors Technology
English. Inhaltsliche Zusammenfassung: This book Electrochemical Sensors Technology mostly reviews the modern methods and significant electrochemical and electroanalytical applications of chemical sensors and biosensors. Chapters of this book are invited and contributed from the experts throughout the world from prominent researchers and scientists in the field of sensors and in the field of electro- and biochemistry. Each chapter provides technical and methodological details beyond the level found in typical journal articles or reviews and explores the application of chemical sensors, environmental sensors, and biosensors to a significant problem in biomedical and environmental science, also providing a prospectus for the future. This book compiles with the expert knowledge of many specialists in the construction and use of chemical sensors and biosensors including chemical sensors, biological sensors, DNA sensors, immunosensors, gaseous sensors, ionic sensors, bioassay sensors, lab-on-chips, devices, portable sensors, microchips, nanosensors, implantable microsensors, and so on in the field of fundamental and applied electrochemistry. Highlights and importance are laid on real or practical problems, ranging from chemical application to biomedical monitoring, from in vitro to in vivo, and from single cell to animal to human measurement. This offers a unique opportunity of exchanging and combining the scientist or researcher in electrochemical sensors in largely chemistry, biological engineering, electronic engineering, and biomedical and physiological fields.

Asiri, Abdullah Mohamed / Rahman, Mohammed Muzibur: Recent Progress in Organometallic Chemistry
English. Inhaltsliche Zusammenfassung: The book Recent Progress in Organometallic Chemistry mostly reviews the modern techniques and substantial organometallic and medical applications of inorganic materials. Chapters of this book are invited and contributed from the experts throughout the world from prominent researchers and scientists in the field of inorganic chemistry on organometallics and metalloccenes. Each chapter provides technical and methodological details beyond the level found in typical journal articles or reviews and
explores the application of organometallics, medicinal, inorganic, and catalysis to a significant problem in medical and catalysis, also providing a prospectus for the future. This book compiles with the expert knowledge of many specialists in the organic-inorganic synthesis and use of inorganic catalyst and metallocenes including chemical catalysis, biological catalysis, photo-electrocatalysis, bioassays, industrial catalysis, large-scale synthesis, micronanocatalyst, and so on in the field of fundamental and applied organometallic chemistry. Highlighting and importance are included on real and practical problems, ranging from industrial to medical applications and from single-multicells to animal to human objects. This offers the unique opportunity of exchanging and combining the scientist or researcher in organometallic chemistry in largely chemistry, biological, biomedical, physiological, metallocene, and inorganic chemistry fields.

⇒ Ausführliche Angaben: HT020308330

Asiri, Abdullah Mohammed / Rahman, Mohammed: Gold Nanoparticles - Reaching New Heights

English. Inhaltsübersicht: Gold Nanoparticles - Reaching New Heights contains recent research on the preparation, characterization, fabrication, and potential of optical and biological applications of gold nanoparticles (AuNPs). It is promising novel research that has received a lot of interest over the last few decades. It covers advanced topics on optical, physical, medicinal, and biological applications of AuNPs. Development of green nanotechnology is generating the interest of researchers towards the synthesis of eco-friendly, safe, non-toxic applications, which can be used for manufacture at a large scale. These are simple, cost-effective, stable, enduring, and reproducible aqueous room temperature synthesis applications to obtain the self-assembly of AuNPs. This potentially unique work offers various approaches to R&D with AuNP materials in aqueous or non-aqueous phases through fully modified or unmodified states as hybrids. Nanotechnology and nanoscience can regulate substances at the nanoscale, and nanodimension substances of a few nanometers allow us to control the novel practical applications of AuNPs. This book presents an overview of current AuNP fundamental and substantial applications and research worldwide, which investigates the techniques of AuNP preparation, various types of characterization, and possible applications related to AuNP research. It is an important book for research organizations, government research centers, academic libraries, and R&D groups interested in recent research and development of AuNPs.

⇒ Ausführliche Angaben: HT020309221

Askun, Tulin: Fusarium - Plant Diseases, Pathogen Diversity, Genetic Diversity, Resistance and Molecular Markers

English. Inhaltsübersicht: Fusarium species are ubiquitous environmental fungi and can cause severe invasive infections in plants. They are crop pathogens, and consumption of such infected crops can cause diseases in humans and animals. Furthermore, they act as spoilage organisms in stored products, such as wheat, sorghum, rice, and corn (maize). Fusarium species are mycotoxin producers and contaminate food and grains. Therefore, their eradication and management have economic importance as they can cause enormous economic and agricultural production losses. Despite the fact that the genus Fusarium Link (1809) has been known for over 200 years, new scientific information is being revealed by rapid advancements and breakthrough findings of interdisciplinary studies. This book presents an introductory overview of an update to the scientific knowledge about Fusarium. It discusses various aspects of Fusarium, such as its genetic diversity, root rot incidence and severity, genetic resistance, molecular markers, mycotoxins, diseases caused by Fusarium, and their management and the biological control of these phytopathogens. Furthermore, it also elaborates upon new plant secondary metabolites that are effective against Fusarium and the molecular interaction between Fusarium and the plant.

⇒ Ausführliche Angaben: HT020308837

Aslanidis, Theodoros: Highlights on Hemodynamics
English. Inhaltliche Zusammenfassung: In the era of functional hemodynamic monitoring and computational modeling, the present book published by IntechOpen® highlights some interesting aspects in the field. Divided into two sections, it presents hemodynamic topics of special interest. Thus, the authors offer the readers not only a vigorous review of the current literature but also a research direction for further advancement.

⇒ Ausführliche Angaben: HT020309090

Aslanidis, Theodoros K.: Special Topics in Resuscitation
English. Inhaltliche Zusammenfassung: This book, published by IntechOpen, highlights some interesting topics of resuscitation. Divided into two sections, the book emphasizes details about the role of the Emergency Medical Services Physician in prehospital resuscitation as well as special circumstances, such as resuscitation in the delivery room and possible future applications in the field, like the use of transthoracic impedance signal. The authors offer the reader not only a vigorous review of the current literature but also a research path for further advancement.

⇒ Ausführliche Angaben: HT020309068

Aslanidis, Theodoros: Resuscitation Aspects
English. Inhaltliche Zusammenfassung: In an era of transition from "classic" Cardiopulmonary resuscitation (CPR) to assisted device-CPR or hemodynamic driven CPR, this book, published by InTechOpen, highlights some interesting aspects of resuscitation. Divided in three sections, the research presented emphasizes the details of resuscitation in special circumstances to possible future applications in the field. The authors offer us not only a “vigorous” review of the current literature but also a research road map for further advancement.

⇒ Ausführliche Angaben: HT020308502

Aspromourgos, Tony / Lodewijks, John: History and Political Economy
English. Inhaltliche Zusammenfassung: Impressive and authoritative, this essential book brings together a collection of essays in honour of Peter Groenewegen, one of the most distinguished historians of economic thought of a generation. His work on a wide range of economic theorists such as Adam Smith, François Quesnay and Alfred Marshall approaches a level of near insuperability.

⇒ Ausführliche Angaben: HT020310235

Athari, Seyyed Shamsadin: Allergen
English. Inhaltliche Zusammenfassung: Allergy is a main problem of public health in the world. Many people in all countries are suffering from this problem. Some diseases (id est allergic rhinitis, allergic asthma, food allergy, urticaria, eczema, et cetera) have allergic reaction pathophysiology, and with control of allergic mechanisms, these diseases can be controlled and cured. The current book entitled Allergen has focused on allergy, mechanism, diagnosis, treatment, and other related problems. Chapters of the book have good data on allergy-based medical sciences and would be a benefit for all researchers in immunology, allergy, and asthma fields. Current discussions would be useful for prevention, diagnosis, treatment, and follow-up of atopic patients. We hope these chapters could be a new approach in immunotherapy of allergic diseases and help in the progress of healthy system.

⇒ Ausführliche Angaben: HT020308459

Athari, Seyyed Shamsadin: Immunoregulatory Aspects of Immunotherapy
English. Inhaltliche Zusammenfassung: Immunotherapy is an innovative, leading and valuable approach to the treatment and control of many diseases. It can solve many problems of
public health worldwide. Many people in numerous countries are suffering from a wide range of diseases (communicable and non-communicable) that can be cured or controlled by the immune system and immunotherapy. Some immunological diseases (id est allergic reactions and asthma, autoimmune disease, immunodeficiency disease, hypersensitivity reactions, et cetera) have immune response pathophysiology and by controlling immune system mechanisms, these diseases can be controlled and cured. Immunoregulatory Aspects of Immunotherapy focuses on immune system mechanism, diagnosis, treatment and other related problems. The chapters have applicable and scientific data in immunotherapeutic approaches based on medical sciences, and would be of benefit to all researchers in immunology, allergy and asthma fields. The book discusses the prevention, diagnosis, treatment and follow-up of patients who have dangerous diseases. We hope this book will be a new approach to the immunotherapy of diseases and will improve public health and wellbeing.

Ather, M. Hammad: Bladder Cancer - Management of NMI and Muscle-Invasive Cancer
English. Inhaltliche Zusammenfassung: Bladder cancer is one of the most exciting urological cancers. It exists in two forms - non-muscle-invasive (NMI) and muscle-invasive (MI) disease. The difference in the clinical picture has been the focus of significant research in defining the molecular characteristics of urothelial cancer (UC) of the bladder. This book provides an overview of the most hotly debated areas in bladder cancer. Authors have focused on the emerging role of markers for NMI UC and various ways of improving the efficacy of current chemotherapy in the first section. The second section has focused on the surgical aspects of MI UC. Two major areas of debate - the role of pelvic lymph node dissection and genital sparing surgery - are discussed in this section.

Atkinson, Paul / Glasner, Peter: New Genetics, New Social Formations
English. Inhaltliche Zusammenfassung: New genetic technologies cut across a range of public regulatory domains and private lifeworlds, often appearing to generate an institutional void in response to the complex challenges they pose. As a result, a number of new social formations are being developed to legitimate public engagement and avoid the perceived democratic deficit that may result. Papers in this volume discuss a variety of these manifestations in a global context, including: genetic data banks committees of inquiry non-governmental organisations (NGOs) national research laboratories. These institutions, across both health and agriculture, are explored in such diverse locations as Amazonia, China, Finland, Israel, the UK and the USA. This volume exhibits a clear thematic coherence around the impact of the new genetics and their associated technologies on new social formations, and the case studies included have a significant international focus, showing a balance between theoretical and empirical approaches in this rapidly changing field. This innovative new volume will be of interest to postgraduates and professionals in the fields of sociology, social anthropology, science and technology studies, and environmental studies.

Atroshi, Faik: Cancer Causing Substances
English. Inhaltliche Zusammenfassung: Cancer risk factors include exposure to certain substances, which may contribute to the development of cancer. However, substances can have different levels of cancer-causing potential, and the risk of developing cancer is dependent on several factors, including individual genetic background and the amount and duration of the exposure. This book focuses on various cancer risk factors, covering numerous known, probable, and possible carcinogens; their role in carcinogenesis; mechanisms of carcinogenicity; and methods for detecting carcinogens. And due to the growing concerns over the effects that substances and environmental exposures can have on human health, the chapters also
emphasize on the vital need for further topic-related research as well as development and implementation of beneficial approaches.

⇒ Ausführliche Angaben: HT020308707

Attaf, Brahim: Advances in Composite Materials - Ecodesign and Analysis

English. Inhaltliche Zusammenfassung: By adopting the principles of sustainable design and cleaner production, this important book opens a new challenge in the world of composite materials and explores the achieved advancements of specialists in their respective areas of research and innovation. Contributions coming from both spaces of academia and industry were so diversified that the 28 chapters composing the book have been grouped into the following main parts: sustainable materials and ecodesign aspects, composite materials and curing processes, modelling and testing, strength of adhesive joints, characterization and thermal behaviour, all of which provides an invaluable overview of this fascinating subject area. Results achieved from theoretical, numerical and experimental investigations can help designers, manufacturers and suppliers involved with high-tech composite materials to boost competitiveness and innovation productivity.

⇒ Ausführliche Angaben: HT020307705

Atukeren, Pinar: Novel Prospects in Oxidative and Nitrosative Stress

English. Inhaltliche Zusammenfassung: Oxidative stress plays a crucial role in the pathophysiology of various diseases when there is a disruption of the intracellular redox balance and the homeostatic balance between cellular oxidants and antioxidants. Reactive oxygen species (ROS) and reactive nitrogen species (RNS) react with molecular targets including proteins, lipids, and nucleic acids contributing to mitochondrial injury and cellular dysfunction. This book intends to provide the readers with an extensive overview of the novel approaches and prospects based on oxidative and nitrosative stress in the pathophysiology of various diseases and in the current treatment strategies with antioxidants.

⇒ Ausführliche Angaben: HT020308694

Aumann, Annemarie: Arbeitsunfall 4.0

DE. Inhaltliche Zusammenfassung: Digitisation and tertiarisation have made it difficult to categorise activities as private or work-related. The two notions that have traditionally been used to make that distinction - id est place of work and working time - are losing their importance. An increasing number of employees are subject to the phenomenon of blurred boundaries: They set their own hours, work from home or on-the-go. German Social Accident Insurance, however, determines the question of coverage on the allocation of the accident to either the work sphere or the private sphere of the aggrieved party. The book explores the extent to which it is necessary to modernise the way risks are allocated in order to not discriminate against those who have jobs outside of traditional parameters and discusses whether it is still adequate to base allocation mechanisms on the principles of the employers’ business risk and duties of care. By way of extensive dogmatic analysis and a comparison with other systems of risk allocation, the study proposes a modern take on allocating risks with just results for both employers and employees from all fields of work.

⇒ Ausführliche Angaben: HT020307568

Aurtenetxea, S. / Barrena, J. A. / Abad, G.: Energy Transmission and Grid Integration of AC Offshore Wind Farms

English. Inhaltliche Zusammenfassung: This book analyses the key issues of the offshore wind farms energy transmission and grid integration infrastructure. But, for this purpose, there are not evaluated all the electric configurations. In the present book is deeply evaluated a representative case. This representative case is built starting from three generic characteristics of an offshore wind farm: the rated power, the distance to shore and the average wind speed of
the location. Thus, after a brief description of concepts related to wind power and several subsea cable modeling options, an offshore wind farm is modeled and its parameters defined to use as a base case. Upon this base case, several analyses of the key aspects of the connection infrastructure are performed. The first aspect to analyze is the management of the reactive power flowing through the submarine cable. Then, the undesired harmonic amplifications in the offshore wind farms due to the resonances and after this, transient over-voltage problems in the electric infrastructure are characterized. Finally, an offshore wind farm connection infrastructure is proposed in order to achieve the grid code requirements for a specific system operator, but not as a close solution, as a result of a methodology based on analyses and simulations to define the most suitable layout depending on the size and location of each offshore wind farm.

⇒ Ausführliche Angaben: HT020307890

**Aust, Cornelia / Klein, Denise / Weller, Thomas: Dress and Cultural Difference in Early Modern Europe**


English. Inhaltliche Zusammenfassung: Dress is a key marker of difference. It is closely attached to the body, part of the daily routine, and an unavoidable means of communication. The clothes people wear tell stories about their allegiances and identities but also about their exclusion and stigmatization. They allow for the display of wealth and can mercilessly display poverty and indigence. Clothes also enable people to play with identities and affinities: for instance, individuals can claim higher social status via their clothes. In many ways, dress is thus open to manipulation by the wearer and misinterpretation by the observer. Authorities—whether religious or secular, local or regional—have always aimed at imposing order on this potential muddle. This is particularly true for the early modern era, when the world became ever more complex. In Europe, the composition of societies diversified with the emergence of new social groups and increasing migration and travel. Thanks to intensified long-distance trade and technological developments, new fashionable clothes and accessories entered the market. With the emergence of a consumer culture, it was now the case that not only the extremely wealthy could afford at least the occasional indulgence in luxury items and accessories. Over recent years, research has focused on a variety of areas related to dress and appearance in the context of early-modern political, socio-economic, and cultural transformations both within Europe and related to its entanglement with other parts of the world. Nevertheless, a significant compartmentalization in the research on dress and appearance remains: research is often organized around particular cities and territories, and much research is still framed by modern national boundaries. This special issue looks at dress and its perception in Europe from a transcultural perspective and highlights the many differences that clothing can express.

⇒ Ausführliche Angaben: HT020309961

**Awrejcewicz, Jan: Numerical Simulations of Physical and Engineering Processes**


English. Inhaltliche Zusammenfassung: Numerical Simulations of Physical and Engineering Process is an edited book divided into two parts. Part I devoted to Physical Processes contains 14 chapters, whereas Part II titled Engineering Processes has 13 contributions. The book handles the recent research devoted to numerical simulations of physical and engineering systems. It can be treated as a bridge linking various numerical approaches of two closely inter-related branches of science, i.e. physics and engineering. Since the numerical simulations play a key role in both theoretical and application oriented research, professional reference books are highly needed by pure research scientists, applied mathematicians, engineers as well post-graduate students. In other words, it is expected that the book will serve as an effective tool in training the mentioned groups of researchers and beyond.

⇒ Ausführliche Angaben: HT020309565

**Awrejcewicz, Jan: Resonance**

Resonance is a common phenomenon, which is observed both in nature and in numerous devices and structures. It occurs in literally all types of vibrations. To mention just a few examples, acoustic, mechanical, or electromagnetic resonance can be distinguished. In the present book, 12 chapters dealing with different aspects of resonance phenomena have been presented.

Awwad, Nasser S.: Uranium - Safety, Resources, Separation and Thermodynamic Calculation
English. Inhaltliche Zusammenfassung: This edited volume Uranium: Safety, Resources, Separation, and Thermodynamic Calculation is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the study of uranium. This publication aims at providing a thorough overview of the latest research efforts by international authors on uranium studies and opens new possible research paths for further novel developments.

Azcarate, Asuncion Lopez-Varela: Interdisciplinary Approaches to Semiotics
English. Inhaltliche Zusammenfassung: This volume stresses the contemporary relevance of semiotics. The introductory chapter shows how the collection of papers emphasises crossings at the material level of physical reality as well as in their semio-cognitive and cultural implications, questioning the delimitation of interdisciplinary borders between the social sciences and humanities and STEM disciplines. The volume shows how semiotics continues to provide a framework for emerging knowledge traditions without completely disregarding its past. Through explorations in fields as wide apart as ecological psychology and visualisation systems, by finding correspondences between the arithmetic of music and cosmic energies or between the pedagogic significance of images and habitat facilities, as well as using investigation tools ranging from the mathematical representation of concepts to science education, this book addresses multifarious aspects and implications of culture and cognition, standing convincing proof that semiotics is as alive, productive and scholarly useful as ever.

Azevedo, Inês / Hall, Matthew / Silva, Valter: Low Carbon Transition - Technical, Economic and Policy Assessment
English. Inhaltliche Zusammenfassung: Most leaders of developed nations recognize the importance of following policies and strategies to achieve a low-carbon economy based on new and innovative technologies that are able to reduce greenhouse gas emissions and create new employment and growth. In the broad spectrum of the feasible decarbonisation pathways, the challenge for political and economic decision-makers is to weigh uncertain impact from different technologies and to build a comprehensive evidence-based framework for research, business, investment and policy decision-making. This book aims to provide the reader with a comprehensive overview of the current state-of-the-art technology in the Low Carbon Technology and Economy field, discussing a set of new technology approaches and environmental and economic implications.

Azzam, Ghada Mostafa / Shalaby, Emad: Antioxidants in Foods and Its Applications
English. Inhaltliche Zusammenfassung: Free radicals are atoms or molecules containing unpaired electrons. Damage occurs when the free radical encounters another molecule and seeks to find another electron to pair its unpaired electron. Free radicals can cause mutation in different biological compounds such as protein, nucleic acids, and lipids, and the damage caused
by the free radicals lead to various diseases (cancer, cardiovascular disease, aging, et cetera). Antioxidants are helpful in reducing and preventing damage from free radical reactions because of their ability to donate electrons, which neutralize the radical without forming another. Ascorbic acid, for example, can lose an electron to a free radical and remain stable itself by passing its unstable electron around the antioxidant molecule. Unfortunately, new data indicate that the synthetic antioxidants used in the industry could have carcinogenic effects on human cells, thus fueling an intense search for new, natural, and efficient antioxidants. Therefore, the current book discusses the role and source of antioxidant compounds in nutrition and diets. Also, the current book includes nine chapters contributed by experts around the world, and the chapters are categorized into two sections: Antioxidant Compounds and Biological Activities and Natural Antioxidants and Applications.

⇒ Ausführliche Angaben: HT020308829

Babeva, Tsvetanka / Nazarova, Dimana / Naydenova, Izabela: Holographic Materials and Optical Systems
English. Inhaltliche Zusammenfassung: Holographic Materials and Optical Systems covers recent research achievements in the areas of volume holographic optical elements and systems, development of functionalized holographic recording materials, and applications in holographic imaging and metrology. Designs of single and multiplexed volume holographic optical elements for laser beam shaping, combining, and redirection are covered, and their properties are studied theoretically and experimentally. The high impact of holography in imaging and metrology is demonstrated by applications spreading from thickness and surface measurements, through antenna metrology and analyzing high-density gradients in fluid mechanics to characterization of live objects in clinical diagnostics. Novel functionalized materials used in dynamic or permanent holographic recording cover photopolymers, photochromics, photothermo-refractive glasses, and hybrid organic-inorganic media.

⇒ Ausführliche Angaben: HT020308196

Bachtarzi, Houria: In Vivo and Ex Vivo Gene Therapy for Inherited and Non-Inherited Disorders
English. Inhaltliche Zusammenfassung: Ongoing advances in pharmaceutical biotechnology have paved the way to ground-breaking new biological therapeutic modalities, offering the possibility of a durable curative approach for a number of life-threatening diseases, for which the medical need is as yet unmet. Over the past decades, gene therapy has seen a massive transformation from a proof-of-concept approach to a clinical reality culminating in the regulatory approval of state-of-the-art products in the European Union and in the United States. This book captures some of the scientific progresses notably in gene transfer technologies and translational development of in vivo and ex vivo gene therapy interventions in the treatment of a broad range of complex and debilitating non-inherited and inherited disorders such as: human immunodeficiency virus 1 (HIV-1) infection, cancer, cystic fibrosis, hereditary retinopathies, haemophilia B, cardiac diseases, and chronic liver fibrosis.

⇒ Ausführliche Angaben: HT020309296

Backman Rogers, Anna / Mulvey, Laura: Feminisms
English. Inhaltliche Zusammenfassung: This collection brings together an exciting group of established and emerging scholars to consider the history of feminist film theory and new developments in the field and in film culture itself. Opening the field up to urgent questions and covering such topics as new experimental film, the digital image, consumerism, activism, and pornography, Feminisms will be essential reading for scholars of both film and feminism.

⇒ Ausführliche Angaben: HT020309901

Baddour, Manal Mohammad: Steps Forwards in Diagnosing and Controlling Influenza
The World Health Organization (WHO) estimates that 3-5 million cases of severe influenza worldwide will result in 250,000-500,000 deaths annually. Collectively, data are shared via the WHO's Global Influenza Surveillance and Response System (GISRS), which includes 143 institutions in 113 WHO member states, to help alert the emergence of antigenic variants or the beginning of a pandemic. In April 2009, the Centers for Disease Control and Prevention (CDC) cited the first incidence of human-to-human transmission of pandemic H1N1, also referred to as swine influenza A, which was antigenically distinct from other circulating human H1N1. As the first influenza pandemic of the twenty-first century, pandemic H1N1 was not included in the annual trivalent vaccine regimen, leaving a large majority of the population unprotected from the newly emerging pathogen.

Badea, Georgiana Ileana / Radu, Gabriel Lucian: Carboxylic Acid - Key Role in Life Sciences
English. Inhaltliche Zusammenfassung: This book is an attempt to bring together current knowledge on the role and importance of organic acids in life processes. There are lots of compounds based on the chemical nature of this functional group, which makes this class of molecules to be present in our lives starting with the human body (Krebs cycle - the core of cellular metabolism) to the products we currently use (food, medicines and cosmetics). No overall consensus is sought in this book, and the following chapters are authored by dedicated researchers presenting a diversity of applications and hypotheses concerning organic acids. The five chapters in this book include general information on carboxylic acids and their applications in life sciences (use in organic synthesis, nanotechnology, plant physiology, plant nutrition and soil chemistry).

Badekas, Thanos: Update in Management of Foot and Ankle Disorders
English. Inhaltliche Zusammenfassung: With this book, you'll be able to update your knowledge in the field of foot and ankle surgery and pathology. This book includes a sport injuries section dedicated to Achilles tendon injuries in athletes and to ankle injuries in basketball players. The next section is about the management of pediatric and adult flatfoot deformity and the recent advances in this field. The third section is unique as it is about quality control in patients with foot and ankle injuries. I believe this section will be very helpful to foot and ankle practitioners to better assess the functionality and quality of life in their patients. The last section is on the third generation of percutaneous forefoot surgery and includes a novel system of Diabetes Ground Control. This book is a useful tool in your practice armamentarium.

Bado, Kangnikoé: The Court of Justice of the Economic Community of West African States as a Constitutional Court
Badria, Farid A.: Natural Products and Cancer Drug Discovery
English. Inhaltliche Zusammenfassung: This book, Natural Products and Cancer Drug Discovery, is written by leading experts in natural products in cancer therapy. The first two sections describe new applications of common herbs and foods for treatment of cancer. Section 3 deals with the development of new chemotherapeutics from Cannabis and endophytic fungi. Section 4 presented formulations of natural products for treatment of malignant melanoma. Made-to-order anticancer therapy from natural products using computational and tissue engineering approaches is addressed in the fifth section. It is our hope that this book may motivate readers to approach the evidence of anticancer natural products with an open mind and thereby spark an interest in making further contributions to the cancer treatment efforts.

Badria, Farid A.: Resveratrol - Adding Life to Years, Not Adding Years to Life
English. Inhaltliche Zusammenfassung: This book intends to strike a balance between developments in research and the fact that researchers must absorb and link to scientific advances with clinical practice so that the management of diseases can be based on sound physiological concepts. This book addresses several controversial issues regarding a natural molecule with fascinating pharmacological and therapeutic effects. The book contains three sections: Section 1: Pharmacology and Therapeutic Applications of Resveratrol; Section 2: Bioavailability, Metabolism, and Mode of Action of Resveratrol; Section 3: Resveratrol and Its Role in Chronic and Degenerative Diseases. Does it Add Life to Years or Years to Life? It is our hope that this book will motivate readers to approach the evidence on the use resveratrol and thereby spark an interest in making further contributions to the current scientific debate and treatment development efforts.

Baerg, Joanne: Pediatric and Neonatal Surgery
English. Inhaltliche Zusammenfassung: Neonatal and Pediatric Surgery is a broad field with many challenges. The aim of this short book is to provide the reader with several informative chapters in the field of neonatal and pediatric surgery. Each chapter provides details on a specific area of this changing field. The scope of this book focuses on a few areas that are rare and challenging. For example, it covers preoperative and postoperative care of neonates. Important anesthesia considerations, including anesthesia for neonates and regional anesthesia, are discussed. A unique chapter on neonatal tumors is presented. The book provides an overview of the recent recommendations for care of infants and children that undergo cardiac surgery. The challenging aspects of caustic ingestion are explained. Each chapter stands alone as a detailed source of information for the reader. This book brings updated information with structured headings that will allow the reader to remain focused as the material is reviewed.

Bagaria, Vaibhav: Arthroplasty - A Comprehensive Review
English. Inhaltliche Zusammenfassung: This book is aimed at giving an overview of the field of arthroplasty and covers arthroplasty of several regions starting from the cervical spine to the ankle. While the current trend is focusing on one particular joint, sometimes having an understanding of the entire subject and cross learning from various subspecialties play a key role in evolving the science. The book is precisely meant to do that, exposing the readers to various types of arthroplasties. It also touches on failures and complications like infections to ensure that the subject is dealt with in a comprehensive manner. Radiology and investigations form an important element for successful outcomes and so does being informed about the
newer developments in the field. The chapters on 3D printing and PRP ensure that all the subjects from the very basic to what can be expected on the horizon are well covered.

⇒ Ausführliche Angaben: HT020308002

Bagaria, Vaibhav: Total Hip Replacement - An Overview
English. Inhaltliche Zusammenfassung: The incidence of total hip arthroplasty is increasing in number because of successful outcomes. Although technically challenging, once mastered a hip replacement is one of the most gratifying surgeries for both patient and surgeon. This book covers some of the most important aspects of hip replacement surgery. These include preoperative planning, anesthesia, classification systems, management of proximal femur fractures, anterior approach, complications, and rehabilitation aspects of hip arthroplasty. The book is intended for arthroplasty surgeons, anesthetists, and physical therapists who will find the book useful in parts and as a whole if they deal with arthroplasty cases on a regular basis. Experience-based narration of various subjects by authors ensures that first-hand experience is passed on to readers in a simple, easy-to-understand manner.

⇒ Ausführliche Angaben: HT020309101

Bagchi-Sen, Sharmistha / Lawton-Smith, Helen: Economic Geography
English. Inhaltliche Zusammenfassung: The impact of economic geography both within and beyond the wider field of geography has been constrained in the past by its own limitations. Drawing together the work of several eminent geographers this superb collection assesses the current state of knowledge in the sub discipline and its future direction. In doing so, the contributors show how economic geographers have offered explanations that affect places and lives in the broader context of the global economy. Offering a discussion of theoretical constructs and methodologies with the purpose to show the need to combine different approaches in understanding spatial (inter) dependencies, contributors also demonstrate the need to engage with multiple audiences, and within this context they proceed to examine how geographers have interfaced with businesses and policy. This excellent collection moves economic geography from a preoccupation with theory towards more rigorous empirical research with greater relevance for public policy. With excellent breadth of coverage, it provides an outstanding introduction to research topics and approaches.

⇒ Ausführliche Angaben: HT020310270

Baino, Francesco: Scaffolds in Tissue Engineering - Materials, Technologies and Clinical Applications
English. Inhaltliche Zusammenfassung: Biomaterials are often designed to act as scaffolds, id est, 3D porous templates that support and stimulate the growth of healthy tissue and then safely dissolve once they have performed their functions. This book provides a picture of the current state of the art in the field of scaffolds for tissue engineering, highlighting the potential associated to the latest scientific and technological advancements. The former part of the book focuses on the repair of hard tissues (primarily bone) by means of bioceramic/glass scaffolds, and the latter deals with the applications of polymeric scaffolds for regenerating soft tissues and structures including the peripheral nerve, heart, gastric mucosa and pancreas. Special emphasis is given to the challenges associated to scaffold manufacturing, biomimetic properties and cell-scaffold interactions.

⇒ Ausführliche Angaben: HT020308512

Baker, Andrew: The Group of Seven
English. Inhaltliche Zusammenfassung: We are now in the era of the G8, although the G7 still exists as a grouping for Finance Ministers. Why do G7 finance ministries and central banks co-operate? What are the implications of this co-operation for US power and the abilities of
the other six states to exercise leadership? What role do the G7 play in global financial governance? How much authority do they possess and how is that authority exercised? This is the first major monograph on the political economy of G7 finance ministry and central bank co-operation. It argues that to understand the contribution of the G7 to global financial governance it is necessary to locate the process in the context of a wider world financial order comprised of decentralized globalization. It also provides original case study material on the G7’s contribution to macroeconomic governance and to debates on the global financial architecture over the last decade. It assesses the G7’s role in producing a system of global financial governance based on market supremacy and technocratic transgovernmental consensus and articulates normative criticisms of the G7’s exclusivity. For researchers in the fields of IR/IPE generally, postgraduate students in the field of international organization and global governance, policy makers and financial journalists this is the most extensive analysis of the G7 and the political economy of global financial governance to date.

⇒ Ausführliche Angaben: HT020310102

Bakirtas, Ilkay: Perturbation Methods with Applications in Science and Engineering
English. Inhaltsübersicht: The governing equations of mathematical, chemical, biological, mechanical and economical models are often nonlinear and too complex to be solved analytically. Perturbation theory provides effective tools for obtaining approximate analytical solutions to a wide variety of such nonlinear problems, which may include differential or difference equations. In this book, we aim to present the recent developments and applications of the perturbation theory for treating problems in applied mathematics, physics and engineering. The eight chapters cover a variety of topics related to perturbation methods. The book is intended to draw attention of researchers and scientist in academia and industry.

⇒ Ausführliche Angaben: HT020309072

Balak, Benjamin: McCloskeys Rhetoric
English. Inhaltsübersicht: The rhetoric of economics has long claimed scientific objectivity, however the late, great economist Joan Robinson argued that ‘the purpose of studying economics is not to acquire a set of ready-made answers to economic questions, but to learn how to avoid being deceived by economists.’ This unique book examines the use of rhetoric in economics, focusing on the work of Deirdre McCloskey and other major economic philosophers. McCloskey is one of the most recognizable names in economics, yet this is the first real attempt to analyze her work in book form. She views economics as a language that uses all the rhetorical devices of everyday conversation, and her controversial viewpoint on judging economics by aesthetic and literary standards has been hugely influential. Utilizing the views of Derrida and Foucault amongst others, Benjamin Balak analyzes McCloskey’s major texts and critically evaluates the linguistic, literary and philosophical approaches they introduce. This long overdue examination of the methodological and philosophical consequences of McCloskey’s work will be of interest to philosophers and economists alike.

⇒ Ausführliche Angaben: HT020310195

Balatzenko, Gueorgui / Guenova, Margarita: Hematology - Latest Research and Clinical Advances
English. Inhaltsübersicht: Hematology has constantly been advancing in parallel with technological developments that have expanded our understanding of the phenotypic, genetic, and molecular complexity and extreme clinical and biological heterogeneity of blood diseases. This has in turn allowed for developing more effective and less toxic alternative therapeutic approaches directed against critical molecular pathways. The continuous and rather extensive influx of new information regarding the key features and underlying mechanisms as well as treatment options in hematology requires a frequent update of this topic. The primary objective of this book is to provide the specialists involved in the clinical management and
experimental research in hematological diseases with comprehensive and concise information on some important theoretical and practical developments in the biology, clinical assessment, and treatment of patients, as well as on some molecular and pathogenetic mechanisms and the respective translation into novel therapies.

⇒ Ausführliche Angaben: HT020308802

English. Inhaltlich Zusammenfassung: Excessive utilization of power electronic devices and the increasing integration of renewable energy resources with their inverter-based interfaces into distribution systems have brought different power quality problems in these systems. There is no doubt that the transition from traditional centralized power systems to future decentralized smart grid necessities is paying much attention to power quality knowledge to realize better system reliability and performance to be ready for the big change in the coming years of accommodating thousands of decentralized generation units. This book aims to present harmonic modeling, analysis, and mitigation techniques for modern power systems. It is a tool for the practicing engineers of electrical power systems that are concerned with the power system harmonics. Likewise, it is a key resource for academics and researchers who have some background in electrical power systems.

⇒ Ausführliche Angaben: HT020308730

Baleanu, Dumitru: Advances in Wavelet Theory and Their Applications in Engineering, Physics and Technology
English. Inhaltlich Zusammenfassung: The use of the wavelet transform to analyze the behaviour of the complex systems from various fields started to be widely recognized and applied successfully during the last few decades. In this book some advances in wavelet theory and their applications in engineering, physics and technology are presented. The applications were carefully selected and grouped in five main sections - Signal Processing, Electrical Systems, Fault Diagnosis and Monitoring, Image Processing and Applications in Engineering. One of the key features of this book is that the wavelet concepts have been described from a point of view that is familiar to researchers from various branches of science and engineering. The content of the book is accessible to a large number of readers.

⇒ Ausführliche Angaben: HT020309573

Balestrazzi, Alma / Araujo, Susana: New Challenges in Seed Biology - Basic and Translational Research Driving Seed Technology
English. Inhaltlich Zusammenfassung: New Challenges in Seed Biology - Basic and Translational Research Driving Seed Technology combines different aspects of basic and translational research in seed biology. A collection of eight chapters written by seed biology experts from the field of seed physiology, ecology, molecular biology, biochemistry, and seed technology was gathered. We hope that this book will attract the attention of researchers and technologists from academia and industry, providing points for interactive and fruitful discussion on this fascinating topic.

⇒ Ausführliche Angaben: HT020308046

Ballato, John M. / Pyshkin, Sergei L.: Optoelectronics - Advanced Materials and Devices
English. Inhaltlich Zusammenfassung: Optoelectronics - Advanced Materials and Devices is a second edition following the initial Optoelectronics - Materials and Techniques book published in 2011 as part of the InTech collection of international works on optoelectronics. Optoelectronics, as the discipline devoted to the study and application of electronic devices that emit, detect, and otherwise control light, has widely proliferated globally and enabled many
of today's modern conveniences. Because of this ubiquity, new applications and novel optical phenomena continue to drive innovation. Accordingly, as with the first book of the collection, this book covers recent achievements by specialists around the world. The growing number of countries participating in this endeavor including now Brazil, Canada, China, Egypt, France, Germany, India, Italy, Japan, Malaysia, Mexico, Moldova, Morocco, Netherlands, Portugal, Romania, Saudi Arabia, South Korea, Taiwan, Ukraine, USA, and Vietnam as well as joint participation of the US and Moldova scientists in edition of this book and writing one of its Chapters testify to the unifying effect of science. An interested reader will find in the book the description of properties and applications employing organic and inorganic materials, such as different polymers, oxides and semiconductors, as well as the methods of fabrication and analysis of operation and regions of application of modern optoelectronic devices.

⇒ Ausführliche Angaben: HT020307941

Ballato, John / Pyshkin, Sergei L.: Optoelectronics - Advanced Device Structures
English. Inhaltliche Zusammenfassung: Optoelectronics - Advanced Device Structures (Book IV) is following the Optoelectronics (Books I, II, and III) published in 2011, 2013, and 2015, as part of the InTech collection of international works on optoelectronics. Accordingly, as with the first three books of the collection, this book covers recent achievements by specialists around the world. The growing number of countries participating in this endeavor as well as joint participation of the US and Moldova scientists in edition of this book testifies to the unifying effect of science. An interested reader will find in the book the description of properties and applications employing organic and inorganic materials, as well as the methods of fabrication and analysis of operation and regions of application of modern optoelectronic devices.

⇒ Ausführliche Angaben: HT020308349

Balogh, Dániel: Inscriptions of the Aulikaras and Their Associates
English. Inhaltliche Zusammenfassung: The Aulikaras were the rulers of western Malwa (the northwest of Central India) in the heyday of the Imperial Guptas in the fifth century CE, and rose briefly to sovereignty at the beginning of the sixth century before disappearing from the spotlight of history. This book gathers all the epigraphic evidence pertaining to this dynasty, meticulously editing and translating the inscriptions and analysing their content and its implications.

⇒ Ausführliche Angaben: HT020309967

Banik, Dan / Chinsinga, Blessings: Political Transition and Inclusive Development in Malawi
English. Inhaltliche Zusammenfassung: Malawi is among the few countries in sub-Saharan Africa that has witnessed significant improvements in relation to meeting the Millennium Development Goal (MDG) targets. It exhibits some of the main challenges facing African democracies while they attempt to consolidate the benefits of democratisation. Political Transition and Inclusive Development in Malawi critically analyses opportunities and constraints related to the impact of democracy on development in one of the world’s poorest countries. The book explores how, and to what extent, processes related to democratic and economic governance can be strengthened in order to make political and administrative authorities more responsive to development needs. It also considers characteristics of successful implementation of public policy and the effective and timely delivery of basic services in local contexts; increased citizen participation and dialogue with local government authorities; factors that enable civil society organisations to hold political and administrative officials to account; and better utilisation of academic research for improved evidence-based policy formulation and implementation. This volume will be of great interest to scholars in development studies, African studies, politics, law and anthropology, as well as policymakers and those interested in democracy, governance, human rights and the implementation of anti-poverty programmes, development administration and decentralisation.
English. Inhaltliche Zusammenfassung: We are in constant search for new therapeutic opti-
ons to cure cancer. In this book, you can find out how scientists throughout the world deal
with this problem. Readers will learn how to engage nature, chemical synthesis, and cell ma-
chinery to design new anticancer agents. Nature has already been very generous in providing
us different compounds which are in widespread application. Starting from these resources,
various synthetic processes are applied to create synthetic drugs which can be then obtained
in large quantities. Also, the cell by itself provides different possibilities to meet the constantly
increasing requirements for successful therapy. Explore the book and find out what are the
new ways to fight cancer.

Banu, J. Rajesh: Anaerobic Digestion
9781838818517
English. Inhaltliche Zusammenfassung: Recent advances in technology to recover bioenergy
from various feedstocks make them suitable alternatives to fossil fuel. This book contains
several scientific discussions regarding microbes involved in biogas production, the anaero-
bic digestion process, their operation, and application for sustainable development. The book
provides in-depth information about anaerobic digestion for researchers and graduate stu-
dents. The editor sincerely thanks all the contributors, whose efforts have brought this book
to fruition.

Bao, Jinsong / Yan, Wengui: Rice - Germplasm, Genetics and Improve-
ment
English. Inhaltliche Zusammenfassung: Rice is a staple food for half of the worlds population
mostly in Asia. Productivity of rice has largely been improved since the Green Revolution in
1960s. Further improvement of rice yield is necessary to keep pace with population growth,
which is a challenging task for breeders. This book, Rice - Germplasm, Genetics and Im-
provement, as its name implies, comprehensively reviews current knowledge in germplasm
exploration, genetic basis of complex traits, and molecular breeding strategies in rice. In the
germplasm part, we highlight the application of wild rice in rice breeding. In the genetics part,
most of the complex traits related with yield, disease, quality have been covered. In the im-
provement part, Chinese experiences in hybrid rice breeding have been summarized together
with many molecular breeding practices scattering in different chapters.

Barber: The Meaning of Space in Sign Language. Reference, Specificity
and Structure in Catalan Sign Language Discourse
English. Inhaltliche Zusammenfassung: Bringing together sign language linguistics and the
semantics-pragmatics interface, this book focuses on the use of signing space in Catalan Sign
Language (LSC). On the basis of small-scale corpus data, it provides an exhaustive description
of referential devices dependent on space. The book provides insight into the study of meaning
in the visual-spatial modality and into our understanding of the discourse behavior of spatial
locations.

Barbiellini Amidei, Beatrice / Marazzi, Martino: Cultura come cibo
English. Inhaltliche Zusammenfassung: I contributi hanno come tema la centralità della cul-
tura, richiamandosi alla metafora dantesca del banchetto sapienziale e della “cultura come
Gli interventi intendono stimolare l’avvio di una riflessione interdisciplinare sulle materie umanistiche nella loro accezione di campo complesso e pratica creativa. Partendo da discipline diverse - dalla filosofia alla letteratura e all’antropologia - e attraverso il dialogo fra letterati di varia estrazione, si propone una prospettiva che incoraggi l’incontro fra “alto” e “basso” e fra cultura d’élite e cultura folclorica. L’arco d’interessi spazia dai testi della letteratura indiana antica, al Graal di Chrétien de Troyes e alla formazione filosofica offerta al pubblico del Convivio di Dante; dall’affascinante stratificazione dei saperi tradizionali nei Lumi, alle pratiche folcloriche carnevalesche e all’immaginario del Paese di Cuccagna; e ancora dall’utilizzo del cibo come appartenenza negli scritti di emigrati italiani in America.

⇒ Ausführliche Angaben: HT020309908

Barbillon, Gregory: Nanoplasmonics - Fundamentals and Applications
English. Inhaltsliche Zusammenfassung: Nanoplasmonics is a young topic of research, which is part of nanophotonics and nano-optics. Nanoplasmonics concerns to the investigation of electron oscillations in metallic nanostructures and nanoparticles. Surface plasmons have optical properties, which are very interesting. For instance, surface plasmons have the unique capacity to confine light at the nanoscale. Moreover, surface plasmons are very sensitive to the surrounding medium and the properties of the materials on which they propagate. In addition to the above, the surface plasmon resonances can be controlled by adjusting the size, shape, periodicity, and materials nature. All these optical properties can enable a great number of applications, such as biosensors, optical modulators, photodetectors, and photovoltaic devices.

⇒ Ausführliche Angaben: HT020308309

Baricci, Erica: Sogno e surreale nella letteratura e nelle arti ebraiche
Italian. Inhaltsliche Zusammenfassung: I saggi raccolti nel presente volume affrontano un tema centrale della tradizione ebraica: il sogno, e in secondo luogo il surreale. Per quanto concerne lo studio dei testi, i contributi spaziano lungo un arco temporale assai ampio, dalla Bibbia alla poesia moderna, prendendo in esame una vasta gamma di argomenti; nell’ambito delle arti visive, attraverso epoche e media diversi, ci si muove dagli affreschi della sinagoga di Dura Europos fino alla pittura del Novecento, senza dimenticare il cinema. Estremamente variegato è il panorama linguistico offerto dai documenti considerati, che all’ebraico nelle sue varie fasi affianca i Jewish Languages e le lingue non specificamente giudaiche adottate nei secoli dagli ebrei della Diaspora.

⇒ Ausführliche Angaben: HT020310400

Barillé, Régis: Turbulence and Related Phenomena
English. Inhaltsliche Zusammenfassung: This book presents some of the most important results concerning atmospheric turbulence and some of its effects on the propagation of a light beam. Atmospheric turbulence causes fluctuations in both the intensity and the phase of the beam and still must be understood and modeled for applications in photonics or environmental metrology. The future of free-space optical (FSO) communication through atmospheric turbulence channels is especially of interest and research on high bit-rate communications attracts more and more interest as an alternative to radio links because of bandwidth, spectrum, and security issues. Some of the current solutions for improving FSO communications are presented in this book.

⇒ Ausführliche Angaben: HT020309341

Baris / Evrensel, Alper: Gut Microbiota - Brain Axis
English. Inhaltsliche Zusammenfassung: The gut-brain axis has gained considerable attention from different branches of the scientific community in recent years. In this book, scientists from different disciplines present current scientific knowledge on the topic. The interaction
between the prokaryote and eukaryote cells stimulates the evolutionary processes, and results in various systemic illnesses such as neuropsychiatric disorders and may help the continuity of health. Nature has provided us with healthy food that builds our pharmacy. This natural pharmacy store may help the body's healing processes through its effects on gut microbiota and the immune system. This book aims to provide the reader with detailed analyses of the current scientific knowledge on the gut-brain axis and its relation with health and disease. We hope that the reader benefits from the presented material.

⇒ Ausführliche Angaben: HT020309148

**Barría, R. Mauricio: Selected Topics in Neonatal Care**
English. Inhaltsliche Zusammenfassung: Neonatology is one of the areas of greatest development and evolution within pediatrics. The technoscientific advances in this area have led to an increase in the survival of premature infants who sometimes require sophisticated care. However, there is essential care that must be included in all centers that care for high-risk babies. This book includes important topics related to neonatal care grouped into four sections. In 14 chapters that address relevant issues about neonatal care, the book seeks to contribute to the clinical work of the health teams of neonatal units. Specialists in the field of neonatology from different countries have developed these chapters and through them they hope to share part of their experience.

⇒ Ausführliche Angaben: HT020308797

**Barron, Caroline M. / Rosenthal, Joel T.: Thomas Frederick Tout (1855-1929): refashioning history for the twentieth century**
eng. Inhaltsliche Zusammenfassung: Thomas Frederick Tout (1855-1929) was arguably the most prolific English medieval historian of the early twentieth century. The son of an unsuccessful publican, he was described at his Oxford scholarship exam as.

⇒ Ausführliche Angaben: HT020309720

**Bartholomew, Ibeh: Experimental Animal Models of Human Diseases - An Effective Therapeutic Strategy**
English. Inhaltsliche Zusammenfassung: The world has recorded losses in terms of human life as well as extensive time spent in experimentation with development of new drugs, elucidation of disease mechanism(s), and therapeutic agent discovery. Ethical and legal issues cojoin in slowing down scientific discoveries in medicine and biology. The past two (2) decades, therefore, have seen tremendous attempts that largely are successful in developing animal models with the characteristics of mimicking, approximating, or expressing transplanted human organs/tissues. These models or rather approaches seem to be fast, cost-effective, and easy to maintain compared to primates. This book is a collection of expert essays on animal models of human diseases of global interest. A visible objective of the book is to provide real-time experimental approach to scientists, clinicians, ethicists, medicolegal/medical jurisprudence workers, immunologists, postgraduate students, and vaccinologists and informative and multidisciplinary approach for the identification of new therapeutic targets and biomarkers using animal models as well as investigating the pathogenesis and therapeutic strategies of human diseases. An increased understanding of the genetic, molecular, and cellular mechanisms responsible for the development of human diseases has laid out the foundation for the development of rational therapies mainly with animal models.

⇒ Ausführliche Angaben: HT020308722

**Bartoli, Mattia / Rosi, Luca / Frediani, Marco: Glycerine Production and Transformation - An Innovative Platform for Sustainable Biorefinery and Energy**
English. Inhaltsliche Zusammenfassung: The increase in the amount of glycerin in the market
is a burden for all producers, especially those operating in the biodiesel sector: reuse options are in fact limited for the management of this by-product. Glycerol enhancement has therefore become a priority to improve the sustainability of the biodiesel industry. Nevertheless, the multifunctionality of glycerol makes it a promising precursor for different types of production (fuel/biofuel, chemical products). This conversion has therefore become a subject of multifaceted research that requires an exchange of knowledge across many sectors. In this book, different disciplines (chemistry, biology, engineering, et cetera) have been taken into consideration to propose an interdisciplinary point of view on different aspects.

Bartoszewicz, Andrzej: Recent Developments in Sliding Mode Control Theory and Applications
2017. 1 electronic resource (114 pages). ISBN 9789535132714, ISBN 9789535132721 English. Inhaltliche Zusammenfassung: The main purpose of control engineering is to steer the regulated plant in such a way that it operates in a required manner. The desirable performance of the plant should be obtained despite the unpredictable influence of the environment on the control system and no matter if the plant parameters are precisely known. Even though the parameters may change with time and load, still the system should preserve its nominal properties and ensure the required behavior of the plant. In other words, the principal objective of control engineering is to design systems that are robust with respect to external disturbances and modeling uncertainty. This objective may be very well achieved using the sliding mode technique, which is the subject of this book.

Barzelay, Michael: Public Management as a Design-Oriented Professional Discipline
2019. 1 electronic resource (192 pages). ISBN 9781788119092, ISBN 9781788119108 English. Inhaltliche Zusammenfassung: While public management has become widely spoken of, its identity and character is not well-defined. Such disparity is an underlying problem in developing public management within academia, and in the eyes of practitioners. In this book, Michael Barzelay tackles the challenge of making public management into a true professional discipline. Barzelay argues that public management needs to integrate contrasting conceptions of professional practice. By pressing forward an expansive idea of design in public management, Barzelay formulates a fresh vision of public management in practice and outlines its implications for research, curriculum development and disciplinary identity.

Basbinar, Yasemin / Calibasi-Kocal, Gizem: Cancer Metastasis
2018. 1 electronic resource (152 pages). ISBN 9781789846324, ISBN 9781789846331 English. Inhaltliche Zusammenfassung: Metastasis of cancer cells from primary tumor site to secondary locations is considered a late event in multistep tumorigenesis, and causes most cancer-related mortality. The process from the spreading of cancer cells to the seeding of newly formed tumor colonizations is governed by sequential events, including local invasion, intravasation into stroma and blood vessels, survival in circulation, extravasation, and
colonization at secondary tumor sites. Cancer research provides information on the fate of metastatic cancer cells in each sequential movement or heterogeneous tumor microenvironment. However, the complexity of this mechanism remains the most stringent concept of cancer management. This book provides information for cancer researchers on metastatic phenotypes of cancer cells, and diverse promoting factors and molecular mechanisms of metastasis.

⇒ Ausführliche Angaben: HT020309137

Bashir, Sajid / Shahzad, Aamir: Nuclear Medicine Physics
English. Inhaltliche Zusammenfassung: This book offers the foundation for the education and research of medical physicists starting their university studies in the field of the physics of nuclear medicine. The book is equally beneficial to those wishing to advance their knowledge in this area. It provides, in the form of a syllabus, a comprehensive overview of basic medical physics knowledge required in modern nuclear medicine. It offers a guide to nuclear medicine, including radionuclides in medicine for diagnosis, staging of disease, therapy, and monitoring the response of a disease process. This book comprehensively covers a broad range of topics, including but not limited to radioactivity and radionuclide generators, operation of non-imaging and imaging instruments, radiation biology, and radiopharmacy.

⇒ Ausführliche Angaben: HT020309449

Basile, Raffaele / Galgano, Francesca: Il Palazzo dell’Università: casa comune della cultura giuridica
ita. Inhaltliche Zusammenfassung: [Italiano]:L’idea di una Mostra-Convegno sull’insediamento e sulla vicenda storica, didattica e scientifica della Facoltà di Giurisprudenza dell’Ateneo fridericiano nasce dall’esigenza di avviare un’opportuna messa a fuoco sulla rilevanza assunta da tale istituzione nello sviluppo delle conoscenze e della pratica giuridica nel Mezzogiorno d’Italia (e non solo). Movendo dagli indirizzi di saluto del Rettore e dei Consigli nazionali forense e del Notariato, e da una suggestiva riflessione del Direttore del Dipartimento, il volume reca nella prima parte gli Atti dell’incontro tenutosi il 12 novembre 2015 nell’Aula Pessina.-.

⇒ Ausführliche Angaben: HT020309743

Basso, María Florencia: Volver a entrar saltando: Memoria y arte en la segunda generación de argentinos exiliados en México
spanish. Inhaltliche Zusammenfassung: Muchos argentinos abandonaron el país por razones políticas, forzados por la violencia desplegada por el terrorismo de Estado en la Argentina durante el tercer peronismo y, especialmente, en la dictadura cívico-militar de 1976 a 1983. El exilio formó parte de las violaciones a los derechos humanos tal como la persecución, detención, tortura sistematizada, apropiación de niños y desaparición forzada de personas. México fue uno de los principales países receptores de las familias exiliadas y allí los hijos debieron transitar entre las dos culturas. En este libro nos centramos en las relaciones entre arte, memoria y exilio a partir de un conjunto de producciones visuales actuales de artistas pertenecientes a esta segunda generación de exiliados políticos en México, que han returnado a la Argentina. El objetivo es indagar sobre las múltiples memorias que se cruzan en la construcción identitaria argenmex a partir de un corpus de producciones artísticas en torno al pasado reciente argentino, teniendo en cuenta la especificidad del medio artístico. Nuestra principal hipótesis sostiene que las especificidades artísticas de cada uno de los medios puestos en juego, es decir, lo fotográfico, lo corporal y lo objetual, es un espacio privilegiado para la elaboración y transmisión de memorias traumáticas, del exilio y del retorno.

⇒ Ausführliche Angaben: HT020307345

Basso, Thalita Peixoto / Basso, Luiz Carlos: Fuel Ethanol Production from Sugarcane
English. Inhaltliche Zusammenfassung: This book offers a broad understanding of bioethanol production from sugarcane, although a few other substrates, except corn, will also be mentioned. The 10 chapters are grouped in five sections. The Fuel Ethanol Production from Sugarcane in Brazil section consists of two chapters dealing with the first-generation ethanol Brazilian industrial process. The Strategies for Sugarcane Bagasse Pretreatment section deals with emerging physicochemical methods for biomass pretreatment, and the non-conventional biomass source for lignocellulosic ethanol production addresses the potential of weed biomass as alternative feedstock. In the Recent Approaches for Increasing Fermentation Efficiency of Lignocellulosic Ethanol section, potential and research progress using thermophile bacteria and yeasts is presented, taking advantage of microorganisms involved in consolidating or simultaneous hydrolysis and fermentation processes. Finally, the Recent Advances in Ethanol Fermentation section presents the use of cold plasma and hydrostatic pressure to increase ethanol production efficiency. Also in this section the use of metabolic-engineered autotrophic cyanobacteria to produce ethanol from carbon dioxide is mentioned.

⇒ Ausführliche Angaben: HT020309197

Basso, Thalita Peixoto: Yeasts in Biotechnology
English. Inhaltliche Zusammenfassung: This book offers a broad understanding of several ways in which yeasts can be applied to the biotechnology industry. The seven chapters are grouped into three sections (apart from the Introduction section). The Animal Nutrition section comprises two chapters dealing with the utilization of yeast as a probiotic for animal nutrition. The Food Industry section addresses the utilization of yeast in food products. Finally, the Industrial Bioproducts section deals with the development of new yeast platforms as cell factories for biochemical production.

⇒ Ausführliche Angaben: HT020309458

Bast, Gerald / Zobl, Beatrix / Schneider, Wolfgang: COMPANY
English|German. Inhaltliche Zusammenfassung: The artistic research in COMPANY investigates behind the scenes of everyday worklife in a metalworking industrial enterprise. In photographs, videos, and conversations with the workers in this company, the authors search out signs and structures of that company with which bread is shared (lat. cum pane), a society which, despite seemingly predetermined rules, is always a work in progress.

⇒ Ausführliche Angaben: HT020309840

Bastidas, Gilberto: Parasites and Parasitic Diseases
English. Inhaltliche Zusammenfassung: Parasitic diseases are considered nowadays as an important public health problem due to the high morbidity and mortality rates registered in the world. These diseases result in more severe consequences for the social order of tropical and subtropical countries because many of them have low economic income that makes it even more difficult to design and implement health control programs. This situation opens the door to the emergence and reemergence of these diseases; therefore, it is convenient, necessary, and essential to study and update the epidemiological behavior of tropical diseases with the objective of offering official health professionals and institutions current information for decision-making in this area to ensure social welfare.

⇒ Ausführliche Angaben: HT020309350

Basu, Sukumar: Crystalline Silicon - Properties and Uses
English. Inhaltliche Zusammenfassung: The exciting world of crystalline silicon is the source of the spectacular advancement of discrete electronic devices and solar cells. The exploitation of ever changing properties of crystalline silicon with dimensional transformation may indicate more innovative silicon based technologies in near future. For example, the discovery of nanocrystalline silicon has largely overcome the obstacles of using silicon as optoelectronic
material. The further research and development is necessary to find out the treasures hidden within this material. The book presents different forms of silicon material, their preparation and properties. The modern techniques to study the surface and interface defect states, dislocations, and so on, in different crystalline forms have been highlighted in this book. This book presents basic and applied aspects of different crystalline forms of silicon in wide range of information from materials to devices.

⇒ Ausführliche Angaben: HT020307737


⇒ Ausführliche Angaben: HT020310029

Baule, Bernward / Hohnsträter, Dirk / Krankenhagen, Stefan: Transformationen des Konsums 2019. 1 electronic resource (121 pages). ISBN 9783748903918 de. Inhaltliche Zusammenfassung: Wohin entwickelt sich die Konsumgesellschaft? Wie ändern sich die Einstellungen und Verhaltensweisen der Verbraucherinnen und Verbraucher? Zeichnet sich ein Wandel vom industriellen Massenkonsum zum individualisierten Digitalkonsum ab? Diesen Fragen widmete sich die dritte Jahrestagung des bundesweiten Netzwerks Verbraucherforschung, deren Ergebnisse der vorliegende Band dokumentiert. Tiefgreifende Transformationen in der Geschichte des Konsums, wie sie die Industrielle Revolution und die Digitalisierung darstellen, können nur durch disziplinübergreifende Forschungsanstrengungen verstanden werden. Neben den klassischen Fächern der Verbraucherwissenschaften wie Wirtschafts-, Rechts-, Politik- und Sozialwissenschaften kommen daher in diesem Band auch historiografische und kulturwissenschaftliche Perspektiven zum Tragen. Die Veröffentlichung hat zum Ziel, den Austausch aktueller Ergebnisse der verbraucherbezogenen Forschung in Wissenschaft und Politik zu fördern und den Wissenstransfer zu stärken. Where is our consumer society headed? How have the attitudes and behaviour of consumers changed? Are we witnessing a shift from mass industrial consumption towards individual digital consumption? This book documents the third annual conference of the Netzwerk Verbraucherforschung (Consumer Research Network). Profound changes in the history of consumption, such as those that occurred during the industrial revolution and those that are occurring as a result of digitalisation, can only be understood through interdisciplinary research efforts. Therefore, in addition to the traditional subjects in the field of consumer science, such as economics, law, politics and social science, this book includes the perspectives of historiography and cultural studies. It not only aims to promote the exchange of the current findings of consumer science research in academia and politics, but also to heighten knowledge transfer.

⇒ Ausführliche Angaben: HT020309893


⇒ Ausführliche Angaben: HT020310033


⇒ Ausführliche Angaben: HT020310030

Bayramgürler, Dilek / Kartal, Selda Pelin: Hot Topics in Burn Injuries 2018. 1 electronic resource (128 pages). ISBN 9781789231304, ISBN 9781789231311 English. Inhaltsliche Zusammenfassung: The aim of this book is to give readers a broad review of burn injuries, which may affect people from birth to death and can lead to high morbidity and mortality. The book consists of four sections and seven chapters. The first section consists
of the introductory review chapter, which overviews the burn injuries. The second section includes chapter Burn Etiology and Pathogenesis, which focuses on burn injuries and clinical findings. The third section consists of chapter Controlling Inflammation in Burn Injury and is devoted to the role of inflammatory response, which is fundamental to the healing process, while a prolonged inflammation may lead to scarring and fibrosis. The fourth section consists of four chapters as follows: Therapeutic Effects of Conservative Treatments on Burn Scars, Herbal Therapy for Burns and Burn Scars, Platelet-Rich Plasma in Burn Treatment, and Surgical Treatment of Burn Scars. The book is easy to read and includes hot topics on burn injury to enhance the readers understanding and knowledge.

⇒ Ausführliche Angaben: HT020308727

Becker, Carl Heinrich: Beiträge zur Geschichte Ägyptens unter dem Islam
1903. 1 electronic resource (118 pages). ISBN 9783111569598
German.
⇒ Ausführliche Angaben: HT020310007

Becker, Ulrich / Lach, Daniel Eryk: Die öffentliche Gesundheitsversorgung in Polen
de. Inhaltliche Zusammenfassung: Funktionierende Gesundheitssysteme zählen zu den wichtigsten sozialstaatlichen Errungenschaften. Weil sie weitgehend national organisiert werden, sind Einblicke in ausländische Systeme aufschlussreich: Sie erlauben vor dem Hintergrund der Erfahrungen mit dem eigenen System einen Vergleich von Aufgabenstellungen, institutionellen Ausprägungen und normativen Leitideen. Der Band erschließt deutschen Lesern die in Polen geführten Diskussionen um die Bedeutung verfassungsrechtlicher Vorgaben für die Gesundheitsversorgung, verbunden mit einem ausführlichen Überblick über das bestehende polnische Versorgungssystem. Damit wird erkennbar, was es bedeutet, wenn in Polen und Deutschland einerseits die Gesundheitssysteme unterschiedlich angelegt und die verfassungsrechtlichen Vorgaben unterschiedlich dicht sind, andererseits aber beide Systeme auf vergleichbare und durch europäisches Recht mit geprägte Leitideen gestützt werden.
⇒ Ausführliche Angaben: HT020307584

Becker, Ulrich: Soziales Entschädigungsrecht
de. Inhaltliche Zusammenfassung: Social compensation law is spread over many, and often obscure, individual laws. It only accounts for a very small part of the social budget and is therefore not a favourite of journalists, politicians and scientists. It only takes the spotlight in very rare cases, such as when catastrophic floods or street riots are in the news. However, social compensation law actually raises elemental issues of governmental liability which are connected to private and public liability law. What distinguishes it from state liability law, which is generally dealt with individually? Why does the state undertake the task of providing for compensation of damages? Why are catastrophes and riots only dealt with ad hoc and by means of individual acts? These questions are answered in three steps: Firstly, by assessing the current state of affairs, which includes fringe areas and international requirements, also from a historical and comparative perspective; secondly, by systematisation, which includes normative ideas on the duty to provide compensation of damages; and thirdly, by reflections on how to organise existing compensation situations, recognise new ones and combine all these by means of codification.
⇒ Ausführliche Angaben: HT020307608

Beekers, Daan / Tamimi Arab, Pooyan / Verkaaik, Oskar: Gods huis in de steigers
Dutch. Inhaltliche Zusammenfassung: In this book three anthropologists explore contemporary religious architecture and they develop an original vision on the religious landscape in the Netherlands and Europe. Mosques, synagogues and churches do not only facilitate and symbolize religion, the intimate relationship we have with these buildings touches the essence of what religion is today - in both a positive and a negative sense.
Beers, Laura / Thomas, Geraint: Brave new world: Imperial and democratic nation-building in Britain between the wars
ing. Inhaltliche Zusammenfassung: After the First World War, Britain faced a number of challenges as it sought to adapt to domestic conditions of mass democracy while maintaining its position in the empire in the face of national independence movements. As politicians at home and abroad sought to legitimate their position, new efforts were made to conceptualize nationality and citizenship, with attempts to engage the public using mass media and greater emphasis on governing in the public interest. Brave New World reappraises the domestic and imperial history of Britain in the inter-war period, investigating how nation building was given renewed impetus by the upheavals of the First World War. The essays in this collection address how new technologies and approaches to governance were used to forge new national identities both at home and in the empire, covering a wide range of issues from the representation of empire on film to the convergence of politics and star culture. The book is an invaluable resource for scholars of British social, political and imperial history, as well as being of interest to the general reader.

Beg, O. Anwar / Akbar, Noreen Sher: Modeling and Simulation in Engineering Sciences
English. Inhaltliche Zusammenfassung: This book features state-of-the-art contributions in mathematical, experimental and numerical simulations in engineering sciences. The contributions in this book, which comprise twelve chapters, are organized in six sections spanning mechanical, aerospace, electrical, electronic, computer, materials, geotechnical and chemical engineering. Topics include metal micro-forming, compressible reactive flows, radio frequency circuits, barrier infrared detectors, fiber Bragg and long-period fiber gratings, semiconductor modelling, many-core architecture computers, laser processing of materials, alloy phase decomposition, nanofluids, geo-materials and rheo-kinetics. Contributors are from Europe, China, Mexico, Malaysia and Iran. The chapters feature many sophisticated approaches including Monte Carlo simulation, FLUENT and ABAQUS computational modelling, discrete element modelling and partitioned frequency-time methods. The book will be of interest to researchers and also consultants engaged in many areas of engineering simulation.

Beghi, Marco G.: Modeling and Measurement Methods for Acoustic Waves and for Acoustic Microdevices
English. Inhaltliche Zusammenfassung: Acoustics is a mature field which enjoys a never ending youth. New developments are induced by either the search for a better understanding, or by technological innovations. Micro-fabrication techniques introduced a whole new class of microdevices, which exploit acoustic waves for various tasks, and in particular for information processing and for sensing purposes. Performance improvements are achievable by better modelling tools, able to deal with more complex configurations, and by more refined techniques of fabrication and of integration in technological systems, like wireless communications. Several chapters of this book deal with modelling and fabrication techniques for microdevices, including unconventional phenomena and configurations. But this is far from exhausting the research lines in acoustics. Theoretical analyses and modelling techniques are presented, for phenomena ranging from the detection of cracks to the acoustics of the oceans. Measurement methods are also discussed, which probe by acoustic waves the properties of widely different systems.

Begovic, Marko: Institutional position of athletes within Montenegro’s sport movement
Begum, Ghousia: Biomarker - Indicator of Abnormal Physiological Process
English. Inhaltliche Zusammenfassung: This book investigates the emerging use of biomarkers as a diagnostic tool for the identification of patients with an abnormal condition or as a tool for staging the extent of disease, as an indicator of disease prognosis. Chapters in Part I focus on biomarkers for cancer, including breast cancer and pancreatic cancer, as well as circulating microRNA profiling in cancer biomarker discovery. Chapters in Part II focus on biomarkers of other diagnoses/diseases, including sepsis, childhood renal diseases, pulmonary diseases, Alzheimer’s, leishmaniasis, and heart failure. This book investigates the emerging use of biomarkers as a diagnostic tool for the identification of patients with an abnormal condition or as a tool for staging the extent of disease, as an indicator of diseases prognosis. The book is of considerable importance for a broad range of people including researchers, clinicians, and university students.
⇒ Ausführliche Angaben: HT020308953

Begum, Ghousia: Insecticides - Agriculture and Toxicology
English. Inhaltliche Zusammenfassung: Insecticides are substances used to kill insects. They are used primarily in agriculture to control pests that infest crop. Nearly all insecticides have the potential to significantly alter ecosystems: many are toxic to humans and/or animals; some become concentrated as they spread along the food chain. The presence of these chemicals in both aquatic and terrestrial ecosystems has become an important issue globally. The book Insecticides - Agriculture and Toxicology provides information on the use of insecticides in pest management in order to enhance crop protection and their effects on nontarget organisms.
⇒ Ausführliche Angaben: HT020308724

Behringer, Erik J. / Buchholz, John N.: Calcium and Signal Transduction
English. Inhaltliche Zusammenfassung: Since the development of microelectronic clamping methodology and fluorescent indicators for direct measurement of dynamic intracellular calcium transients, our understanding of biological signal transduction has progressed dramatically since the 1980s. Calcium is a universal signal in biology that modulates gene expression, transmitter and hormone release, muscular movement, and even programmed cell death. This book represents a compilation of chapters from a diverse set of expert biologists throughout the world who have conducted research in the general area of calcium signaling in organisms ranging from bacteria to humans. In accord with priorities of resolving human disease, the reader will also benefit from learning calciums role in cellular signaling pathology relating to acute or chronic conditions such as vomiting, sepsis, obesity, hypertension, and cancer.
⇒ Ausführliche Angaben: HT020309077

Behzadi, Payam: Microbiology of Urinary Tract Infections - Microbial Agents and Predisposing Factors
English. Inhaltliche Zusammenfassung: Generally, in accordance with anatomical characteristics, urinary tract infections (UTIs) and in particular recurrent UTIs occur in women; in
contrast, UTIs normally occur in men with different predisposing factors. There are several types of UTIs, including asymptomatic and symptomatic, complicated and uncomplicated, acute and chronic with a diversity of microbial pathogens. In pathogens, virulence factors and genes determine the type and severity of the UTIs. Obviously, UTIs are a huge problem in global public healthcare systems with a wide range of predisposing factors, including gender, microbial agent, the hosts immune deficiencies, genetic diseases, catheterization, et cetera. The recent items determine the microbiology of UTIs. Accurate diagnosis and definitive treatment are the key to UTI reduction.

⇒ Ausführliche Angaben: HT020309225

Beißwenger, Michael: Empirische Erforschung internetbasierter Kommunikation
German. Inhaltliche Zusammenfassung: The volume presents seven research papers written in connection with the interdisciplinary DFG Network "Empirical Investigation of Internet-based Communication." It addresses issues related to the modeling and analysis of language and interaction on the internet, drawing on written and multimodal data.

⇒ Ausführliche Angaben: HT020309949

Bekarma, Holly / Alhasso, Ammar: Synopsis in the Management of Urinary Incontinence
English. Inhaltliche Zusammenfassung: The prevalence of urinary incontinence increases with age. It has recognised social and psychological impact on individuals as well as a financial implication to individuals and healthcare systems. The book attempt to discuss the assessment of urinary incontinence, followed by surgical and conservative treatment options in a concise way, within the framework of clinical practice. We would like to acknowledge all the authors for their hard work in completing this book.

⇒ Ausführliche Angaben: HT020308148

Bektesi, Mona / Roeber, Urs: Yoga in der Schule
⇒ Ein Medium
  - Freihand:
    ⇒ DDC (Dewey Decimal Classification):
      - 610DNB 610DNB
    ⇒ DDC (Dewey Decimal Classification):
      - 61023sdnb 61023sdnb
⇒ Ausführliche Angaben: HT020312508

Belardi, Walter: Hollow core optical fibers
eng. Inhaltliche Zusammenfassung: The possibility of guiding light in air has fascinated optical scientists and engineers since the dawn of optical fiber technology. In the last few years, hollow core optical fibers have been attracting the attention of an expanding worldwide research community, furthering the design, fabrication and device implementation of specialty optical fibers. Hollow core optical fibers are entering almost any specific application field of optics from medicine to security; from telecommunication to industrial processing; from instrumentation to biology. In parallel to the increased number of applications, major advances are still being made on the optimization of hollow core fiber designs and on the study of its underlying guiding properties, as well as in the use of different materials and fabrication techniques, which, in turn, are providing even more ways of exploitation of this technology and new technical challenges. This Special Issue of Fibers rides the wave of this increasing interest in the field of hollow core optical fibers by providing an overview of the recent progress in this field as well as an updated and indicative sample of current research activities worldwide.
Belghit, Slimen / Zaidi, Beddiaf: Silicon Materials
English. Inhaltliche Zusammenfassung: Apart from oxygen, silicon is the most commonly occurring element on Earth. Silicon materials have many applications in the manufacturing technology of microelectronic components, integrated circuits, and photovoltaic generators. Circuit complexity and higher degrees of integration of components require constant improvement and control of silicon's properties. This book provides information on silicon materials, their use, and their impact on the modern world economy.

Belharouak, Ilias: Lithium Ion Batteries - New Developments
English. Inhaltliche Zusammenfassung: The eight chapters in this book cover topics on advanced anode and cathode materials, materials design, materials screening, electrode architectures, diagnostics and materials characterization, and electrode/electrolyte interface characterization for lithium batteries. All these topics were carefully chosen to reflect the most recent advances in the science and technology of rechargeable Li-ion batteries, to provide wide readership with a platform of subjects that will help in the understanding of current technologies, and to shed light on areas of deficiency and to energize prospects for future advances.

Bélières, Jean-François / Valette, Elodie / Gasselin, Pierre: Diversité des agricultures familiales
French. Inhaltliche Zusammenfassung: This book aims to explain the nature and the force of links between the family and the farm. It is constructed around twenty case studies in miscellaneous countries in Asia, Africa, Latin America and Europe. The authors clarify.

Bellavista, Paolo / Giannelli, Carlo / Das, Sajal K.: Middleware Solutions for Wireless Internet of Things
eng. Inhaltliche Zusammenfassung: The proliferation of powerful but cheap devices, together with the availability of a plethora of wireless technologies, has pushed for the spread of the Wireless Internet of Things (WIoT), which is typically much more heterogeneous, dynamic, and general-purpose if compared with the traditional IoT. The WIoT is characterized by the dynamic interaction of traditional infrastructure-side devices, e.g., sensors and actuators, provided by municipalities in Smart City infrastructures, and other portable and more opportunistic ones, such as mobile smartphones, opportunistically integrated to dynamically extend and enhance the WIoT environment. A key enabler of this vision is the advancement of software and middleware technologies in various mobile-related sectors, ranging from the effective synergic management of wireless communications to mobility/adaptivity support in operating systems and differentiated integration and management of devices with heterogeneous capabilities in middleware, from horizontal support to crowdsourcing in different application domains to dynamic offloading to cloud resources, only to mention a few. The book presents state-of-the-art contributions in the articulated WIoT area by providing novel insights about the development and adoption of middleware solutions to enable the WIoT vision in a wide spectrum of heterogeneous scenarios, ranging from industrial environments to educational devices. The presented solutions provide readers with differentiated point of views, by demonstrating how the WIoT vision can be applied to several aspects of our daily life in a pervasive manner.
Belloro, Valeria A.: La Interfaz Sintaxis-Pragmática. Estudios teóricos, descriptivos y experimentales
Spanish. Inhaltliche Zusammenfassung: Privileging functionalist approaches-based on descriptions of natural discourse and independent from formal grammatical models-, this collected volume gathers original contributions on the syntax-pragmatics interface in Spanish as well as in indigenous languages of the Americas, and explores related topics like topical continuity or Preferred Argument Structure.
⇒ Ausführliche Angaben: HT020309952

Belmiloudi, Aziz: Heat Transfer - Theoretical Analysis, Experimental Investigations and Industrial Systems
English. Inhaltliche Zusammenfassung: Over the past few decades there has been a prolific increase in research and development in area of heat transfer, heat exchangers and their associated technologies. This book is a collection of current research in the above mentioned areas and discusses experimental, theoretical and calculation approaches and industrial utilisations with modern ideas and methods to study heat transfer for single and multiphase systems. The topics considered include various basic concepts of heat transfer, the fundamental modes of heat transfer (namely conduction, convection and radiation), thermophysical properties, condensation, boiling, freezing, innovative experiments, measurement analysis, theoretical models and simulations, with many real-world problems and important modern applications. The book is divided in four sections: Heat Transfer in Micro Systems, Boiling, Freezing and Condensation Heat Transfer, Heat Transfer and its Assessment, Heat Transfer Calculations, and each section discusses a wide variety of techniques, methods and applications in accordance with the subjects. The combination of theoretical and experimental investigations with many important practical applications of current interest will make this book of interest to researchers, scientists, engineers and graduate students, who make use of experimental and theoretical investigations, assessment and enhancement techniques in this multidisciplinary field as well as to researchers in mathematical modelling, computer simulations and information sciences, who make use of experimental and theoretical investigations as a means of critical assessment of models and results derived from advanced numerical simulations and improvement of the developed models and numerical methods.
⇒ Ausführliche Angaben: HT020309550

Beltran, Carmenza Duque / Camacho, Edisson Tello: Corals in a Changing World
English. Inhaltliche Zusammenfassung: Corals comprise a wide variety of colonial marine invertebrates belonging to the Phylum Cnidaria. Their polyps form the most colorful, complete, and diverse communities on the Earth resembling underwater cities, commonly called coral reefs, which host a wide variety of invertebrates and fish species. They are highly productive ecosystems, contribute to the health of the biosphere, and offer a good number of economic and ecological services to coastal populations and to many people around the world. However, due to a diverse number of natural and anthropogenic stressors, corals have shown a severe decline over the past few decades. Being aware of the importance and relevance of the facts described, the book Corals in a Changing World offers new scientific information regarding the actual status and, in some cases, the resilience state of coral reef systems. Timely information is critical for managers and decision makers to implement sustainable management measures according to the ecological condition of coral reefs. In addition, the book also discusses the use of well-maintained coral microcosms to provide a good basis for performing experiments with natural fluctuations and to present studies dedicated to the coral diversity characterization and to their importance as a source of important biological compounds, which could be converted into industrial products.
⇒ Ausführliche Angaben: HT020308638
Beltran-Carbajal, Francisco: Vibration Analysis and Control in Mechanical Structures and Wind Energy Conversion Systems
English. Inhaltliche Zusammenfassung: This book focuses on recent and innovative methods on vibration analysis, system identification, and diverse control design methods for both wind energy conversion systems and vibrating systems. Advances on both theoretical and experimental studies about analysis and control of oscillating systems in several engineering disciplines are discussed. Various control devices are synthesized and implemented for vibration attenuation tasks. The book is addressed to researchers and practitioners on the subject, as well as undergraduate and postgraduate students and other experts and newcomers seeking more information about the state of the art, new challenges, innovative solutions, and new trends and developments in these areas. The six chapters of the book cover a wide range of interesting issues related to modeling, vibration control, parameter identification, active vehicle suspensions, tuned vibration absorbers, electronically controlled wind energy conversion systems, and other relevant case studies.

Belviso, Claudia: Zeolites - Useful Minerals
English. Inhaltliche Zusammenfassung: This book collects recent results about research activities on zeolites, from synthesis to application. It is composed of two sections. The first is devoted to articles and brief review articles on the synthesis of zeolite from fly ash and final application of these newly formed minerals to solve environmental problems. The second part of the book provides useful information on different applications both of natural and synthetic zeolites ranging from environmental pollution to industrial and commercial applications. The performance of zeolite molecular sieves, hollow titanium zeolites and luminescent zeolites is interesting considering the new frontiers reached by the research on zeolites. This book is a useful instrument for researchers, teachers and students who are interested in investigating innovative aspects of the studies on zeolite.

Benelli, Giovanni / Govindarajan, M. / Khater, Hanem: Natural Remedies in the Fight Against Parasites
English. Inhaltliche Zusammenfassung: This book emphasizes past and current research efforts about principles of natural control of major parasites affecting humans, animals, and crops. Each chapter is a complete and integrated subject that presents a problem and confers on the safe alternatives to chemicals. This book discusses and updates information about three major topics of natural remedies. The first topic is represented in a chapter outlining important information on biological control of parasites, the second topic is represented in three chapters dealing with botanicals as promising antiparasitic agents, and the last four chapters deal with miscellaneous control strategies against parasites. This easily readable book is designed precisely for students as well as professors linked with the field of parasitic control. We enhanced words with breathing areas in the form of graphical abstracts, figures, photographs, and tables.

Beninca, Paolo / Haiman, John: The Rhaeto-Romance Languages
English. Inhaltliche Zusammenfassung: The Rhaeto-Romance languages have been known as such to the linguistic community since the pioneering studies of Ascoli and Gartner over a century ago. There has never been a community of RR speakers based on a common history or polity and the various dialects are mutually unintelligible, but a unity, based on a number of common features, has been advanced. This book is the first general description of the Rhaeto-Romance languages to be written in Eng. It provides a critical examination of the phonology.
morphology, lexicon, and syntax of the modern Rhaeto-Romance dialects within the broader perspective of Romance comparative linguistics.

⇒ Ausführliche Angaben: HT020310090

**Beningfield, Jennifer: The Frightened Land**


English. Inhaltliche Zusammenfassung: An investigation into the spatial politics of separation and division in South Africa, principally during the apartheid years, and the effects of these physical and conceptual barriers on the land. In contrast to the weight of literature focusing on post-apartheid South Africa, the focus of this book includes the spatial, political and cultural landscape practices of the apartheid government and also refers to contemporary work done in Australia, England and the US. It probes the uncertainty and ambiguity of identities and cultures in post-apartheid society in order to gain a deep understanding of the history that individuals and society now confront. Drawing on a wealth of research materials including literature, maps, newspapers, monuments, architectural drawings, government legislation, tourist brochures, political writing and oral histories, this book is well illustrated throughout and is a unique commentary on the spatial politics of a time of enormous change.

⇒ Ausführliche Angaben: HT020310103

**Benini, Ernesto: Advances in Gas Turbine Technology**


English. Inhaltliche Zusammenfassung: Gas turbine engines will still represent a key technology in the next 20-year energy scenarios, either in stand-alone applications or in combination with other power generation equipment. This book intends in fact to provide an updated picture as well as a perspective vision of some of the major improvements that characterize the gas turbine technology in different applications, from marine and aircraft propulsion to industrial and stationary power generation. Therefore, the target audience for it involves design, analyst, materials and maintenance engineers. Also manufacturers, researchers and scientists will benefit from the timely and accurate information provided in this volume. The book is organized into five main sections including 21 chapters overall: (I) Aero and Marine Gas Turbines, (II) Gas Turbine Systems, (III) Heat Transfer, (IV) Combustion and (V) Materials and Fabrication.

⇒ Ausführliche Angaben: HT020307796

**Bennett, Kelly: MATLAB Applications for the Practical Engineer**


English. Inhaltliche Zusammenfassung: MATLAB is an indispensable asset for scientists, researchers, and engineers. The richness of the MATLAB computational environment combined with an integrated development environment (IDE) and straightforward interface, toolkits, and simulation and modeling capabilities, creates a research and development tool that has no equal. From quick code prototyping to full blown deployable applications, MATLAB stands as a de facto development language and environment serving the technical needs of a wide range of users. As a collection of diverse applications, each book chapter presents a novel application and use of MATLAB for a specific result.

⇒ Ausführliche Angaben: HT020309603

**Benredjem, Djamel / Jelassi, Haikel: Plasma Science and Technology - Basic Fundamentals and Modern Applications**


English. Inhaltliche Zusammenfassung: Usually called the fourth state of matter, plasmas make up more than 99% of known material. In usual terminology, this term generally refers to partially or totally ionized gas and covers a large number of topics with very different characteristics and behaviors. Over the last few decades, the physics and engineering of plasmas was experiencing a renewed interest, essentially born of a series of important applications such as thin-layer deposition, surface treatment, isotopic separation, integrated circuit etchings,
Plasma Science and Technology - Basic Fundamentals and Modern Applications presents the basic fundamentals behind plasma physics along with some of their most important modern applications.

⇒ Ausführliche Angaben: HT020309262

**Bense, Max:** Anti-Klages. Oder von der Würde des Menschen


German.

⇒ Ausführliche Angaben: HT020310047

**Bere, Paul / Udroiu, Razvan:** Product Lifecycle Management - Terminology and Applications


English. Inhaltsliche Zusammenfassung: The aim of this book is to present the terminology, applications, trends, and developments in Product Lifecycle Management (PLM). This book has a total of seven chapters that treat the fundamental and future terminology used in PLM, aspects regarding the design, customization, and development of products, products testing, supply chain optimization, and recycling of the products made of special materials.

⇒ Ausführliche Angaben: HT020309124

**Berea, Anamaria:** A Complex Systems Perspective of Communication from Cells to Societies


English. Inhaltsliche Zusammenfassung: This book is an interdisciplinary effort to understand the evolution of communication from cells to societies, both in living organisms and in non-living ones, such as designed or emergent systems from socio-technological innovations (i.e., digital communication, institutional communication). It aims to provide better understanding of the universal versus contextual patterns of communication that we can potentially classify and identify if we look deeper into the history and evolution of this phenomenon at large. Novel research from a variety of disciplines, such as information theory, biology, linguistics, culture and social science that take a complex perspective is being explored, for an integrated understanding of what communication is at a fundamental level.

⇒ Ausführliche Angaben: HT020309300

**Berezin, Alexander E.:** Vascular Access Surgery - Tips and Tricks


English. Inhaltsliche Zusammenfassung: Decision-making regarding the route of access to minimize procedural complications, especially in patients with unusual or complicated vascular anatomy, is extremely important for successful vascular access surgery. Several techniques for vascular access are widely disputed in the context of achieving optimal clinical outcomes. This book discusses various clinical aspects of vascular access to enrich our knowledge and understanding of the contemporary methodology and management of vascular access for a broad range of purposes. In four sections, this book examines the following topics: 1. Vascular Access: Methodology and Contemporary Management; 2. Vascular Access and Reparative Surgery; 3. Vascular Access Failure; and 4. Risk Stratification in Vascular Access.

⇒ Ausführliche Angaben: HT020309353

**Berg, Kristian:** Die Graphematik der Morpheme im Deutschen und Englischen


German. Inhaltsliche Zusammenfassung: Wie werden Wörter im Deutschen und im Englischen geschrieben? Wo sind Gemeinsamkeiten, wo sind Unterschiede? Diese Fragen werden aus morphologisch-graphematischer Perspektive bearbeitet. Es geht hier also nicht um Bezüge zwischen Schrift und Lautform (traditionell oft im Fokus der Graphematik), sondern um Korrespondenzen zwischen Schrift und Morphologie. Das betrifft zum einen den Aufbau von Morphemen. Welche Beschränkungen lassen sich hier für die Reihenfolge der Buchstaben formulieren? Was sind minimale, was sind prototypische Stämme und Affixe? Zum anderen geht es
um Fragen der Einheitlichkeit (Wie uniform wird ein Morphem in der Schrift repräsentiert?) und der Eindeutigkeit (Wie distinkt verweist eine Schreibung auf ein Morphem?). Insgesamt zeigt sich, dass im Englischen eher Affixe verlässlich kodiert werden (oft eindeutig und einheitlich), während im Deutschen häufig Stämme einheitlich kodiert werden. Das sind zwei grundsätzlich unterschiedliche Strategien der Leseerleichterung.

⇒ Ausführliche Angaben: HT020309951

Bergmann, Karl: Wie der Feldgraue spricht. Scherz und Ernst in der neuen Soldatensprache
German.
⇒ Ausführliche Angaben: HT020310004

Bergner, Nadine / Forscher, Stiftung Haus der kleinen: Frühe informations-Bildung - Ziele und Gelingensbedingungen für den Elementar- und Primarbereich
⇒ Ausführliche Angaben: HT020310476

English. Inhaltliche Zusammenfassung: In Finding Voice, Kim Berman demonstrates how she was able to use visual arts training in disenfranchised communities as a tool for political and social transformation in South Africa. Using her own fieldwork as a case study, Berman shows how hands-on work in the arts with learners of all ages and backgrounds can contribute to economic stability by developing new skills, as well as enhancing public health and gender justice within communities. Berman’s work, and the community artwork her book documents, present the visual arts as a crucial channel for citizens to find their individual voices and to become agents for change in the arenas of human rights and democracy.
⇒ Ausführliche Angaben: HT020310333

Bermejo Castrillo, Manuel Ángel (ed.): La memoria del jurista español. Estudios
spa. Inhaltliche Zusammenfassung: La publicación se propone profundizar en el conocimiento de las características y la evolución de las enseñanzas jurídicas en las universidades españolas durante la etapa liberal. No lo hace a través de una visión panorámica, ni siquiera de un conjunto de ellas. Los temas y enfoque que encontrará el lector muestran piezas individuales que sin embargo adquieren un significado más pleno al insertarse en el volumen. Tribunales de oposición y escuelas, la evolución de las asignaturas dedicadas a la economía, la peculiaridad del derecho mercantil, el contexto académico del proyecto de Código civil de 1851, la biografía de Juan Moneva Puyol, el antifeminismo jurídico, la metodología docente, los exiliados... son algunas claves a través de las cuales podemos penetrar en la cultura jurídica liberal de España.
⇒ Ausführliche Angaben: HT020310424

Bernal-Morales, Blandina: Health and Academic Achievement
English. Inhaltliche Zusammenfassung: Emotional, physical and social well-being describe
human health from birth. Good health goes hand in hand with the ability to handle stress for the future. However, biological factors such as diet, life experiences such as drug abuse, bullying, burnout and social factors such as family and community support at the school stage tend to mold health problems, affecting academic achievements. This book is a compilation of current scientific information about the challenges that students, families and teachers face regarding health and academic achievements. Contributions also relate to how physical activity, psychosocial support and other interventions can be made to understand resilience and vulnerability to school desertion. This book will be of interest to readers from broad professional fields, non-specialist readers, and those involved in education policy.

⇒ Ausführliche Angaben: HT020309005

**Bernard, Andreas / Koch, Matthias / Leeker, Martina: Non-Knowledge and Digital Cultures**
English. Inhaltliche Zusammenfassung: Making available massive amounts of data that are generated, distributed, and modeled, digital media provide us with the possibility of abundant information and knowledge. This possibility has been attracting various scenarios in which technology either eliminates non-knowledge or plants it deep within contemporary cultures through the universal power and opacity of algorithms. This volume comprises contributions from media studies, literary studies, sociology, ethnography, anthropology, and philosophy to discuss non-knowledge as an important concept for understanding contemporary digital cultures.

⇒ Ausführliche Angaben: HT020310451

**Bernardes, Marco Aurélio dos Santos: Economic Effects of Biofuel Production**
English. Inhaltliche Zusammenfassung: This book aspires to be a comprehensive summary of current biofuels issues and thereby contribute to the understanding of this important topic. Readers will find themes including biofuels development efforts, their implications for the food industry, current and future biofuels crops, the successful Brazilian ethanol program, insights of the first, second, third and fourth biofuel generations, advanced biofuel production techniques, related waste treatment, emissions and environmental impacts, water consumption, produced allergens and toxins. Additionally, the biofuel policy discussion is expected to be continuing in the foreseeable future and the reading of the biofuels features dealt with in this book, are recommended for anyone interested in understanding this diverse and developing theme.

⇒ Ausführliche Angaben: HT020307763

**Bernardes, Marco Aurelio dos Santos: Biofuel Production - Recent Developments and Prospects**
English. Inhaltliche Zusammenfassung: This book aspires to be a comprehensive summary of current biofuels issues and thereby contribute to the understanding of this important topic. Readers will find themes including biofuels development efforts, their implications for the food industry, current and future biofuels crops, the successful Brazilian ethanol program, insights of the first, second, third and fourth biofuel generations, advanced biofuel production techniques, related waste treatment, emissions and environmental impacts, water consumption, produced allergens and toxins. Additionally, the biofuel policy discussion is expected to be continuing in the foreseeable future and the reading of the biofuels features dealt with in this book, are recommended for anyone interested in understanding this diverse and developing theme.

⇒ Ausführliche Angaben: HT020307777

**Bernardes, Marco Aurélio dos Santos: Biofuels Engineering Process Technology**

⇒ Ausführliche Angaben: HT020307781
English. Inhaltliche Zusammenfassung: This book aspires to be a comprehensive summary of current biofuels issues and thereby contribute to the understanding of this important topic. Readers will find themes including biofuels development efforts, their implications for the food industry, current and future biofuels crops, the successful Brazilian ethanol program, insights of the first, second, third and fourth biofuel generations, advanced biofuel production techniques, related waste treatment, emissions and environmental impacts, water consumption, produced allergens and toxins. Additionally, the biofuel policy discussion is expected to be continuing in the foreseeable future and the reading of the biofuels features dealt with in this book, are recommended for anyone interested in understanding this diverse and developing theme.

⇒ Ausführliche Angaben: HT020307744

Bernardes, Marco Aurélio dos Santos: Developments in Heat Transfer
English. Inhaltliche Zusammenfassung: This book comprises heat transfer fundamental concepts and modes (specifically conduction, convection and radiation), bioheat, entransy theory development, micro heat transfer, high temperature applications, turbulent shear flows, mass transfer, heat pipes, design optimization, medical therapies, fiber-optics, heat transfer in surfactant solutions, landmine detection, heat exchangers, radiant floor, packed bed thermal storage systems, inverse space marching method, heat transfer in short slot ducts, freezing and drying mechanisms, variable property effects in heat transfer, heat transfer in electronics and process industries, fission-track thermochronology, combustion, heat transfer in liquid metal flows, human comfort in underground mining, heat transfer on electrical discharge machining and mixing convection. The experimental and theoretical investigations, assessment and enhancement techniques illustrated here aspire to be useful for many researchers, scientists, engineers and graduate students.

⇒ Ausführliche Angaben: HT020307775

Bernhart, Toni: Volksschauspiele. Genese einer kulturgeschichtlichen Formation
German. Inhaltliche Zusammenfassung: Many types of works are characterized as folk plays: the peasant play, the passion play, the knightly drama, the tradition play, the mass festival, the anti-folk play, and the social drama. This book reconstructs the development of the folk play from the 18th century until today and puts into context the various forms it has taken. Textual examples from Johann Gottfried Herder to Elfriede Jelinek serve as illustration.

⇒ Ausführliche Angaben: HT020309953

Berti, Monica: Digital Classical Philology
English. Inhaltliche Zusammenfassung: This book describes the state of the art of digital philology with a focus on ancient Greek and Latin. It addresses problems such as accessibility of information about Greek and Latin sources, data entry, collection and analysis of Classical texts and describes the fundamental role of libraries in building digital catalogs and developing machine-readable citation systems.

⇒ Ausführliche Angaben: HT020309661

Berto, Filippo / Ferro, Paolo: Residual Stress Analysis on Welded Joints by Means of Numerical Simulation and Experiments
English. Inhaltliche Zusammenfassung: The ability to quantify residual stresses induced by welding processes through experimentation or numerical simulation has become, today more than ever, of strategic importance in the context of their application to advanced design. This is an ongoing challenge that commenced many years ago. Recent design criteria endeavour to quantify the effect of residual stresses on fatigue strength of welded joints to allow a more efficient use of materials and a greater reliability of welded structures. The aim of the present
book is contributing to these aspects of design through a collection of case-studies that illustrate both standard and advanced experimental and numerical methodologies used to assess the residual stress field in welded joints. The work is intended to be of assistance to designers, industrial engineers and academics who want to deepen their knowledge of this challenging topic.

⇒ Ausführliche Angaben: HT020308709

Best, David: Pathways to Recovery and Desistance
English. Inhaltliche Zusammenfassung: Available Open Access under CC-BY-NC licence. Putting forward a new recovery roadmap and new reform models for prisoners reintegration, Best provides an accessible guide for the implementation of community partnerships for people in recovery from substance abuse or rehabilitating from offending. Using case studies and a strengths-based approach the book emphasizes the importance of long-term recovery and the role that communities and peers play in the process.

⇒ Ausführliche Angaben: HT020307504

Bethell, Leslie: Brazil: Essays on History and Politics
eng.

⇒ Ausführliche Angaben: HT020309738

Bethume, Kim: Gestion et entretien des bâtiments royaux dans les Pays-Bas autrichiens (1715-1794)
French. Inhaltliche Zusammenfassung: Depuis la gouvernance de Marie de Hongrie, les Gouverneurs généraux chargés de l'administration de nos provinces avaient pour habitude de s'installer à Bruxelles. Pour leur confort et celui de l'importante Cour qui les entourait, le Souverain avait mis à leur disposition l'ensemble de ses biens immobiliers en Brabant. Ces châteaux, maisons, parcs, viviers et autres étaient entretenus à grands frais par une institution spécialement mise en place dans ce but: le Bureau des ouvrages de la Cour. Méconnu jusqu'à présent, cet organisme constituait toutefois une pièce maîtresse dans l'organisation de la vie quotidienne de la Cour de Bruxelles. Les compétences de cette institution ainsi que le personnel qui la composait ont été étudiées à partir des instructions et règlements édictés pour ce département. Ces directives ont ensuite été confrontées aux activités quotidiennes du Bureau pour déterminer dans quelle mesure elles étaient appliquées et/ou adaptées. Enfin, les difficultés éprouvées par ce département dans la gestion de ses affaires ont également été analysées. Grâce à cette étude, un portrait relativement complet du Bureau des ouvrages de la Cour a donc pu être dressé, permettant ainsi de le situer parmi les autres institutions centrales du gouvernement autrichien.

⇒ Ausführliche Angaben: HT020309751

Betta, Gian Franco Dalla: Advances in Photodiodes
English. Inhaltliche Zusammenfassung: Photodiodes, the simplest but most versatile opto-electronic devices, are currently used in a variety of applications, including vision systems, optical interconnects, optical storage systems, photometry, particle physics, medical imaging, et cetera Advances in Photodiodes addresses the state-of-the-art, latest developments and new trends in the field, covering theoretical aspects, design and simulation issues, processing techniques, experimental results, and applications. Written by internationally renowned experts, with contributions from universities, research institutes and industries, the book is a valuable reference tool for students, scientists, engineers, and researchers.

⇒ Ausführliche Angaben: HT020307707

Bettany-Saltikov, Josette / Paz-Lourido, Berta: Physical Therapy Perspectives in the 21st Century - Challenges and Possibilities
English. Inhaltliche Zusammenfassung: This book contains new information on physical therapy research and clinical approaches that are being undertaken into numerous medical conditions; biomechanical and musculoskeletal conditions as well as the effects of psychological factors, body awareness and relaxation techniques; specific and specialist exercises for the treatment of scoliosis and spinal deformities in infants and adolescents; new thermal agents are being introduced and different types of physical therapy interventions are being introduced for the elderly both in the home and clinical setting. Additionally research into physical therapy interventions for patients with respiratory, cardiovascular disorders and stroke is being undertaken and new concepts of wheelchair design are being implemented.

⇒ Ausführliche Angaben: HT020307898

**Bettany-Saltikov, Josette / Schreiber, Sanja: Innovations in Spinal Deformities and Postural Disorders**


English. Inhaltliche Zusammenfassung: Innovations in Spinal Deformities and Postural Disorders presents a compendium of innovative work in the management of spinal deformities and postural disorders. The chapters were carefully selected with clinicians, researchers, patients and parents in mind. All of these stakeholders are important links in the management of spinal deformities and disorders. It is our hope that all will remain open to new ideas in the field and will be able to evaluate the material carefully and in ways that are objective and evidence based. We hope that the different chapters in the book will stimulate readers to be original and innovative in their own centers in order to help our patients in the best way possible. This book contains new information on the 3D measurement of, as well as new approaches to, the 3D conservative, including exercises and braces, and surgical treatments for patients with spinal deformities and postural disorders.

⇒ Ausführliche Angaben: HT020308445

**Beverungen, Armin / Mirowski, Philip / Nik-Khah, Edward: Markets**


English. Inhaltliche Zusammenfassung: Markets abound in media-but a media theory of markets is still emerging. Anthropology offers media archaeologies of markets, and the sociology of markets and finance unravels how contemporary financial markets have witnessed a media technological arms race. Building on such work, this volume brings together key thinkers of economic studies with German media theory, describes the central role of the media specificity of markets in new detail and inflects them in three distinct ways. Nik-Khah and Mirowski show how the denigration of human cognition and the concomitant faith in computation prevalent in contemporary market-design practices rely on neoliberal conceptions of information in markets. Schröter confronts the asymmetries and abstractions that characterize money as a medium and explores the absence of money in media. Beverungen situates these inflections and gathers further elements for a politically and historically attuned media theory of markets concerned with contemporary phenomena such as high-frequency trading and cryptocurrencies.

⇒ Ausführliche Angaben: HT020310454

**Bewegt studieren - Studieren bewegt!**


⇒ Ein Medium

- Freihand:

⇒ DDC (Dewey Decimal Classification):
  - 300DNB 300DNB

⇒ DDC (Dewey Decimal Classification):
  - 30023sdnb 30023sdnb

⇒ Ausführliche Angaben: HT020314645
Bezerra, Leilson Rocha / Edvan, Ricardo Loiola: New Perspectives in Forage Crops
English. Inhaltliche Zusammenfassung: In livestock management, the production of forage plants is undoubtedly the most efficient way to produce products of animal origin with quality and economic viability. We hope that the readers of the book New Perspectives in Forage Crops will have a good reading and appreciate the information provided on forage production, since the book draws on the expertise of different specialists of the area, who discuss the following aspects: fertilization, semiarid region production, forage species selection, nitrogen fixation, grasses, legumes, cacti, drought, et cetera. The authors of the book are of different nationalities and provide important information and diverse perspectives on the subject of forage farming.
⇒ Ausführliche Angaben: HT020308543

Bhardwaj, Sonia Bhonchal: Oral Microbiology in Periodontitis
English. Inhaltliche Zusammenfassung: This book will serve as a brief yet exhaustive guide to the role of oral microbes in health and disease. It will be useful to dental and medical students and to microbiologists.
⇒ Ausführliche Angaben: HT020308904

Bharti, Ajay / Kumar, Sunil: Management of Organic Waste
English. Inhaltliche Zusammenfassung: This book reports research on the utilization of organic waste through composting and vermicomposting, biogas production, recovery of waste materials, and the chemistry involved in the processing of organic waste under various processing aspects. A few chapters on collection systems and disposal of wastes have also been included.
⇒ Ausführliche Angaben: HT020307836

Bhuiyan, Mohammad Arif Sobhan / Reaz, Mamun Bin Ibne: RF Systems, Circuits and Components
English. Inhaltliche Zusammenfassung: Radio frequency (RF) refers to frequencies between the upper limit of audio frequencies (> 20 KHz) and the lower limit of infrared frequencies (< 300 GHz). The increased popularity and easy operation of RF devices for different end users and corporate applications such as RFID, Bluetooth, Zigbee and Wi-Fi devices and sensors have raised the demand for small power and less off-chip components that tend to achieve integrated circuits with added security and convenience. Concurrent technologies allow the scientists to reinvent low-power, high-performance and reliable RF systems, circuits and components for many home and commercial applications. The features of RF systems, circuits and components are still being researched and integrated in existing systems to create marketable and potential new RF products for more exciting applications.
⇒ Ausführliche Angaben: HT020309308

Bialski, Paula / Brunton, Finn / Bunz, Mercedes: Communication
English. Inhaltliche Zusammenfassung: Contemporary communication puts us not only in conversation with one another but also with our machinery. Machine communication-to communicate not just via but also with machines-is therefore the focus of this volume. Diving into digital communications history, Finn Brunton brings to the fore the alienness of computational communication by looking at network timekeeping, automated trolling, and early attempts at communication with extraterrestrial life. Picking up this fascination with inhuman communication, Mercedes Bunz then performs a close reading of interaction design and interfaces to show how technology addresses humans (as very young children). Finally, Paula
Bialski shares her findings from a field study of software development, analyzing the communicative forms that occur when code is written by separate people. Today, communication unfolds merely between two or more conscious entities but often includes an invisible third party. Inspired by this drastic shift, this volume uncovers new meanings of what it means "to communicate.”.

⇒ Ausführliche Angaben: HT020310455

Biernat, Krzysztof: Alternative Fuels, Technical and Environmental Conditions
English. Inhaltliche Zusammenfassung: The presented book provides an overview of the most widely used alternative fuels in the power supply systems in spark-ignition engines and compression-ignition engines, such as LPG, CNG and RME, including the assessment of their operational usefulness, especially in terms of environmental impact in urban traffic. The possibilities of optimizing the ignition processes in engines fueled by gas are presented. The monograph also contains the results of exploitation tests with an assessment of the environmental impact of fuels containing oxygen additives in diesel engines. The possibilities of producing a wide range of advanced alternative fuels (biofuels) with the use of microorganisms as raw materials are also presented.

⇒ Ausführliche Angaben: HT020308011

Biernat, Krzysztof: Biofuels - State of Development
English. Inhaltliche Zusammenfassung: This book offers the current state of knowledge in the field of biofuels, presented by selected research centers from around the world. Biogas from waste production process and areas of application of biomethane were characterized. Also, possibilities of applications of wastes from fruit bunch of oil palm tree and high biomass/bagasse from sorghum and Bermuda grass for second-generation bioethanol were presented. Processes and mechanisms of biodiesel production, including the review of catalytic transesterification process, and careful analysis of kinetics, including bioreactor system for algae breeding, were widely analyzed. Problem of emissivity of NOx from engines fueled by B20 fuel was characterized. The closing chapters deal with the assessment of the potential of biofuels in Turkey, the components of refinery systems for production of biodegradable plastics from biomass. Also, a chapter concerning the environmental conditions of synthesis gas production as a universal raw material for the production of alternative fuels was also added.

⇒ Ausführliche Angaben: HT020308826

Biernat, Krzysztof: Biofuels - Status and Perspective
English. Inhaltliche Zusammenfassung: The edited volume presents the progress of first and second generation biofuel production technology in selected countries. Possibility of producing alternative fuels containing biocomponents and selected research methods of biofuels exploitation characteristics (also aviation fuels) was characterized. The book shows also some aspects of the environmental impact of the production and biofuels using, and describes perspectives of biofuel production technology development. It provides the review of biorefinery processes with a particular focus on pretreatment methods of selected primary and secondary raw materials. The discussion includes also a possibility of sustainable development of presented advanced biorefinery processes.

⇒ Ausführliche Angaben: HT020307995

Biernat, Krzysztof: Storage Stability of Fuels
English. Inhaltliche Zusammenfassung: This book presents an analysis of the results of studies of motor fuels ageing, conducted in laboratory and model conditions, in terms of building a system operating on-line, allowing continuous assessment of the operational usability of gasoline and diesel fuels, including those containing the addition of ethanol and FAME, respectively. This research was carried out in the framework of the project: A system for the continuous control of the degree and rate of the liquid fuels ageing
process during storage, which received co-funding from the European Regional Development Fund under the Operational Programme Innovative Economy. The book presents an evaluation of the impact of fuel production processes on its stability and an analysis of changes in normative parameters of fuels during their storage and use. The book presents also the results of tests on the corrosive effects of fuels during storage processes.

⇒ Ausführliche Angaben: HT020309605

Billán, Yésica Alejandra: Cómo enseñar la historia reciente argentina: Lectura, traducción y producción en una escuela del expartido de General Sarmiento
Spanish. Inhaltliche Zusammenfassung: Ubicado en el cruce entre los estudios de la memoria y la transmisión de la historia reciente, este trabajo analiza los procesos de lectura y traducción de la historia reciente que operan en el interior de una institución educativa que ha asumido la incorporación de tópicos controvertidos y aún en proceso de elaboración en el contexto urbano particular que lo circunda. Relación esta que se da entre una escuela ubicada en el Municipio de San Miguel y los hechos ocurridos en la guarnición militar Campo de Mayo durante la última dictadura. El libro estudia el proceso de enseñanza que se da cuando una profesora de historia y sus alumnos de sexto año realizan un producto cultural destinado a la comunidad: un libro que recopila diversos testimonios de habitantes de San Miguel a propósito de la conmemoración de 30 años de democracia.
⇒ Ausführliche Angaben: HT020309705

Binder, Thomas: Franz Brentano und sein philosophischer Nachlass
German. Inhaltliche Zusammenfassung: The monograph tries to throw new light on Franz Brentanos (1838-1917) conspicuous reluctance to publish his philosophical findings based on his biography, personality and the development of his scientific theories. In addition to that the book presents the difficult history of Brentano’s extensive philosophical Nachlass until the immediate present.
⇒ Ausführliche Angaben: HT020310441

Bingen, Hildegard von: Der Weg der Welt
German.
⇒ Ausführliche Angaben: HT020310043

Biradar, Mallanagouda Shivanagouda / Das, Kusal K.: Hypoxia and Anoxia
English. Inhaltliche Zusammenfassung: The molecular deprivation of oxygen is manifested by hypoxia, a deficiency of oxygen and anoxia, or the absence of oxygen supply to the tissues. This book entitled Hypoxia and Anoxia will cover a broad range of understanding on hypoxia and anoxia from molecular mechanisms to pathophysiology. Hypoxia and anoxia stimulate multiple systems through specific cell signal transduction pathways and regulate several transcriptional factors like HIF-1, REST to encode genes for VEGF, Epo. et cetera. This book will also highlight different types of hypoxia and anoxia along with their impact on apoptosis, cardiovascular pathophysiology, and glucose regulatory mechanisms. This book will be a ready reckoner to give a deep understanding of the oxygen-sensing environment in vivo for researchers, academicians, and clinicians throughout the world.
⇒ Ausführliche Angaben: HT020309155
**Bischoff, Karl: Botanik**  
1852. 1 electronic resource (160 pages). ISBN 9783111447339  
German.  
⇒ Ausführliche Angaben: HT020309935

**Bisen, Prakash S. / Tyagi, Rajeev K.: Immune Response Activation and Immunomodulation**  
English. Inhaltliche Zusammenfassung: Immune Response Activation and Immunomodulation has been written to address the perceived needs of both medical school and undergraduate curricula and to take advantage of new understandings in immunology. We have tried to achieve several goals and present the most important principles governing the function of the immune system. Our fundamental objective has been to synthesize the key concepts from the vast amount of experimental data that have emerged in the rapidly advancing field of immunology. The choice of what is most important is based on what is most clearly established by experimentation, what our students find puzzling, and what explains the wonderful efficiency and economy of the immune system. Inevitably, however, such a choice will have an element of bias, and our bias is toward emphasizing the cellular interactions in immune response by limiting the description of many of the underlying biochemical and molecular mechanisms to the essential facts. This book gives an insight into the role of cytokines in activating immune response during pathogenic invasion. Immunomodulation, ary1 hydrocarbons, the role of the protein defensin and nucleated cells in provoking immune response, Bcl protein/gene-based apoptotic pathways, and plant-derived phytochemical-mediated immune response are all central themes of this book.  
⇒ Ausführliche Angaben: HT020309345

⇒ Ausführliche Angaben: HT020310026

**Bitz, Lidija: Genetic Diversity**  
English. Inhaltliche Zusammenfassung: Genetic diversity is the entire amount of genes and genotypes in a group of organisms and is of vital importance for their adaptation to different living conditions. If, for example, all humans were identical, the extinction of the entire kind could happen very fast. Let us care and nourish differences! The goal of this book is to present some of the contemporary thoughts on understandings of the genetic diversity patterns and their altering in a changing world. The book is aimed to the ones inspired to study and contemplate genetic diversity and to the audience beyond any frames.  
⇒ Ausführliche Angaben: HT020308167

**Bizaki, Hossein Khaleghi: Towards 5G Wireless Networks - A Physical Layer Perspective**
Inhaltliche Zusammenfassung: This book intends to provide highlights of the current research topics in the field of 5G and to offer a snapshot of the recent advances and major issues faced today by the researchers in the 5G physical layer perspective. Various aspects of 5G system is deeply discussed (in three parts and ten chapters) with emphasis on its physical layer. Each chapter provides a comprehensive survey of the subject area and ends with a rich list of references to provide an in-depth coverage of the application at hand.

⇒ Ausführliche Angaben: HT020308109

Blanco, Ignazio: Siloxane-Based Polymers

English. Inhaltliche Zusammenfassung: This book, a collection of 12 original contributions and 4 reviews, provides a selection of the most recent advances in the preparation, characterization, and applications of polymeric nanocomposites comprising nanoparticles. The concept of nanoparticle-reinforced polymers came about three decades ago, following the outstanding discovery of fullerenes and carbon nanotubes. One of the main ideas behind this approach is to improve the matrix mechanical performance. The nanoparticles exhibit higher specific surface area, surface energy, and density compared to microparticles and, hence, lower nanofiller concentrations are needed to attain properties comparable to, or even better than, those obtained by conventional microfiller loadings, which facilitates processing and minimizes the increase in composite weight. The addition of nanoparticles into different polymer matrices opens up an important research area in the field of composite materials. Moreover, many different types of inorganic nanoparticles, such as quantum dots, metal oxides, and ceramic and metallic nanoparticles, have been incorporated into polymers for their application in a wide range of fields, ranging from medicine to photovoltaics, packaging, and structural applications.

⇒ Ausführliche Angaben: HT020307387

Blanco, Juan / Kheradmand, Houshang: Climate Change - Geophysical Foundations and Ecological Effects

English. Inhaltliche Zusammenfassung: This book offers an interdisciplinary view of the biophysical issues related to climate change. Climate change is a phenomenon by which the long-term averages of weather events (id est temperature, precipitation, wind speed, et cetera) that define the climate of a region are not constant but change over time. There have been a series of past periods of climatic change, registered in historical or paleoecological records. In the first section of this book, a series of state-of-the-art research projects explore the biophysical causes for climate change and the techniques currently being used and developed for its detection in several regions of the world. The second section of the book explores the effects that have been reported already on the flora and fauna in different ecosystems around the globe. Among them, the ecosystems and landscapes in arctic and alpine regions are expected to be among the most affected by the change in climate, as they will suffer the more intense changes. The final section of this book explores in detail those issues.

⇒ Ausführliche Angaben: HT020307771

Blanco, Juan / Kheradmand, Houshang: Climate Change - Research and Technology for Adaptation and Mitigation

English. Inhaltliche Zusammenfassung: This book provides an interdisciplinary view of how to prepare the ecological and socio-economic systems to the reality of climate change. Scientifically sound tools are needed to predict its effects on regional, rather than global, scales, as it is the level at which socio-economic plans are designed and natural ecosystem reacts. The first section of this book describes a series of methods and models to downscale the global predictions of climate change, estimate its effects on biophysical systems and monitor the changes as they occur. To reduce the magnitude of these changes, new ways of economic activity must be implemented. The second section of this book explores different options to
reduce greenhouse emissions from activities such as forestry, industry and urban development. However, it is becoming increasingly clear that climate change can be minimized, but not avoided, and therefore the socio-economic systems around the world will have to adapt to the new conditions to reduce the adverse impacts to the minimum. The last section of this book explores some options for adaptation.

⇒ Ausführliche Angaben: HT020307767

**Blanco, Juan / Kheradmand, Houshang: Climate Change - Socioeconomic Effects**

English. Inhaltliche Zusammenfassung: This book shows some of the socio-economic impacts of climate change according to different estimates of the current or estimated global warming. A series of scientific and experimental research projects explore the impacts of climate change and browse the techniques to evaluate the related impacts. These 23 chapters provide a good overview of the different changes impacts that already have been detected in several regions of the world. They are part of an introduction to the researches being done around the globe in connection with this topic. However, climate change is not just an academic issue important only to scientists and environmentalists; it also has direct implications on various ecosystems and technologies.

⇒ Ausführliche Angaben: HT020307770

**Blaudeau, Philippe / Nuffelen, Peter: L’historiographie tardo-antique et la transmission des savoirs**

French. Inhaltliche Zusammenfassung: This volume focuses on the role played by historiography in the selection, processing and transmission of knowledge in Late Antiquity. In particular, the transmission of documents (civil and ecclesiastical, authentic and apocryphal) is studied, the impact of differences in genre, as well as how historical, anthropological, ethnographic, astronomical, and medical notions are reshaped in new cultural traditions.

⇒ Ausführliche Angaben: HT020307645

**Bloch, Robert: De Pseudo-Luciani Amoribus**
1907. 1 electronic resource (75 pages). ISBN 97831111656892

German.

⇒ Ausführliche Angaben: HT020310014

**Bloise, Andrea / Punturo, Rosalda / Kusiorowski, Robert: Mineral Fibres**

eng. Inhaltliche Zusammenfassung: In the last decades, there has been increasing interest in Naturally Occurring Asbestos (NOA) and asbestos containing materials (ACMs) as a source of possible environmental risk. A crucial theme of interest related to environmental pollution is the enhanced mobilization of asbestos minerals affecting soils and rocks due to human activities (e.g., road construction, mining activity) in comparison with natural weathering processes. The volume has aimed to gather contributions and to compare results derived from various experiences of research groups regarding NOA minerals as a source of possible environmental risks for population. Case studies from various geological contexts are presented. Moreover, contributions presenting novel and classical approaches for ACM inertization and recycling, together with possible solutions for reducing asbestos exposure, has been also presented.

⇒ Ausführliche Angaben: HT020307400

**Blomström, Magnus / La Croix, Sumner: Institutional Change in Japan**

English. Inhaltliche Zusammenfassung: This is a new analysis of recent changes in important Japanese institutions. It addresses the origin, development, and recent adaptation of core
institutions, including financial institutions, corporate governance, lifetime employment, and the amakudari system. After four decades of rapid economic growth in Japan, the 1990s saw the country enter a prolonged period of economic stagnation. Policy reforms were initially half-hearted, and businesses were slow to restructure as the global economy changed. The lagging economy has been impervious to aggressive fiscal stimulus measures and has been plagued by ongoing price deflation for years. Japan’s struggle has called into question the ability of the country’s economic institutions, originally designed to support factor accumulation and rapid development, to adapt to the new economic environment of the twenty-first century. This book discusses both historical and international comparisons including Meiji Japan, and recent economic and financial reforms in Korea, Scandinavia, Switzerland, and New Zealand, placing the current institutional changes in perspective. The contributors argue that, contrary to conventional wisdom that Japanese institutions have remained relatively rigid, there has been significant institutional change over the last decade.

⇒ Ausführliche Angaben: HT020310224

**Bloom, Gina: Gaming the Stage: Playable Media and the Rise of English Commercial Theater**

English. Inhaltliche Zusammenfassung: Rich connections between gaming and theater stretch back to the 16th and 17th centuries, when England’s first commercial theaters appeared right next door to gaming houses and blood-sport arenas. In the first book-length exploration of gaming in the early modern period, Gina Bloom shows that theaters succeeded in London’s new entertainment marketplace largely because watching a play and playing a game were similar experiences. Audiences did not just see a play; they were encouraged to play the play, and knowledge of gaming helped them become better theatergoers. Examining dramas written for these theaters alongside evidence of analog games popular then and today, Bloom argues for games as theatrical media and theater as an interactive gaming technology. Gaming the Stage also introduces a new archive for game studies: scenes of onstage gaming, which appear at climactic moments in dramatic literature. Bloom reveals plays to be systems of information for theater spectators: games of withholding, divulging, speculating, and wagering on knowledge. Her book breaks new ground through examinations of plays such as The Tempest, Arden of Faversham, A Woman Killed with Kindness, and A Game at Chess; the histories of familiar games such as cards, backgammon, and chess; less familiar ones, like Game of the Goose; and even a mixed-reality theater videogame.

⇒ Ausführliche Angaben: HT020310326

**Blumenberg, Miroslav: Human Skin Cancer, Potential Biomarkers and Therapeutic Targets**

English. Inhaltliche Zusammenfassung: Skin cancers, basal and squamous cell carcinomas, malignant melanomas, and Merkel cell carcinomas, constitute arguably the most common and increasingly prevalent human neoplasms. Here we discuss the epigenetic changes in DNA and chromatin, which are increasingly associated with melanoma. Several chapters focus on the posttranscriptional modification of the proteins at the melanocyte cell surface, their role in tumorigenesis, and their potential as therapeutic targets. Specifically, extracellular modifications of integrins, glycosylation of cell surface proteins, and changes of cadherins are presented. In a very interesting approach, a potential to target the mitochondria of melanoma cells is investigated. In conclusion, this volume presents various aspects of human skin cancers, components of the large worldwide effort to combat and eradicate this growing health concern.

⇒ Ausführliche Angaben: HT020308059

**Blumenberg, Miroslav: Human Skin Cancers - Pathways, Mechanisms, Targets and Treatments**
Blumenberg, Miroslav: Keratin
English. Inhaltliche Zusammenfassung: Keratin is the proteinaceous body covering layer produced by mammals, birds, fish, reptiles, and amphibians. Hair and wool, horns, claws, hooves, feathers, and scales are made of keratin. Keratin is insoluble in water and is resistant to proteolysis. Importantly, keratin is also the intracellular structural protein that protects living epithelial cells from mechanical damage or stress. The fundamental keratin functions are revealed in congenital human skin diseases caused by mutations in keratin genes, e.g., Epidermolysis bullosa simplex or Epidermolytic hyperkeratosis. Most keratin gene mutations have a dominant-negative effect disrupting the filamentous structure formation even from the natural allele, and leaving the cell with a deficient cytoskeleton. However, industrial scale mat production results in vast quantities of keratin byproduct. Processing this byproduct is, on the one hand a major challenge, and on the other hand, a potential for useful recycling and exploitation.
⇒ Ausführliche Angaben: HT020308684

Blumenberg, Miroslav: Melanin
English. Inhaltliche Zusammenfassung: The word melanin refers to dark natural pigments produced by the oxidative degradation of tyrosine, catalyzed by tyrosinase, and polymerized into insoluble granular substance. The main function of melanin is to protect from harmful agents, primarily UV radiation, but also from oxidation, heavy metals, et cetera In this volume, chapters deal with production of melanin in human oral mucosa (Liviu and others), the regulation of melanin action (Cecile and others), production and potential technological application of fungal melanins (Pombiero-Sponchiado and others) and an innovative method for measuring melanin in various samples (Zdybel and others). In conclusion, this volume presents various biological and industrial aspects of melanin production, uses and analysis.
⇒ Ausführliche Angaben: HT020309161

Board, James E.: A Comprehensive Survey of International Soybean Research - Genetics, Physiology, Agronomy and Nitrogen Relationships
English. Inhaltliche Zusammenfassung: Soybean is the most important oilseed and livestock feed crop in the world. These dual uses are attributed to the crops high protein content (nearly 40% of seed weight) and oil content (approximately 20%): characteristics that are not rivaled by any other agronomic crop. Across the 10-year period from 2001 to 2010, world soybean production increased from 168 to 258 million metric tons (54% increase). Against the backdrop of soybeans striking ascendancy is increased research interest in the crop throughout the world. Information in this book presents a comprehensive view of research efforts in genetics, plant physiology, agronomy, agricultural economics, and nitrogen relationships that will benefit soybean stakeholders and scientists throughout the world. We hope you enjoy the book.
⇒ Ausführliche Angaben: HT020307937

Boas, Ana Alice Vilas: Organizational Conflict
In this book, we learn about organizational conflict, highlighting different perspectives of conflict resolution and conflict management in different settings and areas, as well as different theoretical views on this subject. The authors from Norway, Estonia, Nigeria, Israel, USA, Slovakia, Turkey, Finland, Uruguay, and Italy bring ideas, studies, findings, and experiences to enhance our knowledge in the field of organizational conflict. The book is divided into two sections, and their respective chapters refer to two different perspectives of study. The first section covers Conceptual Frameworks on Organizational Conflict, considering management and conflict resolution, conflict in organizations as an indicator for organizational values, organizational trust as a conflict management tool, conflicts and social capital, and team conflict in complex adaptive systems. The second section deals with Empirical Studies on Organizational Conflict, emphasizing research on conflict resolution from the perspective of managers and project teams, resistance to change and conflict of interest, conflicts as a springboard for Metallica’s success, drivers of innovation deployment affecting marketing relationships, and impacts of national culture on the use of bonuses for teamwork. Thus, we consider this book will be of interest to readers with a diverse group of interests in different specialties such as management, social psychology, education, law, and sociology.

Boas, Ana Alice Vilas: Quality of Life and Quality of Working Life
English. Inhaltliche Zusammenfassung: In this book, we can read about the well-being, quality of life, and quality of working life. The authors come from different countries, and their ideas, studies, findings, and experiences offer beneficial contributions to enhance our knowledge in the field of well-being and quality of life, as well as quality of working life. The book is divided into two sections, and their respective chapters refer to two major areas. The first section covers Different Perspectives of Quality of Life, considering the antecedents of happiness, quality of life and sports, quality of life indexes for the United States, well-being in the context of family policies in European countries, cultural well-being and income in Italy, and the right to life in South Africa. The second section deals with Well-Being and Quality of Working Life, emphasizing these topics for university professors in Brazil, as well as work-related well-being, psychological well-being of individuals as employees, physical and psychical well-being and stress, human work in organizations considering the discomfort perspective, and professional pride and dignity among social workers. Thus, we consider this book will be of interest for readers with a diverse group of audience in different areas of specialty such as psychology, industrial and social psychology, management, medicine, education, law, and sociology.

Bobbarala, Varaprasad: Drug Discovery - Concepts to Market
English. Inhaltliche Zusammenfassung: The book Drug Discovery - Concepts to Market is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the latest drug discovery trends that have been revolutionized with up-to-date technological developments. This book comprises single chapters authored by various researchers and edited by an expert active in the drug development research area. All chapters are independently complete but united under a common research study topic. This publication aims to provide a thorough overview of the latest research efforts in this field from international authors and open new possible research paths for further novel developments.

Bobek, Vito: Management of Cities and Regions
English. Inhaltliche Zusammenfassung: Cities and regions represent the driving force of development in economic, social, and cultural life and reflect the spatial organization of human society. Furthermore, strategic urban regions are becoming increasingly important players in the global economy, as the impact of national states decreases while the impact of cities and
urban regions is increasing. The process of globalization is reflected in the tendency for gaining competitiveness and efficiencies of global trends. Once cities and regions have identified where they are, they need to decide where they want to be in the future. And to do this, they need to understand the significant trends that will influence the direction in which the future unfolds. Managing the identified capitals (four of them are subject of the sections in this book) effectively means taking a holistic approach, since each of the capitals depends on the others. The necessity of taking a holistic approach is one of the themes to emerge particularly strongly from the knowledge-based economy.

⇒ Ausführliche Angaben: HT020308479

Bobek, Vito: Trade and Global Market
English. Inhaltliche Zusammenfassung: International capital flows have become significantly important since the increasing trend in globalization of the early 1990s. The diversified global market has become one single market, the investment sector has strengthened itself and countries have started to allow investment inflows for economic growth. Empirical studies have revealed that political instability, political regimes and the quality of existing institutions, in addition to the transition procedure of a nation itself, have a deterministic effect on the linkage of economic growth and corruption. Additionally, exchange rate volatility can determine the amount of exchange rate risk that firms can be opposed to; therefore, exchange rate volatility is a crucial issue that should be monitored by central banks to prevent contagion of negative microeconomic developments to macroeconomic activity and stability. The significant transformation of banking markets raises many questions regarding the motives of financial organisations to finance SMEs, for example what are the factors that have an impact on these organisations choice and market strategies?

⇒ Ausführliche Angaben: HT020309036

Boczkowska, Anna: Advanced Elastomers - Technology, Properties and Applications
English. Inhaltliche Zusammenfassung: This book provides an extensive overview of current trends in the area of elastomers and their composites from the chapters contributed by internationally recognized specialists. The book deals with novel synthesis, modelling and experimental methods in elastomers. Contents include: new approach to crosslinking, liquid crystal elastomers, nanocomposites, smart elastomers, elastomers in microelectronics and microfluidics, elastomers in cement concrete and mortar, experimental testing and modelling. Each section demonstrates how enhancements in materials, processes and characterization techniques can improve performance in the field of engineering. The book provides a unique opportunity to discover the latest research on elastomer advances from laboratories around the world. This book addresses to industrial and academic researchers in the fields of physical, chemical, biological sciences and engineering.

⇒ Ausführliche Angaben: HT020309582

Bode, Katherine: A World of Fiction: Digital Collections and the Future of Literary History
English. Inhaltliche Zusammenfassung: During the 19th century, throughout the Anglophone world, most fiction was first published in periodicals. In Australia, newspapers were not only the main source of periodical fiction, but the main source of fiction in general. Because of their importance as fiction publishers, and because they provided Australian readers with access to stories from around the world—from Britain, America and Australia, as well as Austria, Canada, France, Germany, New Zealand, Russia, South Africa, and beyond—Australian newspapers represent an important record of the transnational circulation and reception of fiction in this period. Investigating almost 10,000 works of fiction in the world’s largest collection of mass-digitized historical newspapers (the National Library of Australia’s Trove database), A World of Fiction reconceptualizes how fiction traveled globally, and was received and understood
locally, in the 19th century. Katherine Bode’s innovative approach to the new digital collections that are transforming research in the humanities are a model of how digital tools can transform how we understand digital collections and interpret literatures in the past.

⇒ Ausführliche Angaben: HT020310331

Böhm, Sebastian: Eishockey

⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
- 796DNB 796DNB
⇒ DDC (Dewey Decimal Classification):
- 79623sdbn 79623sdbn
⇒ Ausführliche Angaben: HT020312477

Böldicke, Thomas: Antibody Engineering
English. Inhaltliche Zusammenfassung: Antibody Engineering comprises in vitro selection and modification of human antibodies including humanization of mouse antibodies for therapy, diagnosis, and research. This book comprises an overview about the generation of antibody diversity and essential techniques in antibody engineering: construction of immune, naive and synthetic libraries, all available in vitro display methods, humanization by chain shuffling, affinity maturation techniques, de novo synthesis of antibody genes, colony assays for library screening, construction of scFvs from hybridomas, and purification of monoclonal antibodies by exclusion chromatography. In addition, other topics that are discussed in this book are application and mechanism of single domain antibodies, structural diversity of antibodies, immune-mediated skin reactions induced by TNF-alpha recombinant antibodies, and bioinformatic approaches to select pathogen-derived peptide sequences for antibody targets.

⇒ Ausführliche Angaben: HT020308579

Bogaardt, Hans / Speyer, Renee: Seminars in Dysphagia
English. Inhaltliche Zusammenfassung: Seminars in Dysphagia provides a comprehensive overview of contemporary issues in the field of dysphagia assessment, treatment and management in diverse subject populations. Expert views are shared by international clinical experts from different medical and allied health fields. This book contains an introductory chapter on the anatomical structures and physiology processes that underpin dysphagia and discusses the effects of polypharmacy and ageing on deglutition. Contemporary practices of functional assessment of swallowing and the endoscopic assessment for both oropharyngeal and esophageal dysphagia are reviewed. Both the nutritional support and decision making in oral route are described and the impact of dysphagia on carers and family when managing dysphagia. Several chapters are dedicated to outlining the manifestation and consequences of dysphagia in specific populations, including persons with Parkinsons disease, dystonia, chronic obstructive pulmonary disease and mixed connective tissue disease.

⇒ Ausführliche Angaben: HT020309608

Boldura, Oana-Maria / Balta, Cornel: Electrophoresis - Life Sciences Practical Applications
English. Inhaltliche Zusammenfassung: Electrophoresis is a widely used method in the field of life sciences, having multiple practical applications in physical, chemical, biochemical, and molecular biology domains. This book contains 8 chapters depicting various applications of this technique in biochemistry, molecular biology, and physical chemistry. This book presents the link between the exposed method and its applications in a very explicit manner and
offers a wide range of practical examples. The book provides not only a vision of actual methods but also their necessary further improvements and suggested developments. Therefore, a particular attention was given to the described techniques as true guidelines in the fields where electrophoresis is recommended, being useful for not only the scientists but also the laboratory clinicians.

⇒ Ausführliche Angaben: HT020308972

**Bondarchuk, Evgenij / Axenov, Konstantin / Brade, Isolde: The Transformation of Urban Space in Post-Soviet Russia**
English. Inhaltliche Zusammenfassung: In the years since 1989, the societies of Russia and Eastern Europe have undergone a remarkable transformation from socialism to democracy and free market capitalism. Making an important contribution to the theoretical literature of urbanism and post-communist transition, this significant book considers the change in the spatial structure of post-Soviet urban spaces since the period of transition began. It argues that the era of transformation can be considered as largely complete, and that this has given way to a new stage of development as part of the global urban and economic system: post-transformation. The authors examine the modern trends in the urban development of western and post-socialist countries, and explore the theories of the transformation and post-transformation of urban space. Providing a wealth of detailed qualitative research on the Russian city of St. Petersburg, the study examines the changing structure of its retail trade and services sector. Overall, this book is an important step forward in the study of the spatial dynamics of urban transformation in the former communist world.

⇒ Ausführliche Angaben: HT020310086

**Bordogna, Gloria: Geoinformatics in Citizen Science**
eng. Inhaltliche Zusammenfassung: The book features contributions that report original research in the theoretical, technological, and social aspects of geoinformation methods, as applied to supporting citizen science. Specifically, the book focuses on the technological aspects of the field and their application toward the recruitment of volunteers and the collection, management, and analysis of geotagged information to support volunteer involvement in scientific projects. Internationally renowned research groups share research in three areas: First, the key methods of geoinformatics within citizen science initiatives to support scientists in discovering new knowledge in specific application domains or in performing relevant activities, such as reliable geodata filtering, management, analysis, synthesis, sharing, and visualization; second, the critical aspects of citizen science initiatives that call for emerging or novel approaches of geoinformatics to acquire and handle geoinformation; and third, novel geoinformatics research that could serve in support of citizen science.

⇒ Ausführliche Angaben: HT020307371

**Borek, Wojciech / Tanski, Tomasz: Study of Grain Boundary Character**
English. Inhaltliche Zusammenfassung: This book contains eight chapters with original and innovative research studies in the field of grain boundaries. The results presented in the chapters of this book are very interesting and inspiring. This book will be very valuable to all researchers who are interested in the influence of grain boundaries on the structure and different kinds of properties of engineering materials. This book is also addressed to students and professional engineers working in the industry as well as to specialists who pay attention to all aspects related to grain boundaries and their impact on the various properties of innovative materials. The chapters of this book were developed by respected and well-known researchers from different countries.

⇒ Ausführliche Angaben: HT020308125

**Borges, Maria de Lourdes: Emotion, Reason and Action in Kant**
Emotion, Reason and Action in Kant is an important new contribution to Kant Studies, suitable for students of Kant, ethics, and moral psychology.

Borin, Lars / Saxena, Anju / Moran, Steven: Chapter Black box approaches to genealogical classification and their shortcomings
English. Inhaltliche Zusammenfassung: In the past 20 years, the application of quantitative methods in historical linguistics has received a lot of attention. Traditional historical linguistics relies on the comparative method in order to determine the genealogical relatedness of languages. More recent quantitative approaches attempt to automate this process, either by developing computational tools that complement the comparative method (Steiner and others 2010) or by applying fully automatized methods that take into account very limited or no linguistic knowledge, e.g. the Levenshtein approach. The Levenshtein method has been extensively used in dialectometry to measure the distances between various dialects (Kessler 1995; Heeringa 2004; Nerbonne 1996). It has also been frequently used to analyze the relatedness between languages, such as Indo-European (Serva and Petroni 2008; Blanchard and others 2010), Austronesian (Petroni and Serva 2008), and a very large sample of 3002 languages (Holman 2010). In this paper we will examine the performance of the Levenshtein distance against n-gram models and a zipping approach by applying these methods to the same set of language data.

Borja, Alejandro Lucas: Metamaterials - Devices and Applications
English. Inhaltliche Zusammenfassung: Metamaterials have become one of the most important emerging technologies in the scientific community due to its unusual electromagnetic properties. Consequently, during the last years, a huge deal of efforts has been concentrated in order to design functional components and devices based on metamaterials for many potential applications. The main objective of this book is to present in-depth analysis of the theory, properties, and realizations of novel devices that could be integrated within modern and future communication systems. The book contains 11 chapters written by acknowledged experts, researchers, academics, and microwave engineers, providing comprehensive information and covering a wide range of topics on several aspects of microwaves and optics, including polarization conversion, asymmetric transmission, transmission lines, filters, plasmonic lenses, tunable metamaterials, light manipulation, absorbers, and antennas, among others. This book is suitable for scholars from large scientific domain and therefore given to engineers, scientists, graduates, and other interested professionals as a reference on these artificial materials of tomorrow.

Boskou, Dimitrios / Clodoveo, Maria Lisa: Products from Olive Tree
English. Inhaltliche Zusammenfassung: Olive tree products provide a number of documented presentations of the production and quality of the two most important olive tree products: virgin olive oil and table olives. It is a source that familiarizes readers with recent approaches
and innovations that can be introduced in the virgin olive oil extraction and stabilization technology and the preparation of table olives with emphasis on the presence of bioactive constituents. It also describes advances in the methods of checking authenticity and in the evaluation of attributes that may influence consumers perceptions and preferences. Other topics discussed are squalene, a trove of metabolic actions, pigments, geographical indication, biotechnology in table olive preparation, and recovery of hydroxytyrosol from olive-milling wastes.

⇒ Ausführliche Angaben: HT020308070

**Bosse, Friedrich: Prolegomena zu einer Geschichte des Begriffes "Nachfolge Christi"**
German.
⇒ Ausführliche Angaben: HT020310017

**Bouayed, Jaouad / Bohn, Torsten: Nutrition, Well-Being and Health**
English. Inhaltliche Zusammenfassung: In our modern society, expectations are high, also with respect to our daily diet. In addition to being merely nutritious, i.e., supplying a variety of essential nutrients, including macro-nutrients such as proteins or micro-nutrients such as minerals and vitamins, it is almost expected that a good diet offers further advantages - especially well-being and health and the prevention of chronic diseases, which are, as we generally tend to grow older and older, becoming a burden to enjoying private life and to the entire society. These additional qualities are often sought in diets rich also in non-nutritive components, such as phytochemicals. In contrast to drugs, which are taken especially to cure or ameliorate diseases, it is expected that a healthy diet acts in particular on the side of prevention, allowing us to become old without feeling old. In the present book, rather then trying to give an exhaustive overview on nutritional aspects and their link to well-being and health, selected topics have been chosen, intended to address presently discussed key issues of nutrition for health, presenting a reasonable selection of the manifold topics around diet, well-being, and health: from the antioxidants polyphenols and carotenoids, aroma-active terpenoids, to calcium for bone health, back to traditional Chinese Medicine.
⇒ Ausführliche Angaben: HT020307861

**Bouris, Dimitris: Chapter 7 Unintended Consequences of State-building Projects in Contested States**
English. Inhaltliche Zusammenfassung: The existing literature on state-building has focused mainly on post-conflict cases and conventional examples of statehood, without taking into consideration the particularities of states that remain internally and/or externally contested. The EU’s engagement in state-building through the deployment of EUPOL COPPS and EUBAM Rafah has generated various types of unintended consequences: anticipated and unanticipated, positive and negative, desirable and undesirable, some of which frustrate the initial intention. These have important reverberations for the EU’s conflict resolution strategies in Israel and Palestine, the most important being the strengthening of power imbalances and the enforcement of the status quo.
⇒ Ausführliche Angaben: HT020310412

**Boushaki, Toufik: Swirling Flows and Flames**
English. Inhaltliche Zusammenfassung: Swirl flows are used in a wide range of industrial applications. In non-reacting cases, examples of applications include vortex amplifiers and reactors, heat exchangers, jet pumps, and cyclone separators. In reacting cases, swirlers are widely used in combustion systems, such as gas turbines, industrial furnaces, boilers, gasoline and diesel engines, and many other practical heating devices. Effects of using swirl on flow and combustion are significant and varied, and concern, for example, aerodynamics,
mixing, flame stability, intensity of combustion, and pollutant emissions. The purpose of this book is to present recent research efforts to understand and characterize swirling flows of different types and in different applications. These include gaseous, liquid, and solid fuels in order to enhance combustion systems and their energy efficiency. Swirl flows are very complex and the studies proposed in this project are based on different means, including theoretical calculations, numerical modeling, and experimental measurements.

⇒ Ausführliche Angaben: HT020309418

Bousquet, François / Antona, Martine: Une troisième voie entre l'État et le marché
French. Inhaltliche Zusammenfassung: Following the trip to France by the 2009 Nobel Prize-winner in Economic Sciences, Elinor Ostrom, the authors of this work set out her teaching based on her direct interactions with the public. It is an entire critique of conventional economic theories that is expressed and a renewal of social sciences thinking that is taking place. Elinor Ostrom developed an alternative path to the State and the market in her work and experiences; this targeted desirable trajectories for the social and ecological systems.

⇒ Ausführliche Angaben: HT020307522

Bozic-Mijovski, Mojca: Anticoagulant Drugs
English. Inhaltliche Zusammenfassung: Anticoagulant drugs are among the most frequently prescribed drugs in everyday clinical practice. In the past decades, several new direct oral anticoagulants were developed that changed the anticoagulant therapy landscape considerably. This book provides an extensive overview of all the known anticoagulants that can be useful for studying different aspects of the haemostatic system or as a starting point for new drug development. It is also a valuable tool for clinicians providing a description of the mode of action and management of therapy for anticoagulant drugs used in everyday clinical practice in different clinical settings, including direct oral anticoagulants dabigatran, rivaroxaban, apixaban and edoxaban.

⇒ Ausführliche Angaben: HT020308942

Bozkurt, Yusuf: Biological Research in Aquatic Science
English. Inhaltliche Zusammenfassung: Biological research has a wide range of applications in aquatic science, which explores aquatic organisms morphological and physiological characteristics, their behavior and interactions, and their surrounding environment. Organized into five sections and written by experts in their respective fields, Biological Research in Aquatic Sciences covers topics including cryobiology, spermatology, climate change, migration of aquatic species, and plankton in aquatic ecosystems. This book will help researchers and interested readers better understand current trends in biological research regarding aquatic science.

⇒ Ausführliche Angaben: HT020309438

Bozkurt, Yusuf: Cryopreservation Biotechnology in Biomedical and Biological Sciences
English. Inhaltliche Zusammenfassung: Cryopreservation has many biotechnological applications in different fields. This has led to an increase in importance of cryobiology as a science that examines the effect of ultra-low temperatures on cells, tissues, organs and organisms and also the freezability of these structures, while maintaining their viability. Nowadays it is well known that this form of biotechnology can be used to solve a lot of problems such as human infertility, life threatening diseases, preservation of gametes and DNA and also biodiversity conservation. Cryopreservation Biotechnology in Biomedical and Biological Sciences describes principles and application of cryopreservation biotechnology in different research areas and includes seven chapters that have been written by experts in their research fields.
The chapters included in this book are thought to improve the current understanding of the different areas of using cryopreservation biotechnology.

⇒ Ausführliche Angaben: HT020309143

**Bozkurt, Yusuf: Recent Advances in Zebrafish Researches**
English. Inhaltliche Zusammenfassung: Model organisms have been used in various disciplines in order to understand different mechanisms underlying the problems. From this point of view, the zebrafish has become a favorite model organism in different scientific research fields in recent years because of its rapid embryonic development, transparency of its embryos, and its large number of offspring along with several other advantages. Recent Advances in Zebrafish Researches demonstrates the role and the function of zebrafish in different research fields and totally includes 11 chapters, which have been written by the expert researchers in their fields. With this book, every researcher will better understand different mechanisms underlying the problems at different disciplines using zebrafish as model organism.

⇒ Ausführliche Angaben: HT020308732

**Bozoglu, Gönül: Chapter 4 'A great bliss to keep the sensation of conquest alive!'**
English. Inhaltliche Zusammenfassung: One aim of this chapter is to foreground the interplay of official heritage and political discourse.

⇒ Ausführliche Angaben: HT020309700

**Bozoglu, Gönül / Eckersley, Susannah / Daugbjerg, Mads: Chapter 1 Dimensions of European heritage and memory**
English. Inhaltliche Zusammenfassung: This book is a reflection on the politics of heritage in Europe at the present time, in a moment of pluralised conceptions of the political, social and demographic organisation proper to Europe. It is not a book that seeks to survey, define or characterise an enduring 'European heritage' as an entity, but rather to explore what heritage does - how it is understood, instrumentalised and what it enables - within what we will argue is a 'critical' moment for both identities and geopolitics in Europe.

⇒ Ausführliche Angaben: HT020307663

**Bozsahin, Cem: Combinatory Linguistics**
English. Inhaltliche Zusammenfassung: The book examines to what extent the mediating relation between constituents and their semantics can arise from combinatory knowledge of words. It traces the roots of Combinatory Categorial Grammar, and uses the theory to promote a Humean question in linguistics and cognitive science: Why do we see limited constituency and dependency in natural languages, despite their diversity and potential infinity? A potential answer is that constituents and dependencies might have arisen from a single resource: adjacency. The combinatory formulation of adjacency constrains possible grammars.

⇒ Ausführliche Angaben: HT020307652

**Brabazon, Tara: Playing on the Periphery**
English. Inhaltliche Zusammenfassung: Part of the Sport in the Global Society series, this innovative and creative text explores collective history, memory, and sport culture, tracking the passage of sports away from England. The author investigates why 'elite' Eng sports - such as rugby and cricket - became national sports in New Zealand and Australia, and asks why 'working class' Eng sports - such as football - have travelled less well to these areas. Focusing on these sports, the author tracks narratives and myths, tracing the passage of colonial truths, behaviours and practices. Clearly defined sections in the book focus on: * sport and tourism * sport and history * sport and memory. Using a refreshingly broad range of sources to analyze
differences between popular culture and sporting memory, this book offers new perspectives on sport and makes an interesting reference for masters and postgraduate readers in sport and cultural studies.

⇒ Ausführliche Angaben: HT020310167

Bracken, Paul: Manifolds II - Theory and Applications

English. Inhaltliche Zusammenfassung: Differential geometry is a very active field of research and has many applications to areas such as physics, in particular gravity. The chapters in this book cover a number of subjects that will be of interest to workers in these areas. It is hoped that these chapters will be able to provide a useful resource for researchers with regard to current fields of research in this important area.

⇒ Ausführliche Angaben: HT020309389

Bracken, Paul: Manifolds - Current Research Areas

English. Inhaltliche Zusammenfassung: Differential geometry is a very active field of research and has many applications to areas such as physics and gravity, for example. The papers in this book cover a number of subjects which will be of interest to workers in these areas. It is hoped that the papers here will be able to provide a useful resource for researchers with regard to current fields of research in this important area.

⇒ Ausführliche Angaben: HT020308129

Bradley, Paul M.: Current Perspectives in Contaminant Hydrology and Water Resources Sustainability

English. Inhaltliche Zusammenfassung: Human society depends on liquid freshwater resources to meet drinking, sanitation and hygiene, agriculture, and industry needs. Improved resource monitoring and better understanding of the anthropogenic threats to freshwater environments are critical to efficient management of freshwater resources and ultimately to the survival and quality of life of the global human population. This book helps address the need for improved freshwater resource monitoring and threat assessment by presenting current reviews and case studies focused on the fate and transport of contaminants in the environment and on the sustainability of groundwater and surface-water resources around the world. It is intended for students and professionals working in hydrology and water resources management.

⇒ Ausführliche Angaben: HT020307948

Brambila, Fernando: Fractal Analysis - Applications in Health Sciences and Social Sciences

English. Inhaltliche Zusammenfassung: Fractal analysis has entered a new era. The applications to different areas of knowledge have been surprising. Benoit Mandelbrot, creator of fractal geometry, would have been surprised by the use of fractal analysis presented in this book. Here we present the use of fractal geometry, in particular, fractal analysis in two sciences: health sciences and social sciences and humanities. Part 1 is Health Science. In it, we present the latest advances in cardiovascular signs, kidney images to determine cancer growth, EEG signals, magnetoencephalography signals, and photosensitive epilepsy. We show how it is possible to produce ultrasonic lenses or even sound focusing. In Part 2, we present the use of fractal analysis in social sciences and humanities. It includes anthropology, hierarchical scaling, human settlements, language, fractal dimension of different cultures, cultural traits, and Mesoamerican complexity. And in Part 3, we present a few useful tools for fractal analysis, such as graphs and correlation, self-affine and self-similar graphs, and correlation function. It is impossible to picture today’s research without fractal geometry.

⇒ Ausführliche Angaben: HT020308364
Brambila, Fernando: Fractal Analysis - Applications in Physics, Engineering and Technology
English. Inhaltliche Zusammenfassung: Fractal analysis has entered a new era. The applications to different areas of knowledge have been surprising. Let us begin with the fractional calculus-fractal geometry relationship, which allows for modeling with extreme precision of phenomena such as diffusion in porous media with fractional partial differential equations in fractal objects. Where the order of the equation is the same as the fractal dimension, this allows us to make calculations with enormous precision in diffusion phenomena-particularly in the oil industry, for new spillage prevention. Main applications to industry, design of fractal antennas to receive all frequencies and that is used in all cell phones, spacecraft, radars, image processing, measure, porosity, turbulence, scattering theory. Benoit Mandelbrot, creator of fractal geometry, would have been surprised by the use of fractal analysis presented in this book: Part I: Petroleum Industry and Numerical Analysis; Part II: Fractal Antennas, Spacecraft, Radars, Image Processing, and Measure; and Part III: Scattering Theory, Porosity, and Turbulence. Its impossible to picture todays research without fractal analysis.
⇒ Ausführliche Angaben: HT020308294

Brandes, H. W.: Vorlesungen über die Naturlehre für Leser, denen es an mathematischen Vorkenntnissen fehlt
German.
⇒ Ausführliche Angaben: HT020309942

Brasch, Ilka: Film Serials and the American Cinema, 1910-1940: Operational Detection
English. Inhaltliche Zusammenfassung: Before the advent of television, cinema offered serialised films as a source of weekly entertainment. This book traces the history from the days of silent screen heroines to the sound eras daring adventure serials, unearthing a thriving film culture beyond the self-contained feature. Through extensive archival research, Ilka Brasch details the aesthetic appeals of film serials within their context of marketing and exhibition and that they adapt the pleasures of a flourishing crime fiction culture to both serialised visual culture and the affordances of the media-modernity of the early 20th century. The study furthermore traces how film serials brought the broadcast model of radio and television to the big screen and thereby introduced models of serial storytelling that informed popular culture even beyond the serials demise.
⇒ Ausführliche Angaben: HT020309806

German.
⇒ Ausführliche Angaben: HT020310042

Brecht, Norma: Stadt als Schule
German. Inhaltliche Zusammenfassung: When a fire department called Ostwache in the eastern part of Leipzig closed down, it left their old building behind vacant. Soon after a neighbourhoud initiative sought to use the space to establish a community center for the surrounding neighbourhood. At the same time, the municipal government was planning a new school on the same lot. This thesis presents a solution for this conflict. By bringing together architectural, urban planning and pedagogical perspectives, while aiming for synergies. Following the model of Freinet pedagogy, a community school was planned with a new building at the site of the old fire station and the community center is to be located in the existing building of the old Ostwache. Through a common courtyard, shared work and sports facilities and a shared lunch, the school opens up to the city and its neighborhood to the school. This is how city works as school and a school works as city.
Brekke, Torkel: Religious Motivation and the Origins of Buddhism
English. Inhaltliche Zusammenfassung: Why did people in North India from the 5th century BC choose to leave the world and join the sect of the Buddha? This is the first book to apply the insights of social psychology in order to understand the religious motivation of the people who constituted the early Buddhist community. It also addresses the more general and theoretically controversial question of how world religions come into being, by focusing on the conversion process of the individual believer.

Brennan, Jane / Maurel, Pierre / Barbe, Éric: Les terres agricoles face à l’urbanisation
French. Inhaltliche Zusammenfassung: This work addresses the key points of the problem of land consumption by focusing on farmland in France and Australia. It suggests exploring territorial engineering toolboxes developed and used to face up to the challenge of losing farmland to urbanisation.

Bretal, Eleonora: Obreros y obreras de Swift: La época de los ingleses, la época de los militares y la época del cierre
Spanish. Inhaltliche Zusammenfassung: Este libro explora el mundo subjetivo de una diversidad de obreros y obreras industriales, desde militantes y activistas de la década de 1970 hasta quienes en esos años eran menos activos en términos políticos y gremiales en comparación con los anteriores. Todos ellos trabajaron en el frigorífico Swift de la ciudad de Berisso. Esta planta cerró hacia 1983 y formó parte de la desindustrialización de la época. Son abordadas las maneras en que los obreros y obreras evocan, narran y periodizan la historia de los trabajadores de Swift. Se analizan algunas valoraciones y categorías de percepción y clasificación social que ellos emplearon para representar esa historia y las cuestiones políticas, sindicales, laborales y económicas ligadas a la fábrica. También son indagados los procesos de identificación que surgieron en estas representaciones. Entre las categorías nativas que utilizaron, están aquellas que refieren a representaciones histórico-temporales: la época de los ingleses, la época de los militares y la época del cierre de Swift. Uno de los temas profundizados es el de las representaciones sobre el disciplinamiento político y laboral durante los años setenta y la última dictadura.

Breuer, Stefan: Georg Jellinek und Max Weber

⇒ Ausführliche Angaben: HT020309800
⇒ Ausführliche Angaben: HT020310157
⇒ Ausführliche Angaben: HT020310378
⇒ Ausführliche Angaben: HT020309668
⇒ Ausführliche Angaben: HT020307474
Breznoscáková, Dagmar: Depression
English. Inhaltsliche Zusammenfassung: Depressive disorders can be seen as a disturbance to the balance of mind and body. Because it is a mental disorder and psychiatry is a branch of medicine, the question how mind and body interact in depression should be treated as a medical rather than metaphysical mind-body problem. The relation between mind and body as it pertains to this illness should be construed in teleological rather than causal terms. Mental states like beliefs and emotions serve an adaptive purpose by constraining the physiologic systems involved in the bodys stress response, thus preserving homeostasis and protecting us from various disorders. Depression results when the mind fails its constraining role.
⇒ Ausführliche Angaben: HT020308207

Briard, Mathieu / Méot, Jean-Michel / Ferré, Thierry: Le séchage des mangues
French. Inhaltsliche Zusammenfassung: This work presents the different stages in mango processing, from fruit delivery to dried mango marketing. It includes a detailed analysis of each operation: theoretical principles, equipment required, good practice in terms of usage and hygiene, quality management, material yields and energy consumption, labour requirements, et cetera In addition to technical advice notes, readers will find a diagram of a mango drying unit, designs for a ventilated dryer, and a production manual for use in preparing for, monitoring and assessing drying campaigns. The guide is intended for managers of small- and medium- scale firms keen to improve operations at their production units, and entrepreneurs and project leaders interested in setting up mango drying units.
⇒ Ausführliche Angaben: HT020307532

Bridges, David / Husbands, Chris: Consorting And Collaborating In The Education Market Place
English. Inhaltsliche Zusammenfassung: This text offers descriptions and analyses of some of the different ways in which schools and other educational institutions have started to establish new collaborative relationships in todays competitive educational marketplace. Using case studies, the book describes examples of such collaborative structures.; Educational consortia have been established as a vehicle for professional and curriculum development, as a source of mutual support and as a condition of mutual survival. As the LEA monopolies have been forced to shed many of their traditional functions or schools have opted out, schools have found it necessary to re-create parts of their collaborative structures out of sheer self- Interest.; For Some Educators Who Continue To Be Attached To Notions Of an educational service and professional collegiality in the provision of such a service, inter-institutional collaboration becomes seen as something to be valued independently of the instrumental benefits which it provides. For this variety of reasons, consortium working and collaborative structures seem set to develop in spite of, or as a necessary antidote to, educational markets. Understanding the role and operation of such structures is a necessity for educational managers in all parts of the educational service.
⇒ Ausführliche Angaben: HT020310283

Bristow, Alan D. / Seehra, Mohindar Singh: Noble and Precious Metals - Properties, Nanoscale Effects and Applications
English. Inhaltsliche Zusammenfassung: The use of copper, silver, gold and platinum in jewelry as a measure of wealth is well known. This book contains 19 chapters written by international authors on other uses and applications of noble and precious metals (copper, silver, gold, platinum, palladium, iridium, osmium, rhodium, ruthenium, and rhenium). The topics covered include surface-enhanced Raman scattering, quantum dots, synthesis and properties of nanostructures, and its applications in the diverse fields such as high-tech engineering, nanotechnology, catalysis, and biomedical applications. The basis for these applications is their
high-free electron concentrations combined with high-temperature stability and corrosion resistance and methods developed for synthesizing nanostructures. Recent developments in all these areas with up-to-date references are emphasized.

⇒ Ausführliche Angaben: HT020308810

**Brito, Sílvio Manuel: Active Learning - Beyond the Future**
English. Inhaltsliche Zusammenfassung: Active learning is now a form of learning that accompanies the knowledge evolution that challenges the learner to promote it, but also encourages him to investigate and become emotionally involved in the task. The great key to obtaining this behavior successfully depends, therefore, on the subjects involvement and ability to undertake, so that active learning becomes emotional entrepreneurial learning that generates new ideas and new forms of knowledge. From memorization, we move on to inquiry, from questioning to constructive participation, from hypostasis to problem-solving, from generalization to critical thinking. When we look at this book, we see real examples, concrete, and senses, from the most important act of human nature: learning!

⇒ Ausführliche Angaben: HT020309519

**Brito, Sílvio Manuel: Entrepreneurship - Trends and Challenges**
English. Inhaltsliche Zusammenfassung: Entrepreneurship is a powerful attitude that, in such a way, in the last few years, has become a discipline increasingly transversal to different areas of knowledge. Many times, we think about the things we want such as a good house, a brand new car, a beautiful relationship, a good friendship, and a good way to be in the world. Is that possible that you convert into an entrepreneur? This book shows some examples of that possibility, from simple people to a big organization. In all cases, if you become an entrepreneur, it will be for your taste and pleasure, a means to survive and enjoy the uncertainty, and rejoice that you have all these in your hands and will. Can you find out the trends and overcome the challenges? We would say yes. It all depends on whether you want to develop and apply this attitude.

⇒ Ausführliche Angaben: HT020308648

English. Inhaltsliche Zusammenfassung: This book is intended for all those professionals with interest in developing a basic background in acoustic emission and its use as a non-destructive testing technique. The monitoring of high-power microwave radar tubes is an example of the use of such techniques. This book will also be of interest to those involved in the design, maintenance and procurement of high-power microwave radar tubes. And finally, it is also intended for those students of physics and engineering interested in specializing in acoustics and acoustic techniques.

⇒ Ausführliche Angaben: HT020309265

**Brock, Kevin: Rhetorical Code Studies: Discovering Arguments in and around Code**
English. Inhaltsliche Zusammenfassung: Winner of the 2017 Sweetland Digital Rhetoric Collaborative Book Prize Software developers work rhetorically to make meaning through the code they write. In some ways, writing code is like any other form of communication; in others, it proves to be new, exciting, and unique. In Rhetorical Code Studies, Kevin Brock explores how software code serves as meaningful communication through which software developers construct arguments that are made up of logical procedures and express both implicit and explicit claims as to how a given program operates. Building on current scholarly work in digital rhetoric, software studies, and technical communication, Brock connects and continues ongoing
conversations among rhetoricians, technical communicators, software studies scholars, and
programming practitioners to demonstrate how software code and its surrounding discourse are highly rhetorical forms of communication. He considers examples ranging from large, well-known projects like Mozilla Firefox to small-scale programs like the "FizzBuzz" test common in many programming job interviews. Undertaking specific examinations of code texts as well as the contexts surrounding their composition, Brock illuminates the variety and depth of rhetorical activity taking place in and around code, from individual differences in style to changes in large-scale organizational and community norms. Rhetorical Code Studies holds significant implications for digital communication, multimodal composition, and the cultural analysis of software and its creation. It will interest academics and students of writing, rhetoric, and software engineering as well as technical communicators and developers of all types of software.

⇒ Ausführliche Angaben: HT020310327

Bröckling, Ulrich / Aurnhammer, Achim: Vom Weihegefäß zur Drohne
de. Inhaltliche Zusammenfassung: Was wäre Herkules ohne Keule, was Napoleon ohne Zwei-
spitz und Old Shatterhand ohne Henrystutzen? Helden sind angewiesen auf Objekte, die sie
als Helden kenntlich machen und ihre Außerordentlichkeit verbürgen. Auch für die Verbrei-
tung ihrer Taten sind Objekte unverzichtbar: Ohne Druckerpresse keine Heldenromane. In
Objekten des Kults und der Erinnerung schließlich finden die Praktiken der Heldenvereh-
rung ihren materiellen Ausdruck: Helden setzt man Denkmäler, ihr Konterfei prägt man auf
Münzen und Briefmarken, man widmet ihnen Epen oder Fernsehdokumentationen und ver-
marktet ihren Ruhm durch den Verkauf von Kaffeebechern, T-Shirts und anderem Nippes.Die
Beiträge des vorliegenden Bandes nehmen solche Objekte zum Ausgangspunkt, um exempla-
risch die Transformationen des Heroischen im Wandel der historischen Zeit nachzuzeichnen.
Die Bandbreite der vorgestellten Gegenstände reicht vom antiken Weihegefäß bis zur bewaff-
neten Drohne im Anti-Terror-Krieg der Gegenwart, von der Gedenkmedaille bis zur Armpro-
these, von Theaterbauten und Sportstadien bis zum Zauberstab Harry Potters.
⇒ Ausführliche Angaben: HT020307614

Brooks, Alison S. / Van Couvering, John / Tattersall, Ian: Encyclopedia
of Human Evolution and Prehistory
English. Inhaltliche Zusammenfassung: Praise for the first edition: The most up-to-date and
wide-ranging encyclopedia work on human evolution available.—American Reference Books
Annual For student, researcher, and teacher...the most complete source of basic informa-
tion on the subject.—Nature A comprehensive and authoritative source, filling a unique ni-
cherche...essential to academic libraries...important for large public libraries. —Booklist/RBB.
⇒ Ausführliche Angaben: HT020310266

Bruce St John, Ronald: Revolution, Reform and Regionalism in Southeast
Asia
9781134003426
English. Inhaltliche Zusammenfassung: Based on research carried out over the three decades,
this book compares the post-war political economies of Cambodia, Laos and Vietnam in the
context of their individual and collective impact on contemporary efforts at regional integrati-
on. The author highlights the different paths to reform taken by the three neighbours and the
effect this has had on regional plans for economic development through the ASEAN and the
Greater Mekong Subregion. Through its comparative analysis of the reforms implemented by
Cambodia, Laos and Vietnam over the last thirty years, the book draws attention to parallel
themes of continuity and change. The author discusses how the three states have demonstra-
ted related characteristics whilst at the same time making different modifications in order to
exploit the unique strengths of their individual cultures. Contributing to the contemporary
debate over the role of democratic reform in promoting economic development, the book provides a detailed account of the political economies of three states at the heart of Southeast Asia.

⇒ Ausführliche Angaben: HT020310148

**Brugaletta, Federico (Ed.) / González Canosa, Mora (Ed.) / Starcenbaum, Marcelo (Ed.): La política científica en disputa: Diagnósticos y propuestas frente a su reorientación regresiva**


Spa. Inhaltliche Zusammenfassung: Esta publicación reúne nueve intervenciones realizadas en el marco de la movilización de las y los científicas/os contra el ajuste y el rediseño de la política científica impulsados por el gobierno nacional argentino bajo el control de la Alianza Cambiemos. La política científica en disputa: diagnósticos y propuestas frente a su reorientación regresiva aborda, desde una perspectiva integral, los desafíos y las diversas aristas de la producción, circulación y apropiación del conocimiento, así como una contextualización de la coyuntura de la lucha de becaries e investigadores en defensa de la ciencia pública. Investigación, docencia y extensión son tratadas por los expositoros como una tríada relacional que exige una mirada integral acerca de los alcances y significados de la misión del sistema científico. La producción de conocimiento se muestra así como un campo en disputa atravesado por lo político y la política que nos interpela acerca de cómo, para qué y con quiénes seguir haciendo ciencia pública en la Argentina.

⇒ Ausführliche Angaben: HT020307346

**Brugger, Winfried: Menschenwürde, Menschenrechte, Grundrechte**


De.

⇒ Ausführliche Angaben: HT020307482

**Brunero, Donna: Britains Imperial Cornerstone in China**


English. Inhaltliche Zusammenfassung: This is an in-depth account of the Chinese Imperial Maritime Customs Service, a uniquely cosmopolitan institution established in the wake of China’s defeat in the Opium Wars (1842 to 43), and a central feature of the Treaty Port system. The British-dominated service was headed by the famous Robert Hart who founded a far-reaching customs administration that also encompassed other responsibilities such as marine and harbour maintenance, quarantine, anti-piracy patrols and postal services. This institution sat at a crucial juncture between Chinese and foreign interests, and was intimately linked to British interests and fortunes in the Far East. Following the establishment of the Republic in 1911 there were grave misgivings as to whether the foreign element of the Service would survive. Yet the Service grew in influence and strength, ensuring the foreign inspectorate a continued role in China’s affairs. Delivering an overview of the Service, its bureaucracy, fiscal responsibilities and life for foreigners in its employ, focusing especially on the later years of the Service, Donna Brunero draws on the experiences of the foreign administration of the Service as it attempted to negotiate between Chinese and foreign expectations and interests.

⇒ Ausführliche Angaben: HT020310299

**Brytan, Zbigniew / Tanski, Tomasz / Borek, Wojciech: Austenitic Stainless Steels - New Aspects**


English. Inhaltliche Zusammenfassung: Stainless steel is still one of the fastest growing materials. Today, the austenitic stainless steel with the classic composition of 18% Cr and 8% Ni (grade 304L) is still the most widely used by far in the world. The unique characteristic of stainless steel arises from three main factors. The versatility results from high corrosion resistance, excellent low- and high-temperature properties, high toughness, formability, and weldability. The long life of stainless steels has been proven in service in a wide range of
environments, together with low maintenance costs compared to other highly alloyed metallic materials. The retained value of stainless steel results from the high intrinsic value and easy recycling. Stainless steel, especially of austenitic microstructure, plays a crucial role in achieving sustainable development nowadays, so it is also important for further generations.

⇒ Ausführliche Angaben: HT020308528

Bucher, Theodor: *Einführung in die angewandte Logik*
German.

⇒ Ausführliche Angaben: HT020309983

Bucur, Daniel: *Advanced Evapotranspiration Methods and Applications*
English. Inhaltsliche Zusammenfassung: Since the beginning of its formation approximately three billion years ago, the hydrosphere - as an envelope of the terrestrial ellipsoid - has remained constant from a quantitative point of view. The hydrosphere modifies only the ratio of the stretches of the planetary ocean and land, including the proportion of the states of water aggregation: gaseous, liquid, and solid. The hydrological cycle transports only a portion of the hydrosphere, repeats itself annually, and presents itself as a huge planetary plant that for billions of years has operated un-interruptedly on the basis of solar energy and gravity, providing freshwater resources for the maintenance and perpetuation of life beyond the planetary ocean. Water resources are highly influenced by the hydrologic cycle and play a role in agricultural economic development. However, as is shown by the Intergovernmental Panel on Climate Change report, the phenomena of changing climate and land use are set to exacerbate an already serious situation of water supply for various users. In this context, scientific investigations into the issue of the sustainable use of water are timely and important. Improvement of water management involves the accurate estimation of consumptive uses. The purpose of this book is to show the achievements of scientists and academicians all over the world in promoting and sharing new issues on various topics related to evapotranspiration.

⇒ Ausführliche Angaben: HT020309321

Bucur, Daniel: *Current Perspective to Predict Actual Evapotranspiration*
English. Inhaltsliche Zusammenfassung: Evapotranspiration is the largest outgoing water flux from the Earth's surface; its accurate quantification is critical for the crop development in conditions of the climate changes from recent decades, and it can contribute to a greater understanding of a range of agricultural ecosystem processes. To evaluate the hydraulic requirements of the crops, it was agreed that they should be reported to a maximum global evapotranspiration called potential evapotranspiration. To estimate this variable, a variety of methods were developed, each with its benefits as well as trade-offs. Their use, however, is laborious due to their complexity and of the large number of parameters required. In this book, specialists concern with developing simple but reliable methodologies - with less data requirement - which will give accurate and appropriate results - are presented. In addition, a study of the physics of the moisture evaporation process from porous media to elucidate what are the mechanisms of moisture migration from granular biocides is presented in the last chapter.

⇒ Ausführliche Angaben: HT020308263

Bühlmann, Vera / Savic, Selena / Doyle, Michael R.: *Ghosts of Transparency. Shadows cast and shadows cast out*
English. Inhaltsliche Zusammenfassung: In this book, the editors focus on architecture and communication from various different perspectives - taking into account that the term "architecture" is used for buildings as well as in the context of computer software. Data and software also impact on our cities; raw data, however, do not convey any information - in order to generate information and communication they have to be organized and must make sense to the reader. The contributions avoid clear separation of the various communication
spheres of their disciplines. Instead, they use the wide range of approaches to explore meanings— an ambitious aim that leaves the destination wide open; the reader is invited to share in this adventure.

⇒ Ausführliche Angaben: HT020309910

**Büngers, Beate / Stief, Silke: Bildkarten für den Sportunterricht - Turnhalle**

⇒ Ein Medium

⇒ DDC (Dewey Decimal Classification):
  - 370DNB 370DNB
⇒ DDC (Dewey Decimal Classification):
  - 37023sdnb 37023sdnb
⇒ Ausführliche Angaben: HT020314665

**Bürgi, Regula: Die OECD und die Bildungsplanung der freien Welt**
German. Inhaltliche Zusammenfassung: Durch Instrumente wie PISA erlangte und erhielt die OECD die Autorität, über Erfolg und Scheitern nationalstaatlicher Bildungspolitiken zu urteilen. Regula Bürgi beleuchtet aus historischer Perspektive die Denkstile und Netzwerke, mittels derer diese internationale - vornehmlich wirtschaftspolitische - Organisation zu einer Bildungsexpertin avancieren konnte. Basierend auf vielfältigem Quellenmaterial dringt die Autorin in das Räderwerk der Organisation vor und identifiziert Schlüsselfigenschaften des OECD-Erfolgs.; Instruments such as PISA have given OECD the authority to judge relative successes and failures of national education policies. Regula Bürgi examines from an historical perspective the thinking styles and networks by means of which this international - primarily economic-political - organization could advance to become an expert in the field of education. Based on diverse source materials, the author penetrates the architecture of the organization and identifies key characteristics of OECFs success.

⇒ Ausführliche Angaben: HT020310479

**Buhari, Tijjani Rufai / Sharif, Umar / Shah, Mohammad Manjur: Trichoderma - The Most Widely Used Fungicide**
English. Inhaltliche Zusammenfassung: Trichoderma is a genus of fungi that are present in all soils, where they are the most prevalent culturable fungi. They are also the most successful biofungicides used in todays agriculture. These green-colored fungi are well known for their antifungal and plant-growth-stimulating effects. This book provides comprehensive information on Trichoderma and its use in medical, agricultural and industrial applications. Section I focuses mainly on identification of Trichoderma species, and Section II is concerned with Trichoderma as a biological control agent. Chapters in these sections cover topics ranging from taxonomic status and biodiversity to biochemical analysis and bio-control application.

⇒ Ausführliche Angaben: HT020309470

**Builders, Philip F.: Herbal Medicine**
English. Inhaltliche Zusammenfassung: Herbal medicine is a multidisciplinary compilation of topics in herbal medicine that are designed to enlighten all who have a stake in healthcare. In light of the current trends and popularity of herbal medicine, cultural/societal differences and perception, and the relationship with modern healthcare this book presents selected topics to ensure that necessary information on herbal medicine in healthcare is provided. Apart from clarifying certain important complexities and misconceptions on herbal medicine, a general
overview of herbal medicine, uses of herbs in the management of diseases, plant secondary metabolites, analytical techniques, applications in stem cell research, use as leads for conventional drug compound development, and research and development of herbal medicines for healthcare are among the major discussions in this book.

⇒ Ausführliche Angaben: HT020309212

Bujard, Martin: Geburtenrückgang und Familienpolitik

⇒ Ausführliche Angaben: HT020307594

Bulleri, Fabio / Thomsen, Mads S. / Bishop, Melanie J.: H3 Facilitation Cascades in Marine Ecosystems
English. Inhaltliche Zusammenfassung: Oceanography and Marine Biology: An Annual Review remains one of the most cited sources in marine science and oceanography. The ever increasing interest in work in oceanography and marine biology and its relevance to global environmental issues, especially global climate change and its impacts, creates a demand for authoritative reviews summarizing the results of recent research. This volume covers topics that include resting cysts from coastal marine plankton, facilitation cascades in marine ecosystems, and the way that human activities are rapidly altering the sensory landscape and behaviour of marine animals. For more than 50 years, OMBAR has been an essential reference for research workers and students in all fields of marine science. From Volume 57 a new international Editorial Board ensures global relevance, with editors from the UK, Ireland, Canada, Australia and Singapore. The series volumes find a place in the libraries of not only marine laboratories and institutes, but also universities.

⇒ Ausführliche Angaben: HT020307548

Bulnes, Francisco: Orbital Integrals on Reductive Lie Groups and Their Algebras
English. Inhaltliche Zusammenfassung: The purpose is to present a complete course on global analysis topics and establish some orbital applications of the integration on topological groups and their algebras to harmonic analysis and induced representations in representation theory.

⇒ Ausführliche Angaben: HT020307949

Bulut, Nilufer: Breast Cancer and Surgery
English. Inhaltliche Zusammenfassung: The book Breast Cancer and Surgery summarizes the treatment options from the onset of breast carcinogenesis to early-local advanced and metastatic breast cancer. Chemotherapy alternatives, drug resistance and local and surgical treatment preferences are extensively discussed and this information is especially directed at clinicians, researchers, and students. This book includes a comparison between different chemotherapy agents and targeted therapies with published phase II-III studies. The importance
of palliative care and dietary supplements administered during the treatment course in reducing the comorbidity of patients is emphasized. Photodynamic treatments have been included in this book. A comprehensive and up-to-date information exchange that can be accessed through a single source is provided to all researchers interested in breast cancer.

⇒ Ausführliche Angaben: HT020309109

**Burger-Helmchen, Thierry: Entrepreneurship - Creativity and Innovative Business Models**


English. Inhaltliche Zusammenfassung: What are the differences between an entrepreneur and a manager? According to Schumpeter, the main difference lies in the entrepreneurs ideas, creativity, and vision of the world. These differences enable him to create new combinations, to change existing business models, and to innovate. Those innovations can take several forms: products, processes, and organizations to name a few. In this book, an array of international researchers take a look at the visions and actions of innovative entrepreneurs to be at the source of new ideas and to foster new relationships between different actors to change the existing business models.

⇒ Ausführliche Angaben: HT020307862

**Buri, Mohammed Moro / Issaka, Roland Nuhu: Soil Productivity Enhancement**


English. Inhaltliche Zusammenfassung: Soil Productivity Enhancement comprises five chapters written by scientists from various parts of the world. The book is divided into three sections. 1: Conversion of Environmentally Polluting Waste into Fertilizer. This section discusses the conversion of waste water and other by-products from factories into organic fertilizers. It further examines how these materials can be used to enhance crop production and improve soil productivity. 2: Practices for Improving Nutrient Availability. Good nutrient management and proper composting of organic materials are options that can be used to enhance the productivity of soil. These and other practices are examined in this section. 3: Policy on Fertilizer Use. The need for effective policies to control and promote the effective and efficient use of fertilizers is discussed in this section.

⇒ Ausführliche Angaben: HT020309135

**Burk, Verena / Fahrner, Marcel: Einführung in die Sportwissenschaft**


⇒ Ein Medium

- Freihand:

⇒ DDC (Dewey Decimal Classification):

- 610DNB 610DNB

⇒ DDC (Dewey Decimal Classification):

- 61023sdnb 61023sdnb

⇒ Ausführliche Angaben: HT020314685

**Burke, Kevin L.: Directory of graduate programs in applied sport psychology**


⇒ Ein Medium

- Freihand:

⇒ Ausführliche Angaben: HT020306144

**Burnell, Peter: Globalising Democracy**

Globalising Democracy clearly shows what globalization means for domestic and international efforts to build effective political parties and competitive party systems in new and emerging democracies. Contrasting perspectives are presented through fresh case studies of European post-communist countries, Africa and Turkey. The reader is clearly shown how international party assistance is a manifestation and vehicle of globalization, and explores how it may be assessed in terms of: global economic integration the growth of global communications the development and implications for party politics of multi-level governance. This is the first book to analyze the impact of globalization on democracy and will be of great interest to all students of international relations, governance and politics.

Burri, Sylvain / Aspe, Chantal / Paradis-Grenouillet, Sandrine: Into the woods
English. Inhaltliche Zusammenfassung: At the centre of concerns related to curbing the decline in forest biodiversity caused by increasing anthropogenic pressure and global change, old-growth forests are mainly characterised by the continuity of their tree cover. This has been defined mainly by their appearance on historical maps and by ecological criteria dating back to certain temporal cut-off points (about two centuries). Inherited over hundreds, even thousands, of years of interaction between Man and Nature, these ancient forests have been managed and shaped by past societies to meet their various needs, both domestic and industrial. Also, studying the historical trajectories of such forests, their responses to environmental and anthropogenic stress, and the long-term consequences of past human activities, is essential in order to better understand their current ecology and rethink their conservation. The development of pluridisciplinary and interdisciplinary research (ecology, paleoecology, history, archaeology, geography, sociology) now makes it possible not only to push back the hitherto accepted thresholds of ancientness, but in particular to understand old forests in their entirety and complexity over the longer term. This book, comprising both theoretical and methodological contributions along with case studies, reflects the diversity of current approaches and thinking and promotes interdisciplinarity as the only route to a comprehensive understanding of ancient forests as natural and cultural assets.

Butowski, Leszek: Mobilities, Tourism and Travel Behavior - Contexts and Boundaries
English. Inhaltliche Zusammenfassung: The notion of mobilities, when looked at from a practical point of view, turns out to cover different kinds of human activity. It is not surprising, then, that when approached from an academic perspective, it reveals enormous potential for interdisciplinary research, which has proven extremely attractive to many scholars from different continents, disciplines, and schools of academic inquiry. The scholars in this volume focus on the specific aspects of mobilities, namely, tourism and travel behavior, but approach them from a plethora of positions. Such a myriad of perspectives is bound to be challenging in methodological terms, but it seems there is a growing agreement as to the worthiness of this interdisciplinary research. By means of combining various approaches, researchers obtain access to a fascinating and increasingly ubiquitous phenomenon of contemporary human mobility.

Butowski, Leszek: Tourism - From Empirical Research Towards Practical Application
English. Inhaltliche Zusammenfassung: This volume brings together expert contributors to explore the intersection of two major contemporary themes: globalization, and the contribution that both domestic party politics and international party support make to democratization. Globalising Democracy clearly shows what globalization means for domestic and international efforts to build effective political parties and competitive party systems in new and emerging democracies. Contrasting perspectives are presented through fresh case studies of European post-communist countries, Africa and Turkey. The reader is clearly shown how international party assistance is a manifestation and vehicle of globalization, and explores how it may be assessed in terms of: global economic integration the growth of global communications the development and implications for party politics of multi-level governance. This is the first book to analyze the impact of globalization on democracy and will be of great interest to all students of international relations, governance and politics.
English. Inhaltliche Zusammenfassung: Tourism is that area of activity of contemporary man that touches on various fields of human interest. Representatives of numerous academic disciplines find it intriguing for its exceptionally interdisciplinary character. Conditions for and consequences of the development of tourism are investigated, among others, by economists, geographers, sociologists, experts in culture, anthropologists, management and social policy specialists and even by representatives of some natural sciences. Researchers dealing with tourism need to meet strict methodological requirements, but they get access to a very interesting subject of scientific inquiry, which combines social, cultural, economic and environmental aspects to create an ontologically new quality offering epistemological challenges.

⇒ Ausführliche Angaben: HT020308017

Butter, Michael / Asch, Ronald G.: Bewunderer, Verehrer, Zuschauer: Die Helden und ihr Publikum

⇒ Ausführliche Angaben: HT020307571

Byrne, Charles L.: Signal Processing
English. Inhaltliche Zusammenfassung: This book explains how mathematical tools can be used to solve problems in signal processing. Assuming an advanced undergraduate- or graduate-level understanding of mathematics, this second edition contains new chapters on convolution and the vector DFT, plane-wave propagation, and the BLUE and Kalman filters. It expands the material on Fourier analysis to three new chapters to provide additional background information, presents real-world examples of applications that demonstrate how mathematics is used in remote sensing, and includes robust appendices and problems for classroom use.

⇒ Ausführliche Angaben: HT020309830

Cabibbo, Marcello: Severe Plastic Deformation Techniques
English. Inhaltliche Zusammenfassung: Grain size is recognized as a key microstructural factor affecting mechanical and, to some extent, physical properties of metals and metallic materials. For this reason, all the means designed to control and modify the grain size are considered a proper way to design and tailor metallic materials with desired properties. In this sense, microstructure refinement through severe plastic deformation (SPD) techniques can be considered a key method for this purpose. A typical SPD process is currently defined as any method of metal forming under extensive hydrostatic pressure intended to impose a very high strain on a bulk solid without involving any significant change in the overall dimensions and having the ability to produce exceptional grain refinement. What makes SPD processing techniques so popular and attractive is the possibility of using them to enhance the strength behavior of conventional metallic materials by a factor of up to eight for pure metals
such as copper and by some 30-50% for alloys. Despite the impressive property improvement achievable with SPD techniques, their uptake by industry has been rather sluggish. This book intends to give a panorama of the typical SPD techniques intended to optimize the mechanical and physical properties of metals through a significant grain size reduction process. Modeling for this purpose is also presented.

⇒ Ausführliche Angaben: HT020308379

Cabrera García, Alejandro / Bobadilla, Luis Francisco / Blay, Vincent: Zeolites and Metal-Organic Frameworks
English. Inhaltliche Zusammenfassung: Zeolites are natural or synthetic materials with porous chemical structures that are valuable due to their absorptive and catalytic qualities. Metal-Organic Frameworks (MOFs) are manmade organometallic polymers with similar porous structures. This introductory book, with contributions from top-class researchers from all around the world, examines these materials and explains the different synthetic routes available to prepare zeolites and MOFs. The book also highlights how the substances are similar yet different and how they are used by science and industry in situations ranging from fueling cars to producing drugs.

⇒ Ausführliche Angaben: HT020309808

Çaglayan, R. Hülya Bingöl / Kocabasoglu, Nese: Anxiety Disorders - From Childhood to Adulthood
English. Inhaltliche Zusammenfassung: In this book, we focus on children with anxiety disorders and the children whose parents were diagnosed with anxiety disorders in their lifetime. The aim is to investigate the different types of anxiety disorders with different underlying mechanisms. The developmental perspective will support a better understanding of the development of anxiety disorders and transition from childhood to adulthood. We believe this book will appeal to a wide audience of practicing psychiatrists, psychologists, psychiatric nurses, social workers and mental health professionals. It is our hope that many will find this book useful for training mental health professionals to give them the newest developmental point of view about prototype anxiety disorders. We dedicate this book to our lovely families, patients, and their families.

⇒ Ausführliche Angaben: HT020309269

Cahn, Claude: Bonobo Cognition and Behaviour
English. Inhaltliche Zusammenfassung: This volume includes twelve novel empirical papers focusing on the behaviour and cognition of both captive and wild bonobos (Pan paniscus). Overall it demonstrates how anyone interested in understanding humans or chimpanzees must also know bonobos.

⇒ Ausführliche Angaben: HT020309714

Cai, Jianchao / Zhang, Zhien / Kang, Qinjun: Flow and Transport Properties of Unconventional Reservoirs 2018
English. Inhaltliche Zusammenfassung: Unconventional reservoirs are usually complex and highly heterogeneous, such as shale, coal, and tight sandstone reservoirs. The strong physical and chemical interactions between fluids and pore surfaces lead to the inapplicability of conventional approaches for characterizing fluid flow in these low-porosity and ultralow-permeability reservoir systems. Therefore, new theories and techniques are urgently needed to characterize petrophysical properties, fluid transport, and their relationships at multiple scales for improving production efficiency from unconventional reservoirs. This book presents fundamental innovations gathered from 21 recent works on novel applications of new techniques and theories in unconventional reservoirs, covering the fields of petrophysical characterization, hydraulic fracturing, fluid transport physics, enhanced oil recovery, and geothermal energy. Clearly, the research covered in this book is helpful to understand and master the latest
techniques and theories for unconventional reservoirs, which have important practical significance for the economic and effective development of unconventional oil and gas resources.

⇒ Ausführliche Angaben: HT020307410

Çakmak, Seray / Göñül, Müzeyyen: Autoimmune Bullous Diseases
English. Inhaltliche Zusammenfassung: Autoimmune bullous diseases are a group of rare skin diseases characterized by intraepidermal and subepidermal bullae formations due to autoantibodies directed against the structural proteins of the epidermis or the dermal-epidermal junction. Early and correct diagnosis and adequate treatment of autoimmune bullous diseases are important as they cause morbidity and mortality in the affected patients. This book, which gives detailed information about autoimmune bullous diseases, has two sections and nine chapters with sixteen contributing authors. The first section describes the structure and tasks of desmosomes and basement membrane zone, which consist of the major antigens of skin integrity targeted by autoantibodies. The second section is about the epidemiology, etiopathogenesis, mucocutaneous, histopathologic and laboratory findings, and therapy of autoimmune bullous diseases.

⇒ Ausführliche Angaben: HT020308693

Çakmur, Hülya: Geriatrics Health
English. Inhaltliche Zusammenfassung: Aging is characterized by functional decline in every organ due to several cellular, biological, and physiological changes over time. Molecular and cellular damages are gradually decreasing in the physical and mental capacities of the human body. Health results have shown that lifespan has dramatically increased during the twenty-first century. Increasing elderly population naturally deals with many health problems leading to a rise in health expenditure and labor loss. The good news is that the clinical trials in gene therapy have almost stopped and/or reversed human aging. Regenerative medicine can repair and reverse aging in all body cells. Thus, the body's own repair mechanisms may struggle with aging and age-related diseases. Research is promising and suggests that human aging will be eradicated on earth.

⇒ Ausführliche Angaben: HT020309059

Cal, Danila Gentil Rodriguez: Comunicação e trabalho infantil doméstico: política, poder, resistências
Portuguese. Inhaltliche Zusammenfassung: O livro analisa a representação do Trabalho Infantil Doméstico (TID) nos media e traz relatos de trabalhadoras e ex-trabalhadoras infantis domésticas a respeito de suas experiências, no contexto do estado do Pará. Para além de uma pesquisa de recepção, a obra investiga como discursos construídos e em circulação nesses dois âmbitos comunicacionais se processam de modo a reverberar na politização do trabalho infantil doméstico.

⇒ Ausführliche Angaben: HT020310343

Cale Johnson, J.: In the Wake of the Compendia. Infrastructural Contexts and the Licensing of Empiricism in Ancient and Medieval Mesopotamia
English. Inhaltliche Zusammenfassung: In the Wake of the Compendia examines the composition of technical literature in the ancient Semitic-speaking world. Compendia on astrology, magic, medicine, lexicography, and alchemy were composed in several languages and relate to earlier Mesopotamian models. This volume offers new perspectives on the early history of these compendia and their subsequent transmission into later post-cuneiform compilations, curricula, and scholarly writings.

⇒ Ausführliche Angaben: HT020307646

Caliskan, Mahmut: Genetic Diversity in Microorganisms
English. Inhaltliche Zusammenfassung: Genetic Diversity in Microorganisms presents chapters revealing the magnitude of genetic diversity of microorganisms living in different environmental conditions. The complexity and diversity of microbial populations is by far the highest among all living organisms. The diversity of microbial communities and their ecologic roles are being explored in soil, water, on plants and in animals, and in extreme environments such as the arctic deep-sea vents or high saline lakes. The increasing availability of PCR-based molecular markers allows the detailed analyses and evaluation of genetic diversity in microorganisms. The purpose of the book is to provide a glimpse into the dynamic process of genetic diversity of microorganisms by presenting the thoughts of scientists who are engaged in the generation of new ideas and techniques employed for the assessment of genetic diversity, often from very different perspectives. The book should prove useful to students, researchers, and experts in the area of microbial phylogeny, genetic diversity, and molecular biology.

⇒ Ausführliche Angaben: HT020307853

Cameira, Maria do Rosario / Pereira, Luis Santos: Innovation Issues in Water, Agriculture and Food
2019. 1 electronic resource (406 pages). ISBN 9783039211654, ISBN 9783039211661 eng. Inhaltliche Zusammenfassung: In a worldwide context of ever-growing competition for water and land, climate change, droughts and man-made water scarcity, and less-participatory water governance, agriculture faces the great challenge of producing enough food for a continually increasing population. In this line, this book provides a broad overview of innovation issues in the complex water-agriculture-food nexus, thus also relative to their interconnections and dependences. Issues refer to different spatial scales, from the field or the farm to the irrigation system or the river basin. Multidisciplinary approaches are used when analyzing the relationships between water, agriculture, and food security. The covered issues are quite diverse and include: innovation in crop evapotranspiration, crop coefficients and modeling; updates in research relative to crop water use and saving; irrigation scheduling and systems design; simulation models to support water and agricultural decisions; issues to cope with water scarcity and climate change; advances in water resource quality and sustainable uses; new tools for mapping and use of remote sensing information; and fostering a participative and inclusive governance of water for food security and population welfare. This book brings together a variety of contributions by leading international experts, professionals, and scholars in those diverse fields. It represents a major synthesis and state-of-the-art on various subjects, thus providing a valuable and updated resource for all researchers, professionals, policymakers, and post-graduate students interested in the complex world of the water-agriculture-food nexus.

⇒ Ausführliche Angaben: HT020307396

Camlibel, Nurhan Onar: Polyester - Production, Characterization and Innovative Applications
2018. 1 electronic resource (98 pages). ISBN 9789535350000, ISBN 9789535350017, ISBN 9789535350024, English. Inhaltliche Zusammenfassung: Polyester is one of the most important polymers for fibers and composites. Significant developments in nanoparticle-doped polyester composites, polyester recycling, flame-retardant unsaturated polyester resins, and application of polyester for construction and automotive industry are currently carried out. Thus, this book provides leading edge research on improvements of functional properties of polyester, modifications of unsaturated polyester resins, and polyester (especially recycled polyester) usage in construction and in automotive application areas in the form of fiber, resin, and composite. The book also covers the characterization of unique features of polyester found by mechanical, chemical, physical, microstructural, and thermal analyses. This book intends to provide an understanding of the developments of functional polyester production, synthesis, and characterization and support to many academic researchers and graduate students in textile, polymer, composite, chemical science, and research and development managers in recycling and composite applications of polyester in the construction and automotive industry.

⇒ Ausführliche Angaben: HT020308610
Campana, Pietro Elia / Prabaharan, Natarajan / Rosen, Marc A.: Recent Developments in Photovoltaic Materials and Devices
English. Inhaltliche Zusammenfassung: This book covers the recent advances in solar photovoltaic materials and their innovative applications. Many problems in material science are explored for enhancing the understanding of solar cells and the development of more efficient, less costly, and more stable cells. This book is crucial and relevant at this juncture and provides a historical overview focusing primarily on the exciting developments in the last decade. This book primarily covers the different Maximum Power Point Tracking control techniques that have led to the improved speed of response of solar photovoltaics, augmented search accuracy, and superior control in the presence of perturbations such as sudden variations in illumination and temperature. Furthermore, the optimal design of a photovoltaic system based on two different approaches such as consumed power and economics is discussed.
⇒ Ausführliche Angaben: HT020309245

Campbell, Harold Moody / Ijangbemi, Christianah Olakitan: Skills Development for Sustainable Manufacturing
English. Inhaltliche Zusammenfassung: Globally, manufacturing facilities have taken a new turn with a mix of advanced robotics to fully unify production systems. Today’s era of manufacturing has embraced smart manufacturing techniques by delving into intelligent manufacturing system of advances in robotics, controllers, sensors, and machine learning giving room for every aspect of the plant to be constantly accessible, monitored, controlled, redesigned, and adapted for required adjustments. Skill development within the manufacturing sector presents the advantage of high-quality products and can as well address long-term employment concerns through job creation. The development of skills for sustainable manufacturing is crucial to ensuring an efficient transition to a competitive economy by matching supply and demand for key skills. A number of factors ranging from green innovation, climate change, advances in technology, and global economic downturn are driving the need for a competitive and sustainable manufacturing value chain. The complexity of today’s factories calls for new and existing workers to up-skill in order to influence design changes and production efficiency toward sustainable manufacturing.
⇒ Ausführliche Angaben: HT020308499

Canbolat, Hüseyin: Lagrangian Mechanics
English. Inhaltliche Zusammenfassung: Lagrangian mechanics is widely used in several areas of research and technology. It is simply a reformulation of the classical mechanics by the mathematician and astronomer Joseph-Louis Lagrange in 1788. Since then, this approach has been applied to various fields. In this book, the section authors provide state-of-the-art research studies on Lagrangian mechanics. Hopefully, the researchers will benefit from the book in conducting their studies.
⇒ Ausführliche Angaben: HT020308244

Canbolat, Hüseyin: Robots Operating in Hazardous Environments
English. Inhaltliche Zusammenfassung: Robots are used in industry, rescue missions, military operations, and subwater missions. Their use in hazardous environments is crucial in terms of occupational safety of workers and the health of rescue and military operations. This book presents several hazardous environment operations and safe operations of robots interacting with people in the context of occupational health and safety.
⇒ Ausführliche Angaben: HT020308519

Cancelier, Janete Weblor / David, Cesar de: Reflexões e práticas na formação de educadores
Portuguese. Inhaltliche Zusammenfassung: Reúne reflexões sobre práticas e experiências de professores do ensino superior e da educação básica relacionadas à formação dos educadores brasileiros. A obra se divide em três partes: formação inicial de professores; formação dos educadores do campo; e formação continuada de professores. Analisa cursos de licenciatura, observando experiências na formação de professores no espaço universitário, e a formação docente no espaço rural, enfatizando as modalidades de educação do campo, educação quilombola e educação escolar indígena. Além disso, os ensaios discutem questões referentes ao livro didático e iniciativas, como o Programa Institucional de Bolsas de Iniciação à Docência ou mestrados profissionais, que demandam alunos com comprovado exercício da docência.

⇒ Ausführliche Angaben: HT020307351

Canda: Bauch Beine Po für Unbewegliche

⇒ Begleitmaterialien: 1 Begl.-Heft.([12] Seiten)
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
- 610DNB 610DNB

⇒ Ausführliche Angaben: HT018606227

Canet-Ferrer, Josep: Metamaterials and Metasurfaces
English. Inhaltliche Zusammenfassung: Metamaterials have provided applications in spectral ranges covering radio frequencies and ultraviolet. However, most applications have been extrapolated to the visible or near-infrared after being developed at the GHz level. This is due to technological reasons since fabrication of microwave antennas is not as demanding as THz resonators or plasmonic nanostructures. Accordingly, this book has been divided into three parts. In the first part, fundamentals of metamaterials and metadevices are discussed, while describing recent advances in the field. In the second part, the discussion is extended to the different spectral ranges focusing on the strategies for enabling the reconfigurability of metadevices. Given the increasing interest in THz applications, these can be found in the third part.

⇒ Ausführliche Angaben: HT020309171

Cankaya, Nevin: Elastomers
English. Inhaltliche Zusammenfassung: Summary-Book Contents: Your purpose of reading this book is to concentrate on recent developments on elastomers. The articles collected in this book are contributions by invited researchers with a long-standing experience in different research areas. I hope that the material presented here is understandable to a broad audience, not only scientists but also people with many different disciplines. The book contains eleven chapters in two sections: (1) Mechanical Properties of Elastomers and (2) Elastomers for Natural and Medical Applications. The book provides detailed and current reviews in these different areas written by experts in their respective fields. This book will be useful for polymer workers and other scientists alike and will contribute to the training of current and future researchers, academics, PhD students, and other scientists.

⇒ Ausführliche Angaben: HT020308407

Cankaya, Nevin: Recent Research in Polymerization
English. Inhaltliche Zusammenfassung: The purpose of this book is to help you concentrate on recent developments in polymerization. The chapters collected in the book are contributions by invited researchers with a long-standing experience in different research areas. I hope that
the material presented here is understandable to a broad audience, not only chemists but also scientists from various disciplines. The book contains nine chapters in three sections: (1) General Information about Polymerization, (2) Biomaterial Content Polymer Composites, and (3) Mechanical Properties of Polymerization. The book provides detailed and current reviews in these different areas written by experts in their respective fields. This book is expected to be useful for polymer workers and other scientists alike and contribute to the training of current and future researchers, academics, PhD degree students, as well as other scientists.

⇒ Ausführliche Angaben: HT020308541

Canosa, Guadalupe / Giudice, Carlos: New Technologies in Protective Coatings
English. Inhaltliche Zusammenfassung: Materials are at the center of all technological advances; it is evident in considering the spectacular progress that has been made in fields as diverse as engineering, medicine, biology, et cetera. Materials science and technology must develop researches allowing the generation of new methods of protection to reduce fundamentally the losses of human life as well as the economic ones. The former are impossible of quantifying, while the latter are highly significant; thus, only those derived from corrosive processes in their different forms reach, in technologically developed countries, about 4% of the Gross National Product (GNP), while those derived from fire action range from 0.5 to 1.0% of the mentioned GNP. The book, in the different chapters, displays original systems of superficial protection and of low environmental impact to minimize the losses by corrosion and the fire action.

⇒ Ausführliche Angaben: HT020308422

Cao, Wenbin: Semiconductor Photocatalysis - Materials, Mechanisms and Applications
English. Inhaltliche Zusammenfassung: Photocatalysis is a hot topic because it is an environmentally friendly approach toward the conversion of light energy into chemical energy at mild reaction environments. Also, it is well applied in several major areas such as water splitting, bacterial inactivation, and pollutants elimination, which is a possible solution to energy shortage and environmental issues. The fundamental knowledge and the frontier research progress in typical photocatalytic materials, such as TiO2-based and non-TiO2-based photocatalysts, are included in this book. Methods to improve the photocatalytic efficiency and to provide a hint for the rational design of the new photocatalysts are covered.

⇒ Ausführliche Angaben: HT020308027

Cao, Wenping / Chen, Xiangping: Advancements in Energy Storage Technologies
English. Inhaltliche Zusammenfassung: Energy storage technologies play an important role in terms of high-efficient energy utilisation and stable energy flow in the system. This book provides a glimpse of some latest advancements in energy storage technologies, management and control, innovative energy conversion, energy efficiency and system integration. It is aimed at providing a guideline for developing similar storage systems and for the readers who are interested in energy storage-related technologies, wind energy, solar energy, smart grid and smart buildings.

⇒ Ausführliche Angaben: HT020308668

Carabineiro, Sonia A.C. / Silva, Adrian M.T.: Advances in Carbon Nanostructures
English. Inhaltliche Zusammenfassung: Carbon atoms have the amazing ability to bond in remarkable different manners that can assume distinct astonishing dimensional arrangements from which absolutely diverse and interesting nanostructured carbon materials are obtained.
This book aims to cover the most recent advances in (i) Graphene and derivatives, including graphene-based magnetic composites, membranes, wafer devices, and nanofibers for several applications, as well as some particular properties, such as light emission from graphene; (ii) Carbon nanotubes heaters and fibers for reinforcement of cement and diamond-based thin films; and (iii) Nanofluids consisting of both graphene and carbon nanotubes, apart from reporting some important case studies dealing with carbon nanostructures and their use in sensors, coatings, or electromagnetic wave absorbers.

⇒ Ausführliche Angaben: HT020308041

Cardona, Pere-Joan: Understanding Tuberculosis - Analyzing the Origin of Mycobacterium Tuberculosis Pathogenicity
English. Inhaltliche Zusammenfassung: Mycobacterium tuberculosis in an attempt to understand the extent to which the bacilli has adapted itself to the host and to its final target. On the other hand, there is a section in which other specialists discuss how to manipulate this immune response to obtain innovative prophylactic and therapeutic approaches to truncate the intimal co-evolution between Mycobacterium tuberculosis and the Homo sapiens.

⇒ Ausführliche Angaben: HT020307857

Cardona, Pere-Joan: Understanding Tuberculosis - Deciphering the Secret Life of the Bacilli
English. Inhaltliche Zusammenfassung: Mycobacterium tuberculosis, as recent investigations demonstrate, has a complex signaling expression, which allows its close interaction with the environment and one of its most renowned properties: the ability to persist for long periods of time under a non-replicative status. Although this skill is well characterized in other bacteria, the intrinsically very slow growth rate of Mycobium tuberculosis, together with a very thick and complex cell wall, makes this pathogen specially adapted to the stress that could be generated by the host against them. In this book, different aspects of these properties are displayed by specialists in the field.

⇒ Ausführliche Angaben: HT020307846

Cardona, Pere-Joan: Understanding Tuberculosis - Global Experiences and Innovative Approaches to the Diagnosis
English. Inhaltliche Zusammenfassung: Mycobacterium tuberculosis is a disease that is transmitted through aerosol. This is the reason why it is estimated that a third of humankind is already infected by Mycobacterium tuberculosis. The vast majority of the infected do not know about their status. Mycobacterium tuberculosis is a silent pathogen, causing no symptomatology at all during the infection. In addition, infected people cannot cause further infections. Unfortunately, an estimated 10 per cent of the infected population has the probability to develop the disease, making it very difficult to eradicate. Once in this stage, the bacilli can be transmitted to other persons and the development of clinical symptoms is very progressive. Therefore the diagnosis, especially the discrimination between infection and disease, is a real challenge. In this book, we present the experience of worldwide specialists on the diagnosis, along with its lights and shadows.

⇒ Ausführliche Angaben: HT020307844

Cardona, Pere-Joan: Understanding Tuberculosis - New Approaches to Fighting Against Drug Resistance
English. Inhaltliche Zusammenfassung: In 1957, a Streptomyces strain, the ME/83 (S.mediterranei), was isolated in the Lepeit Research Laboratories from a soil sample collected at a pine arboretum near Saint Raphael, France. This drug was the base for the chemotherapy with Streptomycine. The euphoria generated by the success of this regimen lead to the idea that TB eradication would be possible by the year 2000. Thus, any further drug development against TB was stopped. Unfortunately, the lack of an accurate administration
of these drugs originated the irruption of the drug resistance in Mycobacterium tuberculosis. Once the global emergency was declared in 1993, seeking out new drugs became urgent. In this book, diverse authors focus on the development and the activity of the new drug families.
⇒ Ausführliche Angaben: HT020307845

Carisse, Odile: Fungicides
English. Inhaltliche Zusammenfassung: Plant and plant products are affected by a large number of plant pathogens among which fungal pathogens. These diseases play a major role in the current deficit of food supply worldwide. Various control strategies were developed to reduce the negative effects of diseases on food, fiber, and forest crops products. For the past fifty years fungicides have played a major role in the increased productivity of several crops in most parts of the world. Although fungicide treatments are a key component of disease management, the emergence of resistance, their introduction into the environment and their toxic effect on human, animal, non-target microorganisms and beneficial organisms has become an important factor in limiting the durability of fungicide effectiveness and usefulness. This book contains 25 chapters on various aspects of fungicide science from efficacy to resistance, toxicology and development of new fungicides that provides a comprehensive and authoritative account for the role of fungicides in modern agriculture.
⇒ Ausführliche Angaben: HT020307684

Carlescu, Irina: Liquid Crystals - Self-Organized Soft Functional Materials for Advanced Applications
English. Inhaltliche Zusammenfassung: Liquid Crystals - Self-Organized Soft Functional Materials for Advanced Applications is focused on both theoretical models and experimental results, pointing out the chemical and physical properties (thermodynamics, electro-optic switching behavior, and non-linear optic phenomena) of liquid crystals used in a wide range of devices. In this respect, the chapters cover the following topics: chemical structure and phase transitions in bent-core liquid crystals, phase and structural behavior of liquid crystals used to align carbon nanotubes, molecular alignment, and photorefractive effect in the ferroelectric phase, which has the potential to be used as transistors, for image storage, and in optical signal processing. It is expected that the book will be of interest to researchers in academia and industries, as well as advanced students.
⇒ Ausführliche Angaben: HT020309179

Carlson, Ross / Sauro, Herbert: Methods in Computational Biology
eng. Inhaltliche Zusammenfassung: Modern biology is rapidly becoming a study of large sets of data. Understanding these data sets is a major challenge for most life sciences, including the medical, environmental, and bioprocess fields. Computational biology approaches are essential for leveraging this ongoing revolution in omics data. A primary goal of this Special Issue, entitled ”Methods in Computational Biology”, is the communication of computational biology methods, which can extract biological design principles from complex data sets, described in enough detail to permit the reproduction of the results. This issue integrates interdisciplinary researchers such as biologists, computer scientists, engineers, and mathematicians to advance biological systems analysis. The Special Issue contains the following sections: Reviews of Computational Methods, Computational Analysis of Biological Dynamics: From Molecular to Cellular to Tissue/Consortia Levels, The Interface of Biotic and Abiotic Processes, Processing of Large Data Sets for Enhanced Analysis, Parameter Optimization and Measurement.
⇒ Ausführliche Angaben: HT020307380

Carman-Brown, Kylie: Following the Water
English. Inhaltliche Zusammenfassung: Water reflects culture. This book is a detailed analysis of hydrological change in Australia’s largest inland waterway in Australia, the Gippsland Lakes in Victoria, in the first 70 years of white settlement. Following air, water is our primal
need. Unlike many histories, this book looks at the entire hydrological cycle in one place, rather than focusing on one bit. Deftly weaving threads from history, hydrology and psychology into one, Following the Water explores not just what settlers did to the waterscape, but probes their motivation for doing so. By combining unlikely elements together such as swamp drainage, water proofing techniques and temperance lobbying, the book reveals a web of perceptions about how water 'should be'. With this laid clear, we can ask how different we are from our colonial forebears.

⇒ Ausführliche Angaben: HT020309853

Carmo, José Simão Antunes do: Natural Hazards - Risk Assessment and Vulnerability Reduction
English. Inhaltliche Zusammenfassung: This book addresses different aspects of natural hazards and vulnerabilities, with a focus on prevention and protection. It consists of nine chapters, five on flood events addressing vulnerabilities, risk assessments, impacts, sensitivity analyses, and mitigation measures, two on climate change and reconstruction of natural hazard events such as avalanches and rockslides, and two on tsunamis and volcanoes. All chapters provide relevant information and useful elements for readers interested and concerned about the lack of action or its ineffectiveness in containing the vulnerabilities and risks of possible natural hazards worldwide.

⇒ Ausführliche Angaben: HT020309156

Carpentieri, Bruno: Applied Mathematics
English. Inhaltliche Zusammenfassung: This book contains well-written monographs within the broad spectrum of applied mathematics, offering an interesting reading of some of the current trends and problems in this fascinating and critically important field of science to a broad category of researchers and practitioners. Recent developments in high-performance computing are radically changing the way we do numerics. As the size of problems is expected to grow very large in the future, the gap between fast and slow algorithms is growing rapidly. Novel classes of numerical methods with reduced computational complexity are therefore needed to make the rigorous numerical solution of difficult problems arising in an industrial setting more affordable. The book is structured in four distinct parts, according to the purpose and approaches used in the development of the contributions, ranging from optimization techniques to graph-oriented approaches and approximation theory, providing a good mix of both theory and practice.

⇒ Ausführliche Angaben: HT020309506

Carpi, Angelo: Progress in Molecular and Environmental Bioengineering - From Analysis and Modeling to Technology Applications
English. Inhaltliche Zusammenfassung: This book provides an example of the successful and rapid expansion of bioengineering within the world of the science. It includes a core of studies on bioengineering technology applications so important that their progress is expected to improve both human health and ecosystem. These studies provide an important update on technology and achievements in molecular and cellular engineering as well as in the relatively new field of environmental bioengineering. The book will hopefully attract the interest of not only the bioengineers, researchers or professionals, but also of everyone who appreciates life and environmental sciences.

⇒ Ausführliche Angaben: HT020307743

Carrasco, Michael D / Englehardt, Joshua D.: Interregional Interaction in Ancient Mesoamerica
English. Inhaltliche Zusammenfassung: Archaeologists have long recognized the crucial role of interregional interaction in the development and cultural dynamics of ancient societies,
particularly in terms of the evolution of sociocultural complexity and economic systems. New Perspectives on Interregional Interaction in Ancient Mesoamerica builds on and amplifies this earlier research to examine such sociocultural phenomena as movement, migration, symbolic exchange, and material interaction in their role as catalysts for variability in cultural systems. The contributors contend that interregional cultural exchange in Pre-Columbian Mesoamerica played a key role in the creation of systems of shared ideologies, the production of regional or “international” artistic and architectural styles, shifting sociopolitical patterns, and changes in cultural practices and meanings.

⇒ Ausführliche Angaben: HT020309837

Carreira, Rita Payan: Theriogenology
English. Inhaltliche Zusammenfassung: Theriogenology, the field that studies animal reproductive health and disease, is a challenging field that shows a steady growth. It covers diverse aspects of reproduction in domestic and wild animals, including the assisted reproductive techniques, which have enormously enhanced the ability to rescue endangered species and provide a strong support to the high reproductive efficiency requested by livestock production. Reproductive success, as well as infertility, is the culmination of complex physiological and adaptive processes that guarantee, at the end, a species ability to reproduce and its survival in a challenging and ever-changing environment. In this book, we present to you a collection of manuscripts exploring various aspects of the reproductive function of mammal and marine species. I hope you find this a useful book in your collection.

⇒ Ausführliche Angaben: HT020308419

Carrino, Agostino: Das Recht zwischen Reinheit und Realität

⇒ Ausführliche Angaben: HT020307575

Carriveau, Rupp: Fundamental and Advanced Topics in Wind Power
English. Inhaltliche Zusammenfassung: As the fastest growing source of energy in the world, wind has a very important role to play in the global energy mix. This text covers a spectrum of leading edge topics critical to the rapidly evolving wind power industry. The reader is introduced to the fundamentals of wind energy aerodynamics; then essential structural, mechanical, and electrical subjects are discussed. The book is composed of three sections that include the Aerodynamics and Environmental Loading of Wind Turbines, Structural and Electromechanical Elements of Wind Power Conversion, and Wind Turbine Control and System Integration. In addition to the fundamental rudiments illustrated, the reader will be exposed to specialized applied and advanced topics including magnetic suspension bearing systems, structural health monitoring, and the optimized integration of wind power into micro and smart grids.

⇒ Ausführliche Angaben: HT020307728

Carvalho, Edmir Daniel / David, Gianmarco Silva / Silva, Reinaldo J.: Health and Environment in Aquaculture
Aquaculture has been expanding in a fast rate, and further development should rely on the assimilation of scientific knowledge of diverse areas such as molecular and cellular biology, and ecology. Understanding the relation between farmed species and their pathogens and parasites, and this relation to environment is a great challenge. Scientific community is involved in building a model for aquaculture that does not harm ecosystems and provides a reliable source of healthy seafood. This book features contributions from renowned international authors, presenting high quality scientific chapters addressing key issues for effective health management of cultured aquatic animals. Available for open internet access, this book is an effort to reach the broadest diffusion of knowledge useful for both academic and productive sector.

⇒ Ausführliche Angaben: HT020307901

Casalegno, Stefano: Global Warming Impacts - Case Studies on the Economy, Human Health, and on Urban and Natural Environments
English. Inhaltliche Zusammenfassung: This book addresses the theme of the impacts of global warming on different specific fields, ranging from the regional and global economy, to agriculture, human health, urban areas, land vegetation, marine areas and mangroves. Despite the volume of scientific work that has been undertaken in relation to each of these issues, the study of the impacts of global warming upon them is a relatively recent and unexplored topic. The chapters of this book offer a broad overview of potential applications of global warming science. As this science continues to evolve, confirm and reject study hypotheses, it is hoped that this book will stimulate further developments in relation to the impacts of changes in the global climate.

⇒ Ausführliche Angaben: HT020307783

Casamassimi, Amelia / Ciccodicola, Alfredo: Transcriptional Regulation: Molecules, Involved Mechanisms and Misregulation
2019. 1 electronic resource (356 pages). ISBN 9783039212651, ISBN 9783039212668 eng. Inhaltliche Zusammenfassung: Transcriptional regulation is a critical biological process involved in the response of a cell, a tissue or an organism to a variety of intra- and extracellular signals. Besides, it controls the establishment and maintenance of cell identity throughout developmental and differentiation programs. This highly complex and dynamic process is orchestrated by a huge number of molecules and protein networks and occurs through multiple temporal and functional steps. Of note, many human disorders are characterized by misregulation of global transcription since most of the signaling pathways ultimately target components of transcription machinery. This book includes a selection of papers that illustrate recent advances in our understanding of transcriptional regulation and focuses on many important topics, from cis-regulatory elements to transcription factors, chromatin regulators and non-coding RNAs, other than several transcriptome studies and computational analyses.

⇒ Ausführliche Angaben: HT020307426

Cascella, Marco: From Conventional to Innovative Approaches for Pain Treatment
English. Inhaltliche Zusammenfassung: Although there have been notable advances in pain medicine in recent decades, pain relief often remains an unmet need in both acute and primary or secondary chronic painful conditions. This poses a great challenge because pain as a symptom and pain as a disease are leading causes of suffering and disability. This book analyzes several important aspects of pain treatment, from acute pain in surgical settings to chronic pain in cancer and other diseases, from opioids research to interventional procedures, and from optimization of conventional strategies to innovative therapeutic approaches. Coverage of these topics is augmented with attractive iconography and up-to-date references. This volume is an important source for specialized pain therapists, owing to the comprehensive coverage of the topics and the scientific value of each chapter. Furthermore, for nonspecialized physicians, it is a very useful guide for managing different types of pain.
Cascella, Marco: Highlights on Several Underestimated Topics in Palliative Care
English. Inhaltliche Zusammenfassung: This book focuses on several underestimated topics in palliative care. Seven chapters have been divided into four sections: Ethical Issues, Volunteers in Palliative Care, Special Circumstances, and Prognostic Models in Palliative Care. The underestimated topics concern several ethical themes such as the Balance sheets of suffering, Good Death, Euthanasia, Assisted suicide, and the question of the Do not attempt resuscitation. In addition, the role of volunteers, the approach to non-malignant diseases such as diabetes and Amyotrophic Lateral Sclerosis are also addressed. Finally, the features and utility of different tools in order to facilitate optimal decision making for both physicians and patients, are given in details. This book will aid several figures facing the daily challenges of palliative care. Clinicians, nurses, volunteers, students and resident trainees, and other professionals can find this volume useful in their very difficult but extraordinarily fascinating mission.

Casetti, Francesco / Campe, Rüdiger / Buckley, Craig: Screen Genealogies
English. Inhaltliche Zusammenfassung: Against the grain of the growing literature on screens, *Screen Genealogies* argues that the present excess of screens cannot be understood as an expansion and multiplication of the movie screen nor of the video display. Rather, screens continually exceed the optical histories in which they are most commonly inscribed. As contemporary screens become increasingly decomposed into a distributed field of technologically interconnected surfaces and interfaces, we more readily recognize the deeper spatial and environmental interventions that have long been a property of screens. For most of its history, a screen was a filter, a divide, a shelter, or a camouflage. A genealogy stressing transformation and descent rather than origins and roots emphasizes a deeper set of intersecting and competing definitions of the screen, enabling new thinking about what the screen might yet become.

Castelli, Carla / Conca, Fabrizio: Bisanzio fra tradizione e modernità
Italian. Inhaltliche Zusammenfassung: Il volume raccoglie gli studi presentati in occasione della XII Giornata di studi bizantini dedicata al Fortleben di Bisanzio nell’arte, nella letteratura e nelle istituzioni, in un intreccio di prospettive interdisciplinari che, attraverso la mise au point di problemi specifici, testimonia la documentata vitalità della tradizione bizantina nella cultura moderna, valorizzando anche il ruolo che l’Università degli studi di Milano ha avuto nella bizantinistica in tale ambito di ricerche. A questo hanno contribuito pure i molteplici interessi di Gianfranco Fiaccadori, al quale il volume è dedicato: per oltre un decennio ha profuso nell’Ateneo milanese entusiasmo e competenze, stimolando gli studi dei giovani e avviando ricerche tuttora in atto. Il ricordo vuole essere il segno di gratitudine per un evento voluto e organizzato con il consueto rigore, del quale purtroppo Gianfranco non ha potuto vedere concretamente i frutti.

Catal, Angel: Endoplasmic Reticulum
English. Inhaltliche Zusammenfassung: The purpose of this book is to concentrate on recent developments on endoplasmic reticulum. The articles collected in this book are contributions by invited researchers with a long-standing experience in different research areas. We hope that the material presented here is understandable to a broad audience, not only scientists but also people with general background in many different biological sciences. This volume
offers you up-to-date, expert reviews of the fast-moving field of endoplasmic reticulum. The book is divided in two sections: 1. Introduction and 2. Endoplasmic Reticulum Properties and Functions.

⇒ Ausführliche Angaben: HT020309346

**Catala, Angel: Fatty Acids**
English. Inhaltliche Zusammenfassung: The purpose of this book is to concentrate on recent developments on fatty acids. The articles collected in this book are contributions by invited researchers with a long-standing experience in different research areas. We hope that the material presented here is understandable to a broad audience, not only scientists but also people with general background in many different biological sciences. This volume offers you up-to-date, expert reviews of the fast-moving field of fatty acids. The book is divided into four major sections: (1) Fatty Acids in Physiopathology, (2) Fatty Acids and Cancer, (3) Fatty Acids in Aquatic Organisms, and (4) Fatty Acids in Veterinary and Dairy Products.

⇒ Ausführliche Angaben: HT020308315

**Catala, Angel: Lipid Peroxidation**
English. Inhaltliche Zusammenfassung: The purpose of this book is to concentrate on recent developments on lipid peroxidation. The articles collected in this book are contributions by invited researchers with a long-standing experience in different research areas. We hope that the material presented here is understandable to a broad audience, not only scientists but also people with general background in many different biological sciences. This volume offers you up-to-date, expert reviews of the fast-moving field of Lipid Peroxidation. The book is divided in four mayor sections: 1-Lipid peroxidation: chemical mechanisms, antioxidants, biological implications; 2-Evaluation of lipid peroxidation processes; 3-Lipid peroxidation in vegetables, oils, plants and meats and 4-Lipid peroxidation in health and disease.

⇒ Ausführliche Angaben: HT020307914

**Catala, Angel: Liposomes**
English. Inhaltliche Zusammenfassung: Liposomes have received increased attention in recent years. Nevertheless, liposomes, due to their various forms and applications, require further investigation. These structures can deliver both hydrophilic and hydrophobic drugs. Preparation of liposomes results in different properties for these systems. In addition, there are many factors and difficulties that affect the development of liposome drug delivery structure. The purpose of this book is to concentrate on recent developments on liposomes. The articles collected in this book are contributions by invited researchers with a long-standing experience in different research areas. We hope that the material presented here is understandable to a broad audience, not only scientists but also people with general background in many different biological sciences. This volume offers you up-to-date, expert reviews of the fast-moving field of liposomes.

⇒ Ausführliche Angaben: HT020308469

**Cavalheiro, Alberto Adriano: Powder Technology**
English. Inhaltliche Zusammenfassung: Powder Technology comprehends several particulate solid systems, which must be controlled, from the nucleation stages to the final application of derivative materials. Powder characteristics depend on the synthesis method, which can be a simple solid-state reaction followed by attrition milling, mechanosynthesis, or chemical methods, such as the sol-gel method. Powder technology is an important interdisciplinary area, which can provide solutions to several application fields. The book Powder Technology contains several peer-reviewed chapters organized in two sections. Section 1 is focused on metal and composites powders and Section 2 contains chapters on non-metallic powders. I sincerely hope that the contents of this book will help in the dissemination of knowledge to researchers and students working with powder technology.
Cavero, Olga Bernad / Llevot-Calvet, Núria: Advanced Learning and Teaching Environments - Innovation, Contents and Methods
English. Inhaltliche Zusammenfassung: In a plural, complex, and diverse society, the school faces many challenges. Teachers must prepare their students for future professions, unthinkable nowadays, and the digital competences of teachers and students are one of the axes of an advanced school. This book presents a set of works rigorously elaborated by authors of different disciplines, on the role of information and communication technologies (ICT) in educational centers and on the use of digital resources in the initial and continuing teacher training to improve them, as well as in the teaching of different subjects to achieve a better academic and social performance of students. Besides, the reader will find some innovative experiences in physical education to achieve a better physical, emotional, and social performance of students.

Caygill, Howard / Leeker, Martina / Schulze, Tobais: Interventions in Digital Cultures: Technology, the Political, Methods
English. Inhaltliche Zusammenfassung: How to intervene? Interventions are in vogue in digital cultures as forms of critique or political actions into public spheres. By engaging in social, political, and economic contexts, interventions attempt to interrupt and change situations—often with artistic means. This volume maps methods of interventions under the specific conditions of the digital. How are interventions shaped by these conditions? And how can they contribute to altering them? In essays and interviews, this book interrogates modes of intervening in and through art, infrastructures, techno-ecological environments, bio-technology, and political protests to highlight their potentials as well as their ambivalences.

Cayumil, Romina / Khanna, Rita: Recent Developments in the Field of Carbon Fibers
English. Inhaltliche Zusammenfassung: Carbon fibres are lightweight, chemically stable materials with high mechanical strength, and have state-of-the-art applications in aerospace, marine, construction and automotive sectors. The demand for carbon fibre-based components is expected to grow dramatically with expanding opportunities for lightweight metals and composites. Although this field has achieved a high level of maturity, nanoscale developments in carbon fibres have seen dramatic improvements in the functions of conventional biomaterials and composites. This book reveals several new developments in the field to enhance characteristics of carbon fibres and their composites, novel applications for tissue engineering, biological scaffoldings and implants, recycling and reuse of end-of-life CFRP and manufacturing waste and other issues of concern in the field of carbon fibres.

Çelebi, M. Serdar: Recent Trends in Computational Science and Engineering
English. Inhaltliche Zusammenfassung: Computational science and engineering (CSE) is a broad multidisciplinary and integrative area including a variety of applications in science, engineering, numerical methods, applied mathematics, and computer science disciplines. The book covers a collection of different types of applications and visions to various disciplinary key aspects, which comprises both problem-driven and methodology-driven approaches at the same time. These selected applications are: Computational and information technologies for numerical models and large unstructured data processing Evolution of matrix computations and new concepts in computing Inverse problems covering both classical and newer approaches Integro-differential scheme (IDS) that combines finite volume and finite difference methods Smart city wireless networks Signal processing methods.
Çelik, Tülay Askin: Cytotoxicity
English. Inhaltliche Zusammenfassung: The book Cytotoxicity is aimed to be an essential reading to all medical students, biologists, biochemists and professionals involved in the field of toxicology. This book is a useful and ideal guide for novice researchers interested in learning research methods to study cytotoxic bioactive compounds. The parts of this book describe the replacement and different applications of the cytotoxic agents. All chapters are written by paramount experts in cytotoxicity research. This will hopefully stimulate more research initiatives, funding, and critical insight into the already increasing demand for cytotoxicity researches that have been evidenced worldwide.

Ceresa, Brian: Molecular Regulation of Endocytosis
English. Inhaltliche Zusammenfassung: Molecular Regulation of Endocytosis is a compilation of scientific short stories about the entry of external substances into cells. As one can see from the chapters, endocytosis regulates diverse processes such as homeostasis of the cell, signal transduction, entry of pathogens and viruses. In addition to the experimental techniques embedded in each chapter, entire chapters are dedicated to experimental approaches that will be useful to all scientists and their model systems. For those more clinically oriented, the final chapters look to the future and ways of utilizing endocytic pathways for therapeutic purposes.

Cernison, Matteo: Social Media Activism: Water as a Common Good
English. Inhaltliche Zusammenfassung: This book focuses on the referendums against water privatisation in Italy and explores how activists took to social media, ultimately convincing twenty-seven million citizens to vote. Investigating the relationship between social movements and internet-related activism during complex campaigns, this book examines how a technological evolution—the increased relevance of social media platforms—affected in very different ways organisations with divergent characteristics, promoting at the same time decentralised communication practices, and new ways of coordinating dispersed communities of people. Matteo Cernison combines and adapts a wide set of methods, from social network analysis to digital ethnography, in order to explore in detail how digital activism and face-to-face initiatives interact and overlap. He argues that the geographical scale of actions, the role played by external media professionals, and the activists perceptions of digital technologies are key elements that contribute in a significant way to shape the very different communication practices often described as online activism.

Cerri, Luis Fernando: Os jovens e a História: Brasil e América do Sul
Portuguese. Inhaltliche Zusammenfassung: Trata-se de um livro destinado a professores de História e gestores da Educação, diante da necessidade cada vez mais premente de conhecer, com mais e mais profundidade, nosso interlocutor, o estudante. Considerando a necessidade de problematizar o ensino de História em particular e as humanidades no caso geral, a pesquisa buscou identificar e analisar, comparativamente, elementos de cultura histórica, cultura política e consciência histórica de jovens estudantes entre 15 e 16 anos no Brasil e em outros quatro países da América do Sul (Argentinia, Uruguai, Paraguai e Chile).

Çetinkaya, Senay: Contemporary Perspective on Child Psychology and Education
English. Inhaltliche Zusammenfassung: In contemporary understanding, the working areas of childrens psychology are expanding considerably. The mental health of the children ensures that they are able to use their developmental abilities, cope with difficulties in life, be productive and be creative, and demonstrate cognitive, emotional, and behavioral characteristics appropriate to their developmental turn. This research was conducted to be able to identify behavioral disorders that may be a sign of childrens mental problems and to shed light on the resolution of possible problems by facilitating the follow-up of psychosocial developments during the period of growth. This book presents an overview of the contemporary approaches in the departments of child education and psychology, with the hope of them growing up as happy, peaceful, balanced, thoughtful confident and successful individuals.

⇒ Ausführliche Angaben: HT020308550

Çetinsaya, Gökhan: The Ottoman Administration of Iraq, 1890-1908
English. Inhaltliche Zusammenfassung: This is a study of the nature of Ottoman administration under Sultan Abdulhamid and the effects of this on the three provinces that were to form the modern state of Iraq. The author provides a general commentary on the late Ottoman provincial administration and a comprehensive picture of the nature of its interaction with provincial society. In drawing on sources of the Ottoman archives, bringing together and analyzing an abundance of complex documents, this book is a fascinating contribution to the field of Middle Eastern studies.

⇒ Ausführliche Angaben: HT020310094

Cevik, Sinem: Superalloys for Industry Applications
English. Inhaltliche Zusammenfassung: In recent years, superalloys have been widespread usage in aerospace gas turbine engine parts. The main reason of it is that these materials have high yield, ultimate tensile strength, and very good corrosion/oxidation resistance, and they combine these good properties with an excellent creep resistance at elevated temperatures. In spite of their outstanding properties, superalloys can lose their mechanical strength because of wear, tear, and crack formation when they are exposed to high-service temperatures and heavy working conditions. Moreover, corrosion is another important issue for superalloys because the materials of gas turbine engine parts are exposed to harsh engine environments, which consist of many pollutants and hot gases. Therefore, special attention must be given to the corrosion behavior of superalloys. This book provides information on the interaction between the microstructure of alloys and their mechanical properties and also the position of superalloys in the manufacturing industry. Topics cover the minimization of the formation of microsegregation and detrimental phases in the GTA welding of superalloys, oxidation kinetics of nickel-based superalloys used in the manufacture of rings for aircraft engines, a review of the work done over the last two decades to understand the hot corrosion behavior of superalloys used in advanced coal-based power plants, ultrasonic-assisted machining of Inconel 718, dry high-speed turning of Ti-6Al-4V titanium alloy, and laser welding in dentistry. The book Superalloys for Industry Applications consists of contributions by scientists and engineers who are experienced in the production, design, and analysis of materials from all around the world. We hope that this book will be an irreplaceable source of study for manufacturing, degradation mechanisms, and reliability of superalloys.

⇒ Ausführliche Angaben: HT020308896

Chaban, Victor: Irritable Bowel Syndrome - Novel Concepts for Research and Treatment
English. Inhaltliche Zusammenfassung: This book provides comprehensive and up-to-date insights into emerging trends in research and treatment of irritable bowel syndrome (IBS). Key features include pathogenesis, existing and new therapies, as well as nonpharmacological approach in management of IBS. The authors are known experts who contributed significantly
for a better understanding of the etiology of IBS as one of the most commonly diagnosed functional disorders. This book provides a state-of-the-art review of different aspects of IBS and is recommended to healthcare providers, clinical scientists, general practitioners, students, and patients.

⇒ Ausführliche Angaben: HT020308110

Chaban, Victor V.: Neuroplasticity - Insights of Neural Reorganization
English. Inhaltliche Zusammenfassung: This book provides comprehensive and up-to-date insights into emerging research trends on neuroplasticity with current or future treatments for neurodevelopment and neurodegenerative diseases. The authors discuss structural and functional changes associated with cortical remapping, sensory substitution, synaptic and non-synaptic compensatory plasticity due to brain damage, brain training, chronic pain, meditation, music, exercise and related states. Key features include pathogenesis, and existing and new therapies together with a pharmacological and non-pharmacological approach in clinical treatment and management. The authors are established experts that contributed significantly to a better understanding of the etiology of neuroplasticity. This book is recommended to healthcare providers, clinical scientists, students and patients.

⇒ Ausführliche Angaben: HT020308757

Chai, Jianyuan: Esophageal Abnormalities
English. Inhaltliche Zusammenfassung: Human life relies on two basic supplies, oxygen and food. Oxygen can be utilized directly, but food has to go through a long process of digestion to become usable nutrients. The esophagus is the beginning part of this long journey. Because of its critical location, any abnormalities in this part of the body can be devastating and life-threatening and difficult to treat. This book covers many aspects of esophageal disorders, from congenital diseases to cancer. It includes 11 chapters written by highly experienced scholars from all over the world. It is our intention to provide readers an update in esophageal study and to raise the awareness how important this organ to our entire body system.

⇒ Ausführliche Angaben: HT020308501

Chai, Jianyuan: Esophageal Cancer and Beyond
English. Inhaltliche Zusammenfassung: Human life relies on two basic supplies from nature: oxygen and food. Oxygen can be utilized directly, but food has to go through a process of digestion to become usable nutrients. The esophagus represents the beginning of this long journey. Because of its critical location, esophageal cancer is one of the deadliest malignancies in the world, and furthermore its incidence has been rising steadily year after year while other cancers are declining. It is predicted that by the year 2035 the esophageal cancer population will increase by 77.4% and become one of top global concerns. This book covers many aspects of esophageal cancer, through which we hope to raise the awareness of professionals as well as non-professionals about this disease.

⇒ Ausführliche Angaben: HT020309103

Chai, Jianyuan: Stomach Disorders
English. Inhaltliche Zusammenfassung: We have realized that this is a rather light book by weight, but the subject is quite heavy. The stomach is not just a digestive organ. In fact, it carries many important duties far beyond digestion. No matter whether you are an educator, or a medical practitioner, or just a regular reader with a lot of curiosities, we hope after reading you will learn to appreciate this precious organ and take good care of it. Next time when you are eating, please think about what you are doing to your stomach.

⇒ Ausführliche Angaben: HT020308538

Chai, Sergio C. / Chen, Taosheng: Special Topics in Drug Discovery
English. Inhaltliche Zusammenfassung: Drug discovery involves multiple disciplines, technologies, and approaches. This book selects important topics related to drug discovery, including emerging tool (Chapter 1), cutting-edge approaches (Chapters 2, 3, and 4), examples of specific therapeutic area (Chapter 5), quality control in drug development (Chapter 6), and job and career opportunities in the pharmaceutical sector, a topic rarely covered by other books (Chapter 7). This book draws knowledge from experts actively involved in different areas of drug discovery from both industrial and academic settings. We hope that this book will facilitate your efforts in drug discovery.

⇒ Ausführliche Angaben: HT020309626

Chakravarty, Sumit / Shukla, Gopal: Forest Biomass and Carbon
English. Inhaltliche Zusammenfassung: Forests grow and their biomass increases; they absorb carbon from the atmosphere and store it in plant tissue. Understanding the biomass of forest vegetation is essential for determining the storage of carbon in the dominant tree component and computing carbon cycling at a regional as well as global level. This book consisting of five chapters will give a comprehensive understanding of biomass production vis-.

⇒ Ausführliche Angaben: HT020309110

Chambo, Emerson Dechechi: Beekeeping and Bee Conservation - Advances in Research
English. Inhaltliche Zusammenfassung: Beekeeping and Bee Conservation - Advances in Research presents current issues in the field of bees in multiple contexts and ties together experiments conducted by some of the world's most renowned researchers. The authors point-of-view and own research results are described in a clear and objective way, which is very useful for beginners in the study of the subject and is likewise valuable for the more experienced on the subject, who may find new hypotheses to be tested and broaden their future prospects in the field. The book is wide in scope, focusing largely on Apis mellifera. Topics range from genetics, to pollination studies, to the conservation of bees. It includes a chapter dedicated to stingless bees and another for bumble bees.

⇒ Ausführliche Angaben: HT020309609

Chan, Felix T.S. / Tiwari, Manoj Kumar: Swarm Intelligence, Focus on Ant and Particle Swarm Optimization
English. Inhaltliche Zusammenfassung: In the era globalisation the emerging technologies are governing engineering industries to a multifaceted state. The escalating complexity has demanded researchers to find the possible ways of easing the solution of the problems. This has motivated the researchers to grasp ideas from the nature and implant it in the engineering sciences. This way of thinking led to emergence of many biologically inspired algorithms that have proven to be efficient in handling the computationally complex problems with competence such as Genetic Algorithm (GA), Ant Colony Optimization (ACO), Particle Swarm Optimization (PSO), et cetera Motivated by the capability of the biologically inspired algorithms the present book on Swarm Intelligence: Focus on Ant and Particle Swarm Optimization aims to present recent developments and applications concerning optimization with swarm intelligence techniques. The papers selected for this book comprise a cross-section of topics that reflect a variety of perspectives and disciplinary backgrounds. In addition to the introduction of new concepts of swarm intelligence, this book also presented some selected representative case studies covering power plant maintenance scheduling; geotechnical engineering; design and machining tolerances; layout problems; manufacturing process plan; job-shop scheduling; structural design; environmental dispatching problems; wireless communication; water distribution systems; multi-plant supply chain; fault diagnosis of airplane engines; and process scheduling. I believe these 27 chapters presented in this book adequately reflect these topics.

⇒ Ausführliche Angaben: HT020307664
Chandra, Usha: Microwave Heating
English. Inhaltliche Zusammenfassung: The Microwave heating has not only revolutionized the food industry but also has extended its wings widely towards its multidimensional applications. Thus it has opened new vistas of potential research in science and technology. The book is compiled into Seventeen Chapters highlighting different aspects varying from epistemological discussion to applicability of conceptual constructs. The inclusion of discussion on the avenues in the field of Chemistry, Health and Environment, Medical Sciences and Technology makes it an exquisite work for the aspirant Researchers. As the text book for the beginners, it is designed fundamentally to be a reference monograph to the experts providing a passage for future research. The plethora of literatures are available on Microwave Applications but they seldom direct their readers to concentrate on the key aspects behind the success in microwave applications in different fields. Here is the attempt to fill up the gap with this book.
⇒ Ausführliche Angaben: HT020307738

Chandra, Usha: Recent Applications in Sol-Gel Synthesis
English. Inhaltliche Zusammenfassung: Versatility, extended compositional ranges, better homogeneity, lesser energy consumption, and requirement of nonexpensive equipments have boosted the use of sol-gel process on top of the popularity in the synthesis of nanosystems. The sol-gel technique has not only revolutionized oxide ceramics industry and/or material science but has also extended widely into multidimensional applications. The book Recent Applications in Sol-Gel Synthesis comprises 14 chapters that deal mainly with the application-oriented aspects of the technique. Sol-gel prepared metal oxide (MO) nanostructures like nanospheres, nanorods, nanoflakes, nanotubes, and nanoribbons have been employed in biomedical applications involving drug deliveries, mimicking of natural bone, and antimicrobial activities. The possibility of controlling grain size in aerogel and preparation of ultrahigh-temperature ceramic (UHTC)-based materials, fluorescent glasses, ultraviolet photosensors, and photocatalysts have been discussed in detail by the experts in the field. The usefulness of sol-gel materials as active GRIN, as textile finisher, and as leather modifier with water-repellent and oil-resistive properties would be an incentive for researchers keen to pursue the field.
⇒ Ausführliche Angaben: HT020308328

Chandraleka, Saravanan: Chemical Reactions in Inorganic Chemistry
English. Inhaltliche Zusammenfassung: The book Chemical Reactions in Inorganic Chemistry describes an overview of chemical reagents used in inorganic chemical reactions for the synthesis of different compounds including coordination, transition metal, organometallic, cluster, bioinorganic, and solid-state compounds. This book will be helpful for the graduate students, teachers, and researchers, and chemistry professionals who are interested to fortify and expand their knowledge about sol-gel preparation and application, porphyrin and phthalocyanine, carbon nanotube nanohybrids, triple bond between arsenic and group 13 elements, and N-heterocyclic carbene and its heavier analogues. It comprises a total of five chapters from multiple contributors around the world including China, India, and Taiwan.
⇒ Ausführliche Angaben: HT020308723

Chandrasekaran, Annamalai: Current Trends in X-Ray Crystallography
English. Inhaltliche Zusammenfassung: This book on X-ray Crystallography is a compilation of current trends in the use of X-ray crystallography and related structural determination methods in various fields. The methods covered here include single crystal small-molecule X-ray crystallography, macromolecular (protein) single crystal X-ray crystallography, and scattering and spectroscopic complimentary methods. The fields range from simple organic compounds, metal complexes to proteins, and also cover the meta-analyses of the database for weak interactions.
⇒ Ausführliche Angaben: HT020307817
Chandrasekaran, Prathna Thanjavur: Water and Sustainability

English. Inhaltsliche Zusammenfassung: Floods and droughts brought about by the vagaries of nature cause extensive damage to the livelihoods of people as well as the environment. Knowledge of the need to adopt sustainable practices toward water use, reuse, and management is critical and the scope of this book deals precisely with sustainable practices in water management. The purpose of this book is to provide the reader with abundant and relevant information on all aspects related to water sustainability: water reuse, dynamics of transboundary waterways, economic tools to analyze sustainability, water-energy-food nexus, computer simulation models to study watershed models, and so forth. Although this book may not provide readers with comprehensive information on all aspects related to water sustainability, it will provide constructive data and content on the current trends and advancements in sustainable practices related to water. The book is intended to further motivate readers and scientists alike to look further and make concerted efforts toward promoting better and effective water management.

⇒ Ausführliche Angaben: HT020309364

Chang, Chuan-Fa: Carbohydrates - Comprehensive Studies on Glycobio-
logy and Glycotechnology

English. Inhaltsliche Zusammenfassung: It is my great honor and pleasure to introduce this comprehensive book to readers who are interested in carbohydrates. This book contains 23 excellent chapters written by experts from the fields of chemistry, glycobiology, microbiology, immunology, botany, zoology, as well as biotechnology. According to the topics, methods and targets, the 23 chapters are further divided into five independent sections. In addition to the basic research, this book also offers much in the way of experiences, tools, and technologies for readers who are interested in different fields of Glycobiology. I believe that readers can obtain more than anticipated from this meaningful and useful book.

⇒ Ausführliche Angaben: HT020307935

Chang, Esther / Johnson, Amanda: Contemporary and Innovative Practi-
ce in Palliative Care

English. Inhaltsliche Zusammenfassung: This book is designed to provide a comprehensive insight unto the key and most prevalent contemporary issues associated with palliation. The reader will find viewpoints that are challenging and sometimes discerning, but at the same time motivating and thought-provoking in the care of persons requiring palliation. This book is divided into three sections. Section 1 examines contemporary practice; Section 2 looks at the challenges in practice; Section 3 discusses models of care. This book is an excellent resource for students, practising clinicians and academics. By reading the book, reflecting on the issues, challenges and opportunities ahead, we hope it will create within the reader a passion to take on, explore and further develop their palliative care practice.

⇒ Ausführliche Angaben: HT020307838

Chang, Raymond Chuen-Chung: Neurodegenerative Diseases - Processes, Prevention, Protection and Monitoring

English. Inhaltsliche Zusammenfassung: Neurodegenerative Diseases - Processes, Prevention, Protection and Monitoring focuses on biological mechanisms, prevention, neuroprotection and even monitoring of disease progression. This book emphasizes the general biological processes of neurodegeneration in different neurodegenerative diseases. Although the primary etiology for different neurodegenerative diseases is different, there is a high level of similarity in the disease processes. The first three sections introduce how toxic proteins, intracellular calcium and oxidative stress affect different biological signaling pathways or molecular machineries to inform neurons to undergo degeneration. A section discusses how neighboring glial cells modulate or promote neurodegeneration. In the next section an evaluation is given of how
hormonal and metabolic control modulate disease progression, which is followed by a section exploring some preventive methods using natural products and new pharmacological targets. We also explore how medical devices facilitate patient monitoring. This book is suitable for different readers: college students can use it as a textbook; researchers in academic institutions and pharmaceutical companies can take it as updated research information; health care professionals can take it as a reference book, even patients, families, relatives, and friends can take it as a good basis to understand neurodegenerative diseases.

⇒ Ausführliche Angaben: HT020307815

Chapoval, Svetlana P.: Dendritic Cells
English. Inhaltsliche Zusammenfassung: Since their discovery in 1973 by Zanvil Cohn and Ralph Steinman (Nobel Prize in Physiology and Medicine, 2011), dendritic cells (DCs) continue to intrigue research scientists as their new markers, subpopulations, and properties are being detected and the relevant literature is being doubled each year. This book combines the most comprehensive reviews of several critical aspects of DC biology and function written by a group of international experts in the field. The first section briefly discusses recent advances in DC subtypes, phenotypes, and functions in different diseases. The following sections look closely at DC phenotyping, DC-NK cell interplay, and roles of DC in bone loss and repair and parasitic infections. The final section on DC and cancer includes perspectives on DC vaccination based on modifications and therapeutic applications.

⇒ Ausführliche Angaben: HT020309102

Chattopadhyay, Sudipta: Trends in Research on Microstrip Antennas
English. Inhaltsliche Zusammenfassung: The progress in modern tiny multifunctional wireless devices has dramatically increased the demand for microstrip antennas in recent years. Furthermore, in the last few years, such microstrip antennas found numerous applications in both the military and the commercial sectors. Therefore, microstrip patch antenna has become a major focus to the researchers in the field of antenna engineering. In this book, some recent advances in microstrip antennas are presented. This book contains mainly three sections. In the first section, some new approaches to modern analytical techniques rather than the conventional cavity model, transmission line model, or spectral domain analysis have been discussed. In the second section of the book, a light has been showered on some new techniques for bandwidth enhancement of microstrip radiators. In the last section of the book, the recent trends in microstrip antenna research have been showcased. Some newfangled application-oriented approach to this field is vividly discussed. The book’s main objective is to facilitate the microstrip antenna researchers for exploring the subject in a more vibrant manner and also to revolutionize wireless communications. A sufficient number of topics have been covered, some for the first time in a research handbook. I hope that the book will surely be beneficial for scientists, practicing engineers, and researchers working in the field of microstrip antennas.

⇒ Ausführliche Angaben: HT020308478

Chaugule, Sonal S. / Honavar, Santosh G. / Finger, Paul T.: Surgical Ophthalmic Oncology
English. Inhaltsliche Zusammenfassung: Designed as an easy-to-use, practical guide to tumors of the eye, lids, and orbit, this open access book comprehensively addresses surgical treatment and management of diseases related to ophthalmic oncology. Surgical Ophthalmic Oncology: A Collaborative Open Access Reference is an ideal reference for general ophthalmologists, surgeons, fellows and trainees around the world who encounter these diseases in the care of their patients. Notably, this book includes considerations for those ophthalmologists offering subspecialty care in environments with limited access to advanced technology and instrumentation. Individual chapters address diagnostic indications, pre-operative and post-operative concerns, and provide detailed explanations of surgical techniques required to manage various eye cancer ailments with help of ample illustrations. High-quality videos
included throughout the book provide readers with the opportunity to review surgical steps in real-time as a learning tool. Chapters thoroughly cover tumors of eyelid, cornea and conjunctiva, orbit as well as intraocular tumors, while later chapters discuss ophthalmic radiation therapy. The book concludes with a section on ophthalmic pathology which details essential guidelines on relevant aspects from specimen collection and transport, to interpretation of the pathology report. Surgical Ophthalmic Oncology: A Collaborative Open Access Reference is a unique and necessary valuable resource for ophthalmologists, trainees, and related medical professionals working in underserved areas in providing quality care for patients suffering from ocular cancers.

⇒ Ausführliche Angaben: HT020309696

Chee, Kuan: Advances in Photodetectors - Research and Applications
English. Inhaltliche Zusammenfassung: This book provides a wide-ranging overview of the current state-of-the-art and new trends in photodetector design and research. Written by a team of internationally renowned experts, with contributions from universities, research institutes and industries, this work is suitable for students and professionals interested in studying and dealing with photodetector design and technology, as well as the wide gamut of related applications. Its coverage includes: physics and fundamentals of photodetectors; physical models of photodetector operation; new materials, design, processing and function of photodetectors in related applications; testing, monitoring and calibration; and research progress in photodetector-related areas. Theoretical aspects, design and simulation principles, and important experimental results are thoroughly addressed, embodying a comprehensive account of current activity in this important field of research and industry.

⇒ Ausführliche Angaben: HT020309491

Chemin, Yann H.: Lunar Science
English. Inhaltliche Zusammenfassung: Lunar science is in the middle of a small revolution, with now many new countries sending orbiters, landers, and even sample return missions to the moon. Additionally, both governments and private companies are now more and more considering the moon as a base for solar system exploration. With such an increase in attention, lunar science is now encompassing several unified dimensions. The first is the science of the moon itself, its origin, evolution, and inner composition. The second is how humans can live on the moon, covering biology and in general the logistics of surviving there, including surface mapping and in-situ resource utilization.

⇒ Ausführliche Angaben: HT020309473

Chen, Clark C.: Advances in DNA Repair
English. Inhaltliche Zusammenfassung: This book edition is intended to provide a concise summary for select topics in DNA repair, a field that is ever-expanding in complexity and biologic significance. The topics reviewed range from fundamental mechanisms of DNA repair to the interface between DNA repair and a spectrum on cellular process to the clinical relevance of DNA repair in oncologic paradigms. The information in this text should provide a foundation from which one can explore the various topics in depth. The book serve as a supplementary text in seminar courses with focus on DNA repair as well as a general reference for scholars with an interest in DNA repair.

⇒ Ausführliche Angaben: HT020307998

Chen, Dongmei: Advances in Data, Methods, Models and Their Applications in Geoscience
English. Inhaltliche Zusammenfassung: With growing attention on global environmental and climate change, geoscience has experienced rapid change and development in the last three
decades. Many new data, methods and modeling techniques have been developed and applied in various aspects of geoscience. The chapters collected in this book present an excellent profile of the current state of various data, analysis methods and modeling techniques, and demonstrate their applications from hydrology, geology and paleogeomorphology, to geophysics, environmental and climate change. The wide range methods and techniques covered in the book include information systems and technology, global position system (GPS), digital sediment core image analysis, fuzzy set theory for hydrology, spatial interpolation, spectral analysis of geophysical data, GIS-based hydrological models, high resolution geological models, 3D sedimentology, change detection from remote sensing, et cetera. Besides two comprehensive review articles, most chapters focus on in-depth studies of a particular method or technique.

⇒ Ausführliche Angaben: HT020307821

Chen, Jindong: Colorectal Cancer - Diagnosis, Screening and Management
English. Inhaltliche Zusammenfassung: With international experts sharing their experience and knowledge on these different aspects in the management of colorectal cancer, this book has this opportunity to offer all physicians treating colorectal cancer, as well as researchers, updated information concerning the biology, diagnosis, screening, and treatment of colorectal carcinoma. This book provides a detailed evaluation of diagnostic modalities, in-depth analysis of screening for colorectal cancer, recent advances in treatment, and principles and trends in the management of colorectal cancer. This updated knowledge will be an interesting and informative read for any clinician involved in the management of patients with colorectal cancer. In addition, readers such as related physicians, researchers, and colorectal cancer patients are potential beneficiaries of this book.

⇒ Ausführliche Angaben: HT020308703

Chen, Yuan-Chuan / Yeh, Ming-Kung: Biopharmaceuticals
English. Inhaltliche Zusammenfassung: Biopharmaceuticals are derived from biological sources, either live organisms or their active components; nowadays, they are mainly produced by biotechnologies. Biopharmaceuticals are extensively used in the treatment of various diseases such as cardiovascular, metabolic, neurological diseases, cancer, and others for which there are no available therapeutic methods. With the advance of science, biopharmaceuticals have revolutionized the treatment, prevention, and diagnosis of many patients with disabling and life-threatening diseases. Innovative biopharmaceuticals definitely improve the life quality of patients and enhance the effectiveness of the healthcare system. This book encompasses the discovery, production, application, and regulation of biopharmaceuticals to demonstrate their research achievement, prospects, and challenges. We expect the significance of biopharmaceuticals to be revealed and emphasized by this book.

⇒ Ausführliche Angaben: HT020308977

Chen, Zhiqiang / Nikiforov, Anton: Atmospheric Pressure Plasma - from Diagnostics to Applications
English. Inhaltliche Zusammenfassung: Plasma as the fourth state of matter is an ionized gas consisting of both negative and positive ions, electrons, neutral atoms, radicals, and photons. In the last few decades, atmospheric-pressure plasmas have started to attract increasing attention from both scientists and industry due to a variety of potential applications. Because of increasing interest in the topic, the focus of this book is on providing engineers and scientists with a fundamental understanding of the physical and chemical properties of different atmospheric-pressure plasmas via plasma diagnostic techniques and their applications. The book has been organized into two parts. Part I focuses on the latest achievements in advanced diagnostics of different atmospheric-pressure plasmas. Part II deals with applications of different atmospheric-pressure plasmas.

⇒ Ausführliche Angaben: HT020309362
Cheng, William: Just Vibrations: The Purpose of Sounding Good

English. Inhaltsliche Zusammenfassung: Modern academic criticism bursts with what Eve Kosofsky Sedgwick once termed paranoid readings-interpretative feats that aim to prove a point, persuade an audience, and subtly denigrate anyone who disagrees. Driven by strategies of negation and suspicion, such rhetoric tends to drown out softer-spoken reparative efforts, which forego forceful argument in favor of ruminations on pleasure, love, sentiment, reform, care, and accessibility. Just Vibrations: The Purpose of Sounding Good calls for a time-out in our serious games of critical exchange. Charting the divergent paths of paranoid and reparative affects through illness narratives, academic work, queer life, noise pollution, sonic torture, and other touchy subjects, William Cheng exposes a host of stubborn norms in our daily orientations toward scholarship, self, and sound. How we choose to think about the perpetration and tolerance of critical and acoustic offenses may ultimately lead us down avenues of ethical ruin-or, if we choose, repair. With recourse to experimental rhetoric, interdisciplinary discretion, and the playful wisdoms of childhood, Cheng contends that reparative attitudes toward music and musicology can serve as barometers of better worlds.
⇒ Ausführliche Angaben: HT020310334

Chiaberge, Marcello: New Trends and Developments in Automotive System Engineering

English. Inhaltsliche Zusammenfassung: In the last few years the automobile design process is required to become more responsible and responsibly related to environmental needs. Basing the automotive design not only on the appearance, the visual appearance of the vehicle needs to be thought together and deeply integrated with the “power” developed by the engine. The purpose of this book is to try to present the new technologies development scenario, and not to give any indication about the direction that should be given to the research in this complex and multi-disciplinary challenging field.
⇒ Ausführliche Angaben: HT020307697

Chianese, Rosanna / Meccariello, Rosaria: Cannabinoids in Health and Disease

English. Inhaltsliche Zusammenfassung: This book provides a comprehensive overview of current knowledge of cannabinoid activity in human physiology and points out the importance of endocannabinoid system for the maintenance of human health and treatment of diseases. Each chapter has been organized with the aim to cover basic concepts in the modulation of endocannabinoid system in both physiological and pathological conditions, thanks to the integration of data from experimental animal models and clinical observations. A special focus has been put on the medical use of cannabinoids and on the targeting of endocannabinoid system as new therapeutic strategy for the prevention and treatment of human diseases. Taken together, this book targets a wide audience of basic and clinical scientists, teachers and students interested in gaining a better understanding in the field of cannabinoids.
⇒ Ausführliche Angaben: HT020309610

Chianese, Rosanna / Meccariello, Rosaria: Spermatozoa - Facts and Perspectives

English. Inhaltsliche Zusammenfassung: Spermatozoa, the haploid male gametes, are highly specialized cells capable to fertilize eggs in order to produce diploid zygote. The biogenesis of spermatozoa requires finely modulated occurrence of mitotic, meiotic, and differentiation events. Hence, the production of high-quality spermatozoa impacts fertilization with outcomes on the health of the offspring. This book provides a comprehensive overview on the biogenesis, maturation, functions and activities of spermatozoa in both physiological conditions and infertility. Particular attention has been addressed to the impact of environment on sperm
quality and to the appropriate selection of high-quality spermatozoa for in vitro fertilization. Taken together, this book targets a wide audience of basic and clinical scientists, teachers and students, and offers a better understanding of spermatozoa health and disease.

⇒ Ausführliche Angaben: HT020308762

**Chickerur, Satyadhyan: High Performance Parallel Computing**
English. Inhaltsübersicht: This edited book aims to present the state of the art in research and development of the convergence of high-performance computing and parallel programming for various engineering and scientific applications. The book has consolidated algorithms, techniques, and methodologies to bridge the gap between the theoretical foundations of academia and implementation for research, which might be used in business and other real-time applications in the future. The book outlines techniques and tools used for emergent areas and domains, which include acceleration of large-scale electronic structure simulations with heterogeneous parallel computing, characterizing power and energy efficiency of a data-centric high-performance computing runtime and applications, security applications of GPUs, parallel implementation of multiprocessors on MPI using FDTD, particle-based fused rendering, design and implementation of particle systems for mesh-free methods with high performance, and evolving topics on heterogeneous computing. In the coming days the need to converge HPC, IoT, cloud-based applications will be felt and this volume tries to bridge that gap.

⇒ Ausführliche Angaben: HT020309281

**Chiriac, Anca: An Interdisciplinary Approach to Psoriasis**
English. Inhaltsübersicht: In 2014, psoriasis was recognized as a serious non-communicable disease in the World Health Assembly Resolution WHA67.9, with a great negative impact on patients’ quality of life. Psoriasis is a worldwide chronic disease, affecting all ages and all races, and a serious global health problem. Psoriasis is a complex disease with still unknown etiology and no specific curative treatment. The chapters provide comprehensive and new description of some issues related to psoriasis research and for understanding of clinical correlations, genetic aspects, experimental research, and potential therapeutic interventions. The book could be a source of information for clinicians and researchers from different fields in raising awareness of the disease.

⇒ Ausführliche Angaben: HT020308333

**Chiriac, Anca: Scars**
English. Inhaltsübersicht: SCARS is an updated and comprehensive overview focused on the pathological scarring process. The chapters are written by international authors, researchers, and clinical practitioners with an interest in scars and united in a valuable study. The book aims at providing a guideline for the diagnosis and treatment of scars, as well as opening research paths for future developments.

⇒ Ausführliche Angaben: HT020309477

**Chomsky, Noam / Smith, Neil / Knight, Chris: The Responsibility of Intellectuals**
English. Inhaltsübersicht: With the publication of 'The Responsibility of Intellectuals’ half a century ago, Noam Chomsky burst onto the US political scene as a leading critic of the war in Vietnam. Privilege, he argues, brings with it the responsibility to tell the truth and expose lies, but our intellectual culture only pays lip-service to this ideal. The essay has been described as ‘the single most influential piece of anti-war literature’ of the Vietnam War period. Since then, Chomsky has continued to equip a growing international audience with the facts and arguments needed to understand - and change - our world. According to The New York Times, Chomsky ‘may be the most widely read American voice on foreign policy
This book revisits 'The Responsibility of Intellectuals' half a century on. It includes six new essays written to celebrate Chomsky's famous intervention and explore its relevance in today's world. Nicholas Allott, Chris Knight, Milan Rai and Neil Smith have studied and written about Chomsky's thought for many years, while Craig Murray and Jackie Walker describe the personal price they have paid for speaking out. The book finishes with Chomsky's recollections of the background to the original publication of his essay, followed by extensive commentary from him on its 50th anniversary.

Chong, Charing: Endoscopic Ultrasound - From Usual to Special
English. Inhaltsübersicht: This book is oriented toward clinical studies in the field of endoscopic ultrasound. Due to the advancement in technology, resolution and development of accessory tools, the applications of endoscopic ultrasound have been widely extended. This book covers from usual to special applications of endoscopic ultrasound in various specialties. I hope this book can serve as a tiny telescope that shows how the techniques of endoscopic ultrasound can be used in various parts of the body.

Chou, Li-Fang / Lin, Liang-Feng: Low Carbon Policy and Development in Taiwan
English. Inhaltsübersicht: Taiwan a typical small Asian country with few energy resources is well known for its high-tech industry in the last 20 years. However as a member of the global village Taiwan feels the responsibility to reduce carbon emissions. The book tells you how Taiwan transforms itself from a high-tech island to become a low carbon island. The book address Taiwans low-carbon developmental policies of the past 10 years, applies an econometric approach to estimate Taiwans sector department CO2 emissions, shows how environmental change affects the economic growth of Taiwan, and provides two successful examples of low-carbon pilot regions in Taiwan. Stephen Shen, the Minister of the Environment Protection Agency of Taiwan, believes that the book arrives at the right time, because this is the time to educate the people of Taiwan, about the necessary action for achieving a low carbon society.

Choudhury, Pankaj Kumar: Liquid Crystals - Recent Advancements in Fundamental and Device Technologies
English. Inhaltsübersicht: Liquid crystals exhibit amazingly interesting properties that make them indispensible for several technological applications. The book Liquid Crystals - Recent Advancements in Fundamental and Device Technologies is aimed to focus on various aspects of research and development that liquid crystal mediums have come across in recent years. This would be ranging from the physical and chemical properties to the important applications that the liquid crystals have in our everyday life. It is expected that the book will make the expert researchers to be abreast of recent research advancements, whereas the novice researchers will benefit from both the conceptual understanding and the recent developments in the area. Multitudes of research themes and directions pivoted to liquid crystals remain the essence, which the readers would get the glimpse of and move ahead for further investigations.

Choudhury, Pankaj Kumar: Optical Amplifiers - A Few Different Dimensions
English. Inhaltsübersicht: Optical amplifiers are indispensible in long-haul
communication systems operating in a relatively broad range of electromagnetic spectra. Various forms of optical amplifiers and their advancements have been extensively discussed in the literature emphasizing the relative merits and demerits of different types of configurations and/or designs and also usefulness in specific applications. The book - Optical Amplifiers: A Few Different Dimensions - aims at reporting developments in these devices in the recent years. The contributed chapters in this book encompass both theoretical and experimental results covering various aspects in the relevant research directions. This somehow makes the volume useful to both experts and novice researchers. Finally, the expectation remains of the contents to be of some merit for the R&D scientists working in universities and research institutions.

⇒ Ausführliche Angaben: HT020308878

Chowdhury, Mohammad Asaduzzaman: Advanced Surface Engineering Research
English. Inhaltliche Zusammenfassung: Surface engineering has rapidly expanded in recent years as the demand for improved materials has increased. Surface engineering is a valuable tool for conceiving both surface and bulk properties, which cannot be achieved simultaneously either by the coating material or by the substrate material alone. The book is written on the current trends of surface engineering and relevant research. The applied and basic research as well as some worthy concepts of materials related to this area is explained clearly to understand the need for surface engineering in industrial applications. The different surface modification processes, properties, and their characterizations are discussed elaborately for future research and as a text book. Modification of surface properties by films or coatings is used in industrial applications. This is an area of interest to numerous fields: fabrication of parts, mechanics, transport, catalysis, energy, production, microelectronics, optoelectronics, the leisure industry, et cetera. The properties are considered for protection against corrosion, oxidation or wear, biocompatibility, wetting, adhesion, durability, catalytic activity, and toughness. The modern concept of engineering is discussed to ensure that the contributions of this subject minimize energy consumption. The book will be used as a state of the art for present and future researchers, industrial components design, and control.

⇒ Ausführliche Angaben: HT020309113

Chowdhury, Rezaul Kabir / Elshorbagy, Walid: Water Treatment

⇒ Ausführliche Angaben: HT020307938

Chroneos, Zissis C.: Contemporary Topics of Pneumonia
English. Inhaltliche Zusammenfassung: Pneumonia is an inflammatory disease of the air sacs and surrounding interstitium caused by infectious agents or by endogenous inflammatory tissue disorder termed interstitial pneumonia. The present book covers contemporary topics of community, hospital, and health care-related bacterial and viral pneumonia in the setting of drug resistance, environmental exposures, climate change, hormonal influences, and gender. The topic of interstitial pneumonia is brought under the lens of an immune-related connective tissue disease.
Chubarova, Antonina I.: Neonatal Medicine
English. Inhaltliche Zusammenfassung: Neonatology is a new and quickly developing medical specialty. The rate of child and infant mortality and the incidence of adult diseases on life expectancy in any country are strongly dependent on the quality of medical aid to neonates. This is an area of medicine where a lot of new industrial innovations are used in combination with the humanizing of technologies. This book includes information on several aspects of neonatal care beginning with resuscitation in the delivery room and culminating with methods of constructing a parent-friendly atmosphere. It is addressed to neonatologists, obstetricians, pediatricians, nurses, and social workers.

Chumbow, Beban Sammy: Multilingualism and Bilingualism
English. Inhaltliche Zusammenfassung: Research in the area of bilingualism and multilingualism invariably produces fascinating insights. In the Europe of yesteryears, the paradigm of one nation one language was dominant and fashionable as a nation-building ideology that multilingualism was considered a curse, a demon that had to be exorcised. Today, the avalanche of empirical evidence of research findings has established multilingualism and pluralism as an ideal for national development. The nine chapters of this book provide further elucidations of the issue of benefits of bilingualism and multilingualism and also provide original research findings on developments in the areas of psychological dimensions of bilingualism and bilingualism in information retrieval systems. The book by its illuminating description and insightful analysis of issues of bilingualism will be of significant interest to scholars, researchers, and all concerned with bilingualism and multilingualism from whatever perspective.

Cianci, Pasquale: Proctological Diseases in Surgical Practice
English. Inhaltliche Zusammenfassung: The prevalence of anorectal disorders in the general population is probably much higher than that seen in clinical practice. Anorectal diseases have for a long time been considered of little interest, with their treatment considered of little prestige despite the social impact they cause to patients. Proctology was initiated late and developed slowly over the years. However, in the last 20 years, a renewed interest has begun, and today, we can say that proctology is a specialized branch of general surgery. This book Proctological Diseases in Surgical Practice provides a practical introduction to proctology, with a particular attention to the topics that have not yet been investigated. This book may be useful for the general physician as well as for the specialist.

Cianferoni, Nicola: Travailler dans la grande distribution
French. Inhaltliche Zusammenfassung: What does it mean to work in the retail sector today? In Switzerland, two giants share almost the whole market. In order to stay competitive, they intensify the work, demand more availability from their employees and deskill certain positions. How do the store managers achieve profitability objectives despite the constraints in this context? How do the cashiers cope with the increasing automation of their jobs? How do the shelf workers reconcile customer contact with ever-increasing time constraints? This book explains how neoliberal working time patterns are taking place in the supermarkets and questions the evolution of the working day in our society. The study is based on 78 interviews with managers, shop floor workers and union officers. Nicola Cianferoni is a post-doctoral researcher at the University of Geneva and the University of Neuchâtel in Switzerland.
Cinku, Mualla Cengiz / Karabulut, Savas: Cave Investigation
English. Inhaltliche Zusammenfassung: Cave investigation is one of the most interesting re-
search field in natural and earth sciences, showing a rapid development with technological
progress. It coincides with a number of scientific disciplines to address the early human
history, habitats of living lives and specimens. This book will be useful to students and re-
searchers as well as to earth scientists, archeologist, biologist, natural sciences, and other
experts in a other related of disciplines. The volume consists of three sections sorted thema-
tically, each focusing on a certain aspect. The book presents results on the determination
and definition of caves discussed by means of geographic, geophysical, and geological appli-
cations. Geomorphometric analysis using GIS and laser scanning, the importance of electric
tomography method in cave detection, the use of groundwater sources in agricultural areas,
and the habitats of bats and species are studied on several cave studies.

⇒ Ausführliche Angaben: HT020308341

Ciorba, Andrea / Hatzopoulos, Stavros: An Excursus into Hearing Loss
English. Inhaltliche Zusammenfassung: The main objective of this volume is to diffuse the
latest information related to hearing loss, which is among the most prevalent chronic disa-
bilities worldwide. Nowadays, it is clear that the identification and rehabilitation of hearing
impairment, when possible, have to be adequately and promptly managed because hearing
loss can seriously interfere with psychosocial development, family dynamics, and social inter-
actions. This book has been edited with a strong educational perspective (all chapters include
an extensive introduction to their corresponding topic and an extensive glossary of terms).
This book contains various materials suitable for graduate students in audiology, ENT, hear-
ing science, and neurosciences.

⇒ Ausführliche Angaben: HT020308745

Cismaru, Gabriel: Bedside Procedures
9789535140085
English. Inhaltliche Zusammenfassung: Shifting the performance of an invasive procedure
from operating room or interventional lab to the ICU has advantages for both the patient
and the doctor performing the procedure. The book is a guide to interventions that are com-
monly performed in the intensive care unit, without the need of an operating room. In the
following chapters, the authors show that procedures like endotracheal intubation, videola-
rynigoscopy, pericardial puncture, lumbar puncture and percutaneous cholecystostomy, and
intra-abdominal pressure monitoring can be safely performed outside the operating room, at
the bed of the patient. All the chapters of the book are clinically orientated providing expla-
nations and illustrations for invasive procedures. Practical recommendations are given in the
book, accompanied by figures for techniques performed in critically ill patients. It will serve
the experienced doctor who has not performed a procedure for a long time as well as the
young doctors needing a practical assistance when facing a new patient.

⇒ Ausführliche Angaben: HT020308558

Ciufudean, Calin: Advances in Memristor Neural Networks - Modeling and
Applications
English. Inhaltliche Zusammenfassung: Nowadays, scientific research deals with alternative
solutions for creating non-traditional computing systems, such as neural network architectu-
res where the stochastic nature and live dynamics of memristive models play a key role. The
features of memristors make it possible to direct processing and analysis of both biosystems
and systems driven by artificial intelligence, as well as develop plausible physical models of
spiking neural networks with self-organization. This book deals with advanced applications
illustrating these concepts, and delivers an important contribution for the achievement of the
next generation of intelligent hybrid biostructures. Different modeling and simulation tools
can deliver an alternative to funding the theoretical approach as well as practical implementa-
tion of memristive systems.
Civeira, Gabriela: Soil Moisture
English. Inhaltsangabe: This book is aimed at the majority of audiences, who need to rapidly obtain a concise overview of soil moisture measurement and management. Many existing soil moisture textbooks cater for a traditional market where readers rely on years of study presented in a slender discipline. The evolution of segmental schemes has meant that soil moisture is now often included as a part of broad-based soil science programs. For those opting to specialise in soil moisture, this is a good book to choose. This book will be very useful to students, researchers and other readers who do not hold a traditional scientific background, such as those studying geography, environment science, ecology and agriculture. This book provides a concise overview of soil moisture knowledge.

Claborn, David: Current Issues in Global Health
English. Inhaltsangabe: Current Issues in Global Health provides a forum for a broad discussion of health issues, from systemic violence to infectious disease in places as far apart as Kashmir and South America. The authors come from a variety of environments including military and academic positions. Despite the diversity of subject matter and authors, the consistent theme of the book always focuses on the provision of an environment in which members of a community can achieve or maintain good public health. The subjects addressed here are those that cross international borders and affect lives around the world, thus truly qualifying as issues of global health importance.

Claborn, David M.: Leishmaniasis - Trends in Epidemiology, Diagnosis and Treatment
English. Inhaltsangabe: Of all the parasitic diseases, leishmaniasis is one of the most diverse, with a variety of manifestations, from relatively minor cutaneous lesions to deadly visceral infections. It is also widespread, causing human disease in the Americas, Asia, Europe and Africa. The environments in which this disease occurs range from desert to tropical jungle to urban habitats. Not surprisingly, the literature on this disease is written in a variety of languages including Portuguese, Arabic, English and French among others. This book provides a synopsis in English of much of the recent research on leishmaniasis, with a focus on the epidemiology, diagnosis and treatment of the disease as described by researchers around the world, but with a focus on the research from Brazil and the Middle East.

Claborn, David: The Epidemiology and Ecology of Leishmaniasis
English. Inhaltsangabe: Leishmaniasis is a vector-borne, parasitic disease with tremendous variety in presentation, biology, and epidemiology. Any book on this disease must acknowledge the nearly impossible task of providing an exhaustive account of leishmaniasis simply because the epidemiology of the disease is so very complex. This book addresses some of this variety with chapters on the epidemiology of leishmaniasis in North Africa, Central America, and South America. The purpose of the book is not to specifically address diagnosis and treatment of the disease, but rather to provide a sample of the differing epidemiologies of leishmaniasis that occur due to variations in local habitats; the presence of different vectors, reservoirs, and agents; and the wide variety of cultures in which this disease occurs.

Claborn, David: Topics in Public Health
English. Inhaltliche Zusammenfassung: Public health has been defined as the efforts of a community that allow a population to remain healthy. This definition is very inclusive, so elements of clinical care, health promotion and many other fields contribute to the larger discipline of public health. The profession has evolved in recent years, with the emphasis in the developed world changing from the hygiene method for control of infectious diseases to a more complex approach to address chronic disease. However, the focus in public health continues to be the population. This book provides a sample of fields that contribute to the public health profession. Its broad approach provides examples of the core fields of public health, including environmental health, epidemiology, biostatistics, health administration, and health behavior.

⇒ Ausführliche Angaben: HT020307988

Clare, Connie / Cruz, Maria / Papadopoulou, Elli: Engaging Researchers with Data Management: The Cookbook

English. Inhaltliche Zusammenfassung: Effective Research Data Management (RDM) is a key component of research integrity and reproducible research, and its importance is increasingly emphasised by funding bodies, governments, and research institutions around the world. However, many researchers are unfamiliar with RDM best practices, and research support staff are faced with the difficult task of delivering support to researchers across different disciplines and career stages. What strategies can institutions use to solve these problems? Engaging Researchers with Data Management is an invaluable collection of 24 case studies, drawn from institutions across the globe, that demonstrate clearly and practically how to engage the research community with RDM. These case studies together illustrate the variety of innovative strategies research institutions have developed to engage with their researchers about managing research data. Each study is presented concisely and clearly, highlighting the essential ingredients that led to its success and challenges encountered along the way. By interviewing key staff about their experiences and the organisational context, the authors of this book have created an essential resource for organisations looking to increase engagement with their research communities. This handbook is a collaboration by research institutions, for research institutions. It aims not only to inspire and engage, but also to help drive cultural change towards better data management. It has been written for anyone interested in RDM, or simply, good research practice.

⇒ Ausführliche Angaben: HT020309702

Clark, Margaret / Munn, Pamela: Education in Scotland

English. Inhaltliche Zusammenfassung: Education in Scotland is markedly different from what happens in the rest of the UK - with a different National Curriculum, school boards to oversee school management and a General Teaching Council which has been in existence since 1965. Whilst there are many examples of successful and innovative practice in Scotland, the system is quite often not recognised as different by writers who talk about the UK education system as if it were one smooth whole. This book describes recent developments in both legislation and practice in Scotland, drawing comparisons with the Eng system. Chapters cover: * administration and management * the professional competence of teachers * early years education provision * the National Curriculum in Scotland * Secondary Education * Special Educational Needs.

⇒ Ausführliche Angaben: HT020310268

Clark, Peter A.: Bioethics - Medical, Ethical and Legal Perspectives

English. Inhaltliche Zusammenfassung: The main strength of this book is that it examines the challenges facing the field of Bioethics today from medical, ethical and legal perspectives. A critical exchange of ideas from professionals in interdisciplinary fields allows everyone
to learn and benefit from the insights gained through others' experiences. Examining, analyzing and understanding these complex medical-ethical-legal issues and cases and how they are resolved will serve as a paradigm for all professionals who will be confronted with these complex bioethical issues now and in the future. The more we face these challenges directly, examine them critically and debate them enthusiastically the more knowledge will be gained and hopefully, we will gain more practical wisdom.

⇒ Ausführliche Angaben: HT020308119

**Cloatre, Emilie / Cowan, Dave: Chapter 7 ’Indefensible and Irresponsible**


English. Inhaltliche Zusammenfassung: Drawing on a range of approaches from the social sciences and humanities, this handbook explores theoretical and empirical perspectives that address the articulation of law in society, and the social character of the rule of law. The vast field of socio-legal studies provides multiple lenses through which law can be considered. Rather than seeking to define the field of socio-legal studies, this book takes up the experiences of researchers within the field. First-hand accounts of socio-legal research projects allow the reader to engage with diverse theoretical and methodological approaches within this fluid interdisciplinary area. The book provides a rich resource for those interested in deepening their understanding of the variety of theories and methods available when law is studied in its broadest social context, as well as setting those within the history of the socio-legal movement. The chapters consider multiple disciplinary lenses - including feminism, anthropology and sociology - as well as a variety of methodologies, including: narrative, visual and spatial, psychological, economic and epidemiological approaches. Moreover, these are applied in a range of substantive contexts such as online hate speech, environmental law, biotechnology, research in post-conflict situations, race and LGBT+ lawyers. The handbook brings together younger contributors and some of the best-known names in the socio-legal field. It offers a fresh perspective on the past, present and future of sociolegal studies that will appeal to students and scholars with relevant interests in a range of subjects, including law, sociology and politics.

⇒ Ausführliche Angaben: HT020307658

**Clopot, Cristina / Craith, Máiréad Nic / Kockel, Ullrich: Chapter 1 Heritages, identities and Europe**


English. Inhaltliche Zusammenfassung: Traditional arts practices and festivals have attracted increasing and diverse attention in the European context since policymakers discovered ‘culture’ as a resource in the 1980s (see, e.g., Kilday 1998). Their impact on their respective-communities of practice, modes of production and exchange value in contemporary European society is under the spotlight from various angles within the newly emerged field of ‘festival studies’, which is deeply connected to policy issues (Frost 2016). However, much of this interest is instrumentally concerned with revenue potential, leaving key concepts, such as heritage, identity and indeed Europe, defined in rather vague and often contradictory terms (Kockel, Nic Craith and Frykman 2012; Logan, Kockel and Nic Craith 2015; Kølvraa 2016; Lähdesmäki 2016; Whitehead and Bozoglu 2017). Moreover, the number and range of events labelled as ‘festival’ is growing (Frost 2016: 569), requiring a broader perspective on performances of heritage and identity.

⇒ Ausführliche Angaben: HT020310420

**Closson, Damien / Milisavljevic, Nada / Pasquali, Paolo: Land Applications of Radar Remote Sensing**


English. Inhaltliche Zusammenfassung: The aim of this book is to demonstrate the use of SAR data in three application domains, that is land cover (Part II), topography (Part III), and land motion (Part IV). These are preceded by Part I, where an extensive and complete review on speckle and adaptive filtering is provided, essential for the understanding of SAR images. Part II is dedicated to land cover mapping. Part III is devoted to the generation of Digital Elevation
Models based on radargrammetry and on a wise fusion (by considering sensor characteristic and acquisition geometry) of interferometric and photogrammetric elevation data. Part IV provides a contribution to three applications related to land motion.

⇒ Ausführliche Angaben: HT020307976

**Closson, Damien: Tectonics**
English. Inhaltliche Zusammenfassung: The term tectonics refers to the study dealing with the forces and displacements that have operated to create structures within the lithosphere. The deformations affecting the Earth's crust are result of the release and the redistribution of energy from Earth's core. The concept of plate tectonics is the chief working principle. Tectonics has application to lunar and planetary studies, whether or not those bodies have active tectonic plate systems. Petroleum and mineral prospecting uses this branch of knowledge as guide. The present book is restricted to the structure and evolution of the terrestrial lithosphere with dominant emphasis on the continents. Thirteen original scientific contributions highlight most recent developments in seven relevant domains: Gondwana history, the tectonics of Europe and the Near East; the tectonics of Siberia; the tectonics of China and its neighbourhood; advanced concepts on plate tectonics are discussed in two articles; in the frame of neotectonics, two investigation techniques are examined; finally, the relation between tectonics and petroleum researches is illustrated in one chapter.

⇒ Ausführliche Angaben: HT020307704

**Cocco, Luigi: New Trends and Developments in Metrology**
English. Inhaltliche Zusammenfassung: Investigating the incessant technology growth and the even higher complexity of engineering systems, one of the crucial requirements to confidently steer both scientific and industrial challenges is to identify an appropriate measurement approach. A general process can be considered effective and under control if the following elements are consciously and cyclically managed: numeric target, adequate tools, output analysis, and corrective actions. The role of metrology is to rigorously harmonize this virtuous circle, providing guidance in terms of instruments, standards, and techniques to improve the robustness and the accuracy of the results. This book is designed to offer an interdisciplinary experience into the science of measurement, not only covering high-level measurement strategies but also supplying analytical details and experimental setups.

⇒ Ausführliche Angaben: HT020308024

**Cockburn, Anne: Teaching Under Pressure**
English. Inhaltliche Zusammenfassung: This text is based on the authors research into primary school teachers stress. The research has been linked with the authors belief in the need to understand ourselves, our personal and professional situations and how they relate. The resulting book is a practical text designed to address the reader in such a way that they can readily identify with what is being discussed. Furthermore, readers are encouraged to explore ways in which they can begin to tackle their own problems.

⇒ Ausführliche Angaben: HT020310121

**Coëgnarts, Maarten: Film as Embodied Art**
English. Inhaltliche Zusammenfassung: How do the visuals of Kubrick’s work convey complex concepts and abstractions without the traditional reliance on words? And how does the pure instrumental music in his films express meaning when music, in essence, is an abstract art form? Drawing on state-of-the-art research in embodied cognitive science, this book sets out to explore these questions by revealing Kubrick as a genuine conceptual artist, a filmmaker who perhaps more than any other director, uses all the non-verbal resources of filmmaking in such a controlled and dense manner as to elicit the bodily structures necessary to achieve a level of conceptual understanding.
Cohen, Richard: Beyond Enlightenment
English. Inhaltliche Zusammenfassung: The vast majority of books on Buddhism describe the Buddha using the word enlightened, rather than awakened. This bias has resulted in Buddhism becoming generally perceived as the eponymous religion of enlightenment. Beyond Enlightenment is a sophisticated study of some of the underlying assumptions involved in the study of Buddhism (especially, but not exclusively, in the West). It investigates the tendency of most scholars to ground their study of Buddhism in these particular assumptions about the Buddha’s enlightenment and a particular understanding of religion, which is traced back through Western orientalists to the Enlightenment and the Protestant Reformation. Placing a distinct emphasis on Indian Buddhism, Richard Cohen adeptly creates a work that will appeal to those with an interest in Buddhism and India and also scholars of religion and history.

Colak, Ilhami / Tahour, Ahmed / Aissaoui, Abdel Ghani: Optimization and Control of Electrical Machines
English. Inhaltliche Zusammenfassung: Electrical machines are used in the process of energy conversion in the generation, transmission and consumption of electric power. In addition to this, electrical machines are considered the main part of electrical drive systems. Electrical machines are the subject of advanced research. In the development of an electrical machine, the design of its different structures is very important. This design ensures the robustness, energy efficiency, optimal cost and high reliability of the system. Using advanced techniques of control and new technology products has brought electrical machines into their optimal functioning mode. Different techniques of control can be applied depending on the goals considered. The aim of this book is to present recent work on the design, control and applications of electrical machines.

Coldea, Teodora Emilia: Food Engineering
English. Inhaltliche Zusammenfassung: Given the rapid growth of engineering fields, namely the food industry with novel food process technologies, novel ingredients, advanced enzyme production and applications, and other complementary technologies, this book will disclose the latest trends in food engineering. This text is a compilation of selected research articles and reviews covering current efforts in research in and application of emerging technologies in the food industry. The chapters in this book are divided into three broad sections. Section 1 deals with introductory information about enzyme application, preserving treatments (such as thermal treatment, active packaging concepts) in a sustainable, cost-effective manner, inclusion in food processing of wild edible plants as a part of cultural and generic heritage, and the upscaling of extraction techniques to increase the bioavailability of bioactive compounds. Section 2 provides data concerning the food industrys emerging technologies. Section 3 reveals the latest trends in food fortification. Overall, this book serves as an inspiring source for both scientific and industrial actors or anyone involved in any aspect related to the food industry.

Comite, Ubaldo: Advances in Health Management
English. Inhaltliche Zusammenfassung: The production of healthcare services had been out of the business, organizational, and technological dynamic that continually revolutionized the production of all other goods and services for a long time. Nowadays, this marginality has
ceased as the need for healthcare is rising. Healthcare is now at the center of attention influenced by the never-ending demand of medical technology and substantial resource scarcity that imposes substantial organizational and entrepreneurial innovations. One decisive challenge that has emerged from such a situation is the management of healthcare processes, in the broad sense: healthcare professionals are called upon to demonstrate their ability to cope with complex problems because they are characterized in an institutional, ethical, organizational, and economic sense. With its eight chapters in a single segment, this book makes it possible to realize the specific nature of the problem. Its multidimensionality and the original approach are contributed and harmonized by scholars belonging to different disciplines.

⇒ Ausführliche Angaben: HT020308376

Comite, Ubaldo: Public Management and Administration
English. Inhaltliche Zusammenfassung: The public sector plays an important role for both regulation and in the delivery of services directly or indirectly. In this context, it is important to consider transformation, change, and innovation, which are the elements on which the main determinants that influence public management and the administration of economic, social, and political systems are based. This book describes the nature of the problem, its multidimensionality, and the need for original approaches, through the contribution of scholars belonging to different disciplines. This book contains nine chapters in a single section (Public Management and Administration), which, through the different approaches to the subject by the authors, help to explain the issues of the public sector.

⇒ Ausführliche Angaben: HT020308932

Compagnone, Claude: Sociologie des changements de pratiques en agriculture
French. Inhaltliche Zusammenfassung: Cet ouvrage rend compte de la façon dont les dynamiques de changements de pratiques des agriculteurs sont liées à la structure des réseaux de dialogues professionnels dans lesquels ils sont insérés. Développant une analyse des réseaux sociaux, il montre comment, du fait de certaines caractéristiques de ces réseaux, les agriculteurs se trouvent socialement plus ou moins bien armés pour mettre en oeuvre de nouvelles pratiques plus respectueuses de l’environnement.

⇒ Ausführliche Angaben: HT020310384

Compeau, Timothy / Kee, Kevin: Seeing the Past with Computers: Experiments with Augmented Reality and Computer Vision for History
English. Inhaltliche Zusammenfassung: Recent developments in computer technology are providing historians with new ways to see-and seek to hear, touch, or smell-traces of the past. Place-based augmented reality applications are an increasingly common feature at heritage sites and museums, allowing historians to create immersive, multifaceted learning experiences. Now that computer vision can be directed at the past, research involving thousands of images can recreate lost or destroyed objects or environments, and discern patterns in vast datasets that could not be perceived by the naked eye. Seeing the Past with Computers is a collection of twelve thought-pieces on the current and potential uses of augmented reality and computer vision in historical research, teaching, and presentation. The experts gathered here reflect upon their experiences working with new technologies, share their ideas for best practices, and assess the implications of-and imagine future possibilities for-new methods of historical study. Among the experimental topics they explore are the use of augmented reality that empowers students to challenge the presentation of historical material in their textbooks; the application of seeing computers to unlock unusual cultural knowledge, such as the secrets of vaudevillian stage magic; hacking facial recognition technology to reveal victims of racism in a century-old Australian archive; and rebuilding the soundscape of an Iron Age village with aural augmented reality. This volume is a valuable resource for scholars and students of history and the digital humanities more broadly. It will inspire them to apply innovative methods to open new paths for conducting and sharing their own research.
Concu, Giovanna: Wood in Civil Engineering
English. Inhaltliche Zusammenfassung: Wood is a natural building material: if used in building elements, it can play structural, functional and aesthetic roles at the same time. The use of wood in buildings, which goes back to the oldest of times, is now experiencing a period of strong expansion in virtue of the sustainable dimension of wood buildings from the environmental, economic and social standpoints. However, its use as an engineering material calls for constant development of theoretical and experimental research to respond properly to the issues involved in this. In the single chapters written by experts in different fields, the book aims to contribute to knowledge in the application of wood in the building industry.

Condon, Stephanie A. / Thiara, Ravi K. / Schröttle, Monika: Violence against Women and Ethnicity: Commonalities and Differences across Europe
English. Inhaltliche Zusammenfassung: This book draws together both: theory and practice on minority/migrant women and gendered violence. The interplay of gender, ethnicity, religion, class, generation and sexuality in shaping the lives, experiences and choices of minority/migrant women affected by violence has not always been adequately theorised within much of the existing writing on violence against women. Feminist theory, especially the insights provided by the concept of intersectionality, are central to the editors’ conceptual frameworks.

Connell, Julia / Burgess, John: Developments in the Call Centre Industry
English. Inhaltliche Zusammenfassung: Over the past ten years there has been a massive growth in call centres worldwide. These centres are said to represent the most dynamic growth area in white-collar employment internationally since the mid 1990s. Yet the footlose and global nature of the industry means that jobs will always be susceptible to outsourced operations, ICT developments, public sector subsidization of business restructuring and re-location, and cheaper operations elsewhere. This book conducts a thorough analysis of this modern phenomenon.

Constantinides, Christakis: Assessment of Cellular and Organ Function and Dysfunction using Direct and Derived MRI Methodologies
English. Inhaltliche Zusammenfassung: Despite the tremendous growth in the field of magnetic resonance imaging (MRI) evidenced in the initial phases of its development in the early twentieth century, scientific focus has shifted in recent years toward the study of physiology and pathophysiology that span the spatial scales of the molecule, cell, tissue, and organ. Intensified research activities over the past 15 years have justified efforts toward molecular and cellular imaging, dual-modality imaging systems, real-time acquisitions, dedicated image processing techniques and applications, and the critical evaluation of their potential translational value for use in the clinic. The integrative focus on molecular-cellular-tissue-organ function and dysfunction has taken a primary role in modern, personalized medicine, and it is envisaged to continue to do so, as accumulated knowledge from basic and clinical science work continues to elucidate molecular, cellular, and physiological/pathophysiological pathways and mechanisms. In this scientific effort, MRI continues to play a critical and synergistic role from the perspectives of basic science, diagnosis, and clinical intervention/therapeutic approaches. Within the realm of the current role of MRI in modern medicine, this book summarizes state-of-the-art direct and derived MRI methodologies and approaches as applied toward the
assessment of cellular and organ function and dysfunction. The contributions in this effort are not excessive but few, comprehensive, and distinguished and of high quality. The topic areas can be generalized to find applications in other scientific areas and span both brain and cardiac applications, extending interest to wider audiences.

⇒ Ausführliche Angaben: HT020309617

Conte, Rosaria / Gilbert, Nigel: Artificial Societies
English. Inhaltliche Zusammenfassung: An exploration of the implications of developments in artificial intelligence for social scientific research, which builds on the theoretical and methodological insights provided by Simulating societies.; This book is intended for worldwide library market for social science subjects such as sociology, political science, geography, archaeology/anthropology, and significant appeal within computer science, particularly artificial intelligence. Also personal reference for researchers.

⇒ Ausführliche Angaben: HT020310308

Conterno, Maria: La "descrizione dei tempi" all’alba dell’espansione islamica. Un’indagine sulla storiografia greca, siriaca e araba fra VII e VIII secolo
Italian. Inhaltliche Zusammenfassung: The 7-8th centuries are commonly believed to have been a stagnant phase of Byzantine historiography. This book investigates the writing of history in Greek and Syriac during this period through the study of four later chronicles which used lost 7-8th-century sources. The materials shared by these texts shed light on the sources themselves and on the practice of memory keeping among Christians in such a crucial age.

⇒ Ausführliche Angaben: HT020307644

Contreras, Juan Antonio Vidales / Fuentes, Humberto Rodríguez / Maldonado, Alejandro Isabel Luna: Hyperspectral Imaging in Agriculture, Food and Environment
English. Inhaltliche Zusammenfassung: This book is about the novel aspects and future trends of the hyperspectral imaging in agriculture, food, and environment. The topics covered by this book are hyperspectral imaging and their applications in the nondestructive quality assessment of fruits and vegetables, hyperspectral imaging for assessing quality and safety of meat, multimode hyperspectral imaging for food quality and safety, models fitting to pattern recognition in hyperspectral images, sequential classification of hyperspectral images, graph construction for hyperspectral data unmixing, target visualization method to process hyperspectral image, and soil contamination mapping with hyperspectral imagery. This book is a general reference work for students, professional engineers, and readers with interest in the subject.

⇒ Ausführliche Angaben: HT020308908

Conway, Dennis / Heynen, Nik: Globalizations Contradictions
English. Inhaltliche Zusammenfassung: Since the 1980s, globalization and neoliberalism have brought about a comprehensive restructuring of everyone’s lives. People are being ‘disciplined’ by neoliberal economic agendas, ‘transformed’ by communication and information technology changes, global commodity chains and networks, and in the Global South in particular, destroyed livelihoods, debilitating impoverishment, disease pandemics, among other disastrous disruptions, are also globalization’s legacy. This collection of geographical treatments of such a complex set of processes unearths the contradictions in the impacts of globalization on peoples’ lives. Globalizations Contradictions firstly introduces globalization in all its intricacy and contrariness, followed on by substantive coverage of globalization’s dimensions. Other
areas that are covered in depth are: globalization's macro-economic faces globalization's unruly spaces globalization's geo-political faces ecological globalization globalization's cultural challenges globalization from below fair globalization. Globalizations Contradictions is a critical examination of the continuing role of international and supra-national institutions and their involvement in the political economic management and determination of global restructuring. Deliberately, this collection raises questions, even as it offers geographical insights and thoughtful assessments of globalization's multifaceted 'faces and spaces.'

⇒ Ausführliche Angaben: HT020310241

Cook, Christopher C.H.: Hearing Voices, Demonic and Divine
English. Inhaltsliche Zusammenfassung: The Open Access version of this book, available at www.taylorfrancis.com/books/9781472453983, has been made available under a Creative Commons Attribution-Non Commercial-No Derivative 4.0 license. Experiences of hearing the voice of God (or angels, demons, or other spiritual beings) have generally been understood either as religious experiences or else as a feature of mental illness. Some critics of traditional religious faith have dismissed the visions and voices attributed to biblical characters and saints as evidence of mental disorder. However, it is now known that many ordinary people, with no other evidence of mental disorder, also hear voices and that these voices not infrequently include spiritual or religious content. Psychological and interdisciplinary research has shed a revealing light on these experiences in recent years, so that we now know much more about the phenomenon of hearing voices than ever before. The present work considers biblical, historical, and scientific accounts of spiritual and mystical experiences of voice hearing in the Christian tradition in order to explore how some voices may be understood theologically as revelatory. It is proposed that in the incarnation, Christian faith finds both an understanding of what it is to be fully human (a theological anthropology), and God’s perfect self-disclosure (revelation). Within such an understanding, revelatory voices represent a key point of interpersonal encounter between human beings and God.

⇒ Ausführliche Angaben: HT020310236

Cook, Sarah / Benewick, Robert / Blecher, Marc: Asian Politics in Development
English. Inhaltsliche Zusammenfassung: This volume adopts a multidisciplinary and comparative approach to development that brings together issues that are characteristic of the lifelong scholarship of Professor Gordon White. These include a focus on the state, civil society, welfare and globalization.

⇒ Ausführliche Angaben: HT020310306

Copete, Marie-Lucie / Castelnau-l'Estoile, Charlotte de: Missions dévangélisation et circulation des savoirs

⇒ Ausführliche Angaben: HT020307364
Coppieters, Bruno: Chapter 19 Engagement without Recognition
English. Inhaltliche Zusammenfassung: state; recognition.
⇒ Ausführliche Angaben: HTO20310409

Corbett, Greville G.: The Expression of Gender
English. Inhaltliche Zusammenfassung: Gender is a fascinating category, which has grown steadily in importance across the humanities and social sciences. The book centres on the core of the category within language. Each of the seven contributions provides an independent account of a key part of the topic, ranging from gender and sex, gender and culture, to typology, dialect variation and psycholinguistics.
⇒ Ausführliche Angaben: HTO20307632

Corcoran, Peter M.: Reviews, Refinements and New Ideas in Face Recognition
English. Inhaltliche Zusammenfassung: As a baby one of our earliest stimuli is that of human faces. We rapidly learn to identify, characterize and eventually distinguish those who are near and dear to us. We accept face recognition later as an everyday ability. We realize the complexity of the underlying problem only when we attempt to duplicate this skill in a computer vision system. This book is arranged around a number of clustered themes covering different aspects of face recognition. The first section on Statistical Face Models and Classifiers presents reviews and refinements of some well-known statistical models. The next section presents two articles exploring the use of Infrared imaging techniques and is followed by few articles devoted to refinements of classical methods. New approaches to improve the robustness of face analysis techniques are followed by two articles dealing with real-time challenges in video sequences. A final article explores human perceptual issues of face recognition.
⇒ Ausführliche Angaben: HTO20309558

Corcoran, Peter: New Approaches to Characterization and Recognition of Faces
English. Inhaltliche Zusammenfassung: As a baby, one of our earliest stimuli is that of human faces. We rapidly learn to identify, characterize and eventually distinguish those who are near and dear to us. We accept face recognition later as an everyday ability. We realize the complexity of the underlying problem only when we attempt to duplicate this skill in a computer vision system. This book is arranged around a number of clustered themes covering different aspects of face recognition. The first section presents an architecture for face recognition based on Hidden Markov Models; it is followed by an article on coding methods. The next section is devoted to 3D methods of face recognition and is followed by a section covering various aspects and techniques in video. Next short section is devoted to the characterization and detection of features in faces. Finally, you can find an article on the human perception of faces and how different neurological or psychological disorders can affect this.
⇒ Ausführliche Angaben: HTO20307746

Cormier, Jacques / Grosperrin, Jean-Philippe / Van der Schueren, Éric: La duchesse du Maine (1676-1753)

Cornaz, Marie / Zedinger, Renate / Van Aelbrouck, Jean-Philippe: Espaces et parcours dans la ville. Bruxelles au XVIIIe siècle
French. Inhaltliche Zusammenfassung: La ville est l’un des sujets de prédilection de la recherche actuelle en sciences humaines. L’étude des espaces qui la constituent et des parcours qui la traversent, facteurs essentiels pour l’appréhension de la réalité urbaine, permet de faire émerger la structure géographique et sociologique de Bruxelles au XVIIIe siècle. L’image de la capitale des Pays-Bas méridonaux se modifie progressivement dès la fin du XVIIe siècle, suite au bombardement de 1695. Un parallélisme s’établit avec la capitale de l’Empire dont dépend Bruxelles dès 1715: Vienne, dont les transformations urbaines, liées aux réformes institutionnelles, sont encore perceptibles. Le pouvoir est dans la ville. Autour de 1700, Bruxelles, qui n’est pas encore autrichienne, est parcourue par un prince baroque venu de Bavière et dont les prétentions à la souveraineté se manifestent, entre autres, dans ses sorties publiques.⇒ Ausführliche Angaben: HT020309778

Cornick, Martyn / Kelly, Debra: A history of the French in London: liberty, equality, opportunity
eng. Inhaltliche Zusammenfassung: This book examines, for the first time, the history of the social, cultural, political and economic presence of the French in London, and explores the multiple ways in which this presence has contributed to the life of the city. The capital has often provided a place of refuge, from the Huguenots in the 17th century, through the period of the French Revolution, to various exile communities during the 19th century, and on to the Free French in the Second World War. It also considers the generation of French citizens who settled in post-war London, and goes on to provide insights into the contemporary French presence by assessing the motives and lives of French people seeking new opportunities in the late 20th and early 21st centuries. It analyses the impact that the French have had historically, and continue to have, on London life in the arts, gastronomy, business, industry and education, manifest in diverse places and institutions from the religious to the political via the educational, to the commercial and creative industries.
⇒ Ausführliche Angaben: HT020309721

Cosme, Fernanda / Jordão, António Manuel: Grapes and Wines - Advances in Production, Processing, Analysis and Valorization
English. Inhaltliche Zusammenfassung: The book Grapes and Wines: Advances in Production, Processing, Analysis, and Valorization intends to provide to the reader a comprehensive overview of the current state-of-the-art and different perspectives regarding the most recent knowledge related to grape and wine production. Thus, this book is composed of three different general sections: (1) Viticulture and Environmental Conditions, (2) Wine Production and Characterization, and (3) Economic Analysis and Valorization of Wine Products. Inside these 3 general sections, 16 different chapters provide current research on different topics of recent advances on production, processing, analysis, and valorization of grapes and wines. All chapters are written by a group of international researchers, in order to provide up-to-date reviews, overviews, and summaries of current research on the different dimensions of grape and wine production. This book is not only intended for technicians actively engaged in the field but also for students attending technical schools and/or universities and other professionals that might be interested in reading and learning about some fascinating areas of grape and wine research.
⇒ Ausführliche Angaben: HT020308601
**Costain, Willard J / Laprairie, Robert B: Recent Advances in Cannabinoid Research**


English. Inhaltliche Zusammenfassung: Scientific interest in cannabinoid research is currently experiencing a significant increase because of changing attitudes toward Cannabis and the evolving awareness of its pharmaceutical benefits. Coincidently, numerous jurisdictions are moving toward legalizing Cannabis and Cannabis-derived products, which reflects a larger global movement to understand Cannabis and its bioactive chemicals for their potential biomedical uses, harms, and economic value. Research activities are surging to fill important knowledge gaps in the field of cannabinoids as they continue to be identified. The purpose of this book is to summarize some leading areas of research in the cannabinoid field where knowledge gaps are actively being addressed. The research described herein spans basic biological and clinical research.

⇒ Ausführliche Angaben: HT020309374

**Costanzo, Sandra: Wave Propagation Concepts for Near-Future Telecommunication Systems**


English. Inhaltliche Zusammenfassung: Wave Propagation Concepts for Near-Future Telecommunication Systems is an edited book discussing recent researches for the development of innovative telecommunication systems, with particular focus on the propagation aspects and radiating systems design. It is divided into two sections: Section 1, devoted to the illustration of advanced results in terms of microwave propagation at high operating frequencies, and Section 2, illustrating new electromagnetic concepts and applications.

⇒ Ausführliche Angaben: HT020308242

**Cowell, Ben / Baigent, Elizabeth: Octavia Hill, social activism and the remaking of British society**


eng. Inhaltliche Zusammenfassung: This volume reassesses the life and work of Octavia Hill, housing reformer, open space campaigner, co-founder of the National Trust, founder of the Army Cadet Force, and the first woman to be invited to sit on a royal commission. In her lifetime she was widely regarded as an authority on a broad range of social problems. Yet despite her early pre-eminence, and the remarkable success of the institutions which she helped to found, Hill fell from public favour in the twentieth century. This book provides a nuanced portrait of Hill and her work in a broader context of social change, reflecting recent scholarship on nineteenth-century society in general, and on philanthropy and preservation, and women.

⇒ Ausführliche Angaben: HT020309732

**Craith, Máiréad Nic / McFadyen, Mairi: Chapter 10 Performing Scots-European heritage, 'For A' That!'**


English. Inhaltliche Zusammenfassung: This chapter focuses on the Scots-speaking community and, in particular, on its use of the Scots language as a means to assert political difference in the form of a ‘welcoming, inclusive civic nationalism’ (McFadyen 2018).

⇒ Ausführliche Angaben: HT020310417

**Crépon, Sylvain / Frère, Barbara / Torrekens, Corinne: Topographie du sacré. L’emprise religieuse sur l’espace**


⇒ Ausführliche Angaben: HT020309785

Cruickshank, Ken: Teenagers, Literacy and School
⇒ Ausführliche Angaben: HT020309728

Cruz, Alvaro Pachon de la / Ortiz, Jesus Hamilton: Ad Hoc Networks
⇒ Ausführliche Angaben: HT020308254

Cruz, Beatriz Adriana Salazar / Rivera-Armenta, Jose Luis: Polymer Rheology
Englisch. Inhaltliche Zusammenfassung: Rheologie ist die Wissenschaft, die die Untersuchung des Fließverhaltens einer Flüssigkeit oder eines weichen Solids unter Anwendung von Spannungen oder Deformationen erfordert, um eine Reaktion auf eine Anwendungsgröße zu erhalten. In Polymeren, Rheologie ist ein wichtiger Werkzeug, um das Verhalten zu verstehen, unter Verarbeitungsbedingungen und zu Designgeräten. Eine andere Anwendung für Rheologie in dem Polymerfeld ist die Veranschaulichung der Struktur-Eigenschaftsbeziehungen durch die Veränderung der molekularen Masse, der molekularen Masseverteilung, der Stereochemie, Morphologie, der Melt Degradation, und der Performance unter Verarbeitung. Dieses Buch deckt die wesentlichen Kriterien ab, bei der Auswahl der besten Testtypen für verschiedene Anwendungen und neue Entwicklungen, für die akkuraten Interpretationsergebnisse, und für das Bestimmen der anderen Bereiche, wo Rheologie und rheologische Phänomene nützlich sein kann, um zu sein, was du in deiner Arbeit aufbringen kannst.
Cruzado, Antonio: Marine Ecosystems
English. Inhaltliche Zusammenfassung: Marine ecosystems, a very wide topic, includes many different processes, groups of organisms and geographical peculiarities. The objective of this book is to present various topics of great importance for understanding the marine ecosystems, what they are, how they work and how we can model them in order to forecast their behaviour under changing conditions. They have been thoroughly reviewed and accepted for publication. The chapters cover aspects such as: Threats to ultraoligotrophic marine ecosystems (Ch. 1); Modelling the pelagic ecosystem dynamics: the NW Mediterranean (Ch. 2); The marine ecosystem of the Sub-antarctic, Prince Edward Islands (Ch. 3); Meiofauna as a tool for marine ecosystem biomonitoring (Ch. 4); Chemical interactions in Antarctic marine benthic ecosystems (Ch. 5); An Interdisciplinary Approach on Erosion Mitigation for Coral Reef Protection- A Case Study from the Eastern Caribbean (Ch. 6); A revisit to the evolution and ecophysiology of the Labyrinthulomycetes (Ch. 7); Seabed mapping and marine spatial planning: a case-study from a Swedish marine protected area (Ch. 8); Management strategies to limit the impact of bottom trawling on VMEs in the High Seas of the SW Atlantic (Ch. 9); Hydrocarbon contamination and the swimming behavior of the estuarine copepod Eurytemora affinis (Ch. 10), and Interactions between marine ecosystems and tourism on the Adriatic and Mediterranean (Ch. 11).
⇒ Ausführliche Angaben: HT020309029

Cuadrado-Laborde, Christian: Applications of Optical Fibers for Sensing
English. Inhaltliche Zusammenfassung: In this book the reader will find a collection of chapters written by different research teams, describing different applications of optical fibers for sensing. This work is mainly addressed to researchers already working in this area, but it is also accessible to anyone with a scientific background who desires to have an updated overview of the recent progress in this domain. It will also be valuable to scientists and engineers who have become newly involved in this field. Each chapter is self-contained and can be read independently of the others. This book intends to provide highlights of the current research in this area, showing the recent advances in the field of optical fiber sensing.
⇒ Ausführliche Angaben: HT020309355

Cuesta, Virginia: Formación inicial de profesores en enseñanza de la historia en Argentina y Brasil. La Plata
spa. Inhaltliche Zusammenfassung: Este trabajo se encuentra dirigido tanto a profesores de historia, como a estudiantes del nivel superior y a docentes formadores en enseñanza de la historia. Tiene como objetivo dar a conocer cómo se articularan actualmente las relaciones entre la formación inicial del profesorado de historia, la producción de conocimientos en enseñanza de la historia y las propuestas de cátedra. Desde una perspectiva comparada e histórica se da cuenta de los aspectos centrales de la historia de la enseñanza de la historia en cada país haciendo hincapié en el nivel secundario así como también se elabora un panorama acerca de las líneas de investigación de la enseñanza de la historia desde el momento de expansión de su producción en los años noventa.
⇒ Ausführliche Angaben: HT020307344

Cuevas-Díaz, María del Carmen / Vázquez-Luna, Dinora: Soil Contamination and Alternatives for Sustainable Development
English. Inhaltliche Zusammenfassung: The book Soil Contamination and Alternatives for Sustainable Development allows the reader to obtain information about some case studies related to soil contamination, as well as provide sustainable alternatives to reduce environmental damage. The book is divided into two sections, where the first section describes anthropogenic contamination in detail and the second section discusses three alternatives for sustainable development.
Cummings, Simon / Adkins, Monty: Music beyond Airports
English. Inhaltliche Zusammenfassung: This collection of essays has been assembled and developed from papers given at the Ambient@40 International Conference held in February 2018 at the University of Huddersfield. The original premise of the conference was not merely to celebrate Eno's work and the landmark release of Music for Airports in 1978, but to consider the development of the genre, how it has permeated our wider musical culture, and what the role of such music is today given the societal changes that have occurred since the release of that album. In the context of the conference, ambient was considered from the perspectives of aesthetic, influence, appropriation, process, strategy and activity. A detailed consideration of each of these topics could fill many volumes. With that in mind, this book does not seek to provide an in-depth analysis of each of these topics or a comprehensive history of the last 40 years of ambient music. Rather it provides a series of provocations, observations and reflections that each open up seams for further discussion. As such, this book should be read as a starting point for future research, one that seeks to critically interrogate the very meaning of ‘ambient’, how it creates its effect, and how the genre can remain vital and relevant in twenty-first century music-making.

Cuppoletti, John: Metal, Ceramic and Polymeric Composites for Various Uses
English. Inhaltliche Zusammenfassung: Composite materials, often shortened to composites, are engineered or naturally occurring materials made from two or more constituent materials with significantly different physical or chemical properties which remain separate and distinct at the macroscopic or microscopic scale within the finished structure. The aim of this book is to provide comprehensive reference and text on composite materials and structures. This book will cover aspects of design, production, manufacturing, exploitation and maintenance of composite materials. The scope of the book covers scientific, technological and practical concepts concerning research, development and realization of composites.

Cuppoletti, John: Nanocomposites and Polymers with Analytical Methods
English. Inhaltliche Zusammenfassung: This book contains 16 chapters. In the first part, there are 8 chapters describing new materials and analytic methods. These materials include chapters on gold nanoparticles and Sol-Gel metal oxides, nanocomposites with carbon nanotubes, methods of evaluation by depth sensing, and other methods. The second part contains 3 chapters featuring new materials with unique properties including optical non-linearities, new materials based on pulp fibers, and the properties of nano-filled polymers. The last part contains 5 chapters with applications of new materials for medical devices, anodes for lithium batteries, electroceramics, phase change materials and matrix active nanoparticles.

Cuppoletti, John: Nanocomposites with Unique Properties and Applications in Medicine and Industry
English. Inhaltliche Zusammenfassung: This book contains chapters on nanocomposites for engineering hard materials for high performance aircraft, rocket and automobile use, using laser pulses to form metal coatings on glass and quartz, and also tungsten carbide-cobalt nanoparticles using high voltage discharges. A major section of this book is largely devoted to chapters outlining and applying analytic methods needed for studies of nanocomposites. As such, this book will serve as good resource for such analytic methods.
Cvetkovic, Dragan: 3D Printing
English. Inhaltliche Zusammenfassung: This book, 3D Printing, is divided into two parts: the first part is devoted to the relationship between 3D printing and engineering, and the second part shows the impact of 3D printing on the medical sector in general. There are five sections in the first part (sections are dedicated to stereolithography, new techniques of high-resolution 3D printing, application of 3D printers in architecture and civil engineering, the additive production with the metal components and the management of production by using previously mentioned technology in more complex ways). There are four chapters in the second part with the following topics: education of medical staff through surgical simulations, tissue engineering and potential applications of 3D printing in ophthalmology and orthopedics.
⇒ Ausführliche Angaben: HT020309055

Cvetkovic, Dragan: Computer Simulation
English. Inhaltliche Zusammenfassung: The first chapter provides an overview of the development of a novel agent-based simulation model of socio-environmental innovation diffusion. The second chapter shows the study about rendering of colours with three rendering engines. The third and fourth chapters are devoted to modelling clothes at different levels. The fifth chapter describes the modelling of computer simulation in the optimization of bioprocess technology. Chapters 6 and 7 formulate a physical model of deformation of steel and idea of constructing a scientific workshop focused on high-temperature processes. Chapter 8 formulates surrogate models. Chapter 9 shows computer simulation of high-frequency electromagnetic fields. Chapter 10 proposes the modelling of the task allocation problem by the use of Petri Nets. Chapter 11 presents various scenarios whose ranking is done according to defined criteria and weight coefficients.
⇒ Ausführliche Angaben: HT020308289

Cvetkovic, Dragan: Interactive Multimedia - Multimedia Production and Digital Storytelling
English. Inhaltliche Zusammenfassung: Multimedia is the common name for media that combine more than one type of individual medium to create a single unit. Interactive media are the means of communication in which the outputs depend on the inputs made by the user. This book contains 11 chapters that are divided into two sections: Interactive Multimedia and Education and Interactive Multimedia and Medicine. The authors of the chapters deal with different topics within these disciplines, such as the importance of cloud storage, development of play tools for children, use of gaming on multimedia devices designed for the elderly, development of a reading, writing, and spelling program based on Lurias theories, as well as development of mobile applications called BloodHero dedicated to the increase in blood donors, et cetera.
⇒ Ausführliche Angaben: HT020309492

Cvetkovic, Dragan J. / Cakic, Milorad D. / Nikolic, Goran S.: Fourier Transforms - High-tech Application and Current Trends
English. Inhaltliche Zusammenfassung: The main purpose of this book is to provide a modern review about recent advances in Fourier transforms as the most powerful analytical tool for high-tech application in electrical, electronic, and computer engineering, as well as Fourier transform spectral techniques with a wide range of biological, biomedical, biotechnological, pharmaceutical, and nanotechnological applications. The confluence of Fourier transform methods with high tech opens new opportunities for detection and handling of atoms and molecules using nanodevices, with potential for a large variety of scientific and technological applications.
⇒ Ausführliche Angaben: HT020308150
Cvetkovic, Dragan J. / Nikolic, Goran S.: Carotenoids
English. Inhaltliche Zusammenfassung: Carotenoids are one of the most widespread pigment
groups distributed in nature; more than 700 natural carotenoids have been described so far.
These pigments are known for versatile roles they play in living organisms; however, their most
pivotal function is involvement in scavenging of reactive oxygen species and photoprotection.
In the same time, carotenoids as natural pigments with important biological activities, such
as antioxidant and provitamin A activity, have a great potential in the food, feed and phar-
maceutical industries. They can be either extracted from plants and algae or synthesized by
various microorganisms, including bacteria, yeasts, filamentous fungi and microalgae.
⇒ Ausführliche Angaben: HT020308295

Cvetkovic, Dragan: Modeling and Computer Simulation
English. Inhaltliche Zusammenfassung: Computer simulation or a computer model has the
task of simulating the behaviour of an abstract model of a particular system. Computer si-
mulations have become a useful part of mathematical modeling of many natural systems in
physics, quantum mechanics, chemistry, biology, economic systems, psychology, and social
sciences, as well as in the engineering process of new technologies. The authors of the five
chapters have presented various applications of computer simulations as well as their advan-
tages and disadvantages. They describe the process of modeling and its simulation of heat
recovery steam generators, the chronometer detent escapement mechanism, relevant socio-
technical processes with regard to new housing and building law and regional management
⇒ Ausführliche Angaben: HT020309335

Cvetkovic, Dragan: Simulation and Gaming
9789535140832
English. Inhaltliche Zusammenfassung: The book Simulation and Gaming discusses the fol-
lowing topics and research areas: game-based methods of problem solution and data proces-
sing, analysis, and information mining; educational games and game features, including game
characteristics, story, mechanics, and methodology; development of integrated games tasked
with helping students in interpreting, translating, and manipulating the field of kinematics
through formal presentations; possibility of research integration through real and practical
examples and games as well, in the field of physics; analysis of game engines from various
aspects such as modularity, performance, and usability; virtual reality (VR) and interaction
mechanisms used for three-dimensional (3D) game development; analysis, development, de-
sign, implementation, and evaluation of the simulation model in the field of engineering and
metallurgy, according to ADDIE model; concept of computational thinking, with an accent on
its inclusion in compulsory education; overview of the current prominence of AI simulation
based in the gaming leisure industry, mainly for research purposes in the context of gambling
and forecasting of online casino patrons churn behavior; innovative modeling and simulati-
on approach using newly proposed advanced game-based mathematical framework, unified
game-based acquisition framework, and a set of war-gaming engines to address the challenges
for acquisition of future space systems; modification of simulation of a complex system and a
physics model through programming, achieved with a block-based programming language.
⇒ Ausführliche Angaben: HT020308569

Cvetkovic, Dragan: Virtual Learning
9789535141365
English. Inhaltliche Zusammenfassung: The first chapter provides an overview of the popular
systems for distance learning. In the second chapter, a review of all major social and econo-
mic activities in order to improve the system of virtual learning is given. The third chapter
deals with the influence of technology in the management of educational institutions. The
fourth chapter provides an overview of the graphic communication. The fifth chapter confirms
that quality assurance remains an integral and indispensable part of the process of virtual learning. The sixth and seventh chapters are dedicated to health and mutual communication about health problems and causes. The eighth and ninth chapters are dedicated to massive open online courses (MOOC). The tenth chapter refers to the widespread use of virtual reality in industrial environments.

⇒ Ausführliche Angaben: HT020308106

Czerwinski, Frank: Magnesium Alloys - Corrosion and Surface Treatments
English. Inhaltliche Zusammenfassung: A resistance of magnesium alloys to surface degradation is paramount for their applications in automotive, aerospace, consumer electronics and general-purpose markets. An emphasis of this book is on oxidation, corrosion and surface modifications, designed to enhance the alloy surface stability. It covers a nature of oxides grown at elevated temperatures and oxidation characteristics of selected alloys along with elements of general and electrochemical corrosion. Medical applications are considered that explore bio-compatibility of magnesium alloys. Also techniques of surface modifications, designed to improve not only corrosion resistance but also corrosion fatigue, wear and other behaviors, are described. The book represents a valuable resource for scientists and engineers from academia and industry.

⇒ Ausführliche Angaben: HT020307686

Czerwinski, Frank: Magnesium Alloys - Design, Processing and Properties
English. Inhaltliche Zusammenfassung: Scientists and engineers for decades searched to utilize magnesium, known of its low density, for light-weighting in many industrial sectors. This book provides a broad review of recent global developments in theory and practice of modern magnesium alloys. It covers fundamental aspects of alloy strengthening, recrystallization, details of microstructure and a unique role of grain refinement. The theory is linked with elements of alloy design and specific properties, including fatigue and creep resistance. Also technologies of alloy formation and processing, such as sheet rolling, semi-solid forming, welding and joining are considered. An opportunity of creation the metal matrix composite based on magnesium matrix is described along with carbon nanotubes as an effective reinforcement. A mixture of science and technology makes this book very useful for professionals from academia and industry.

⇒ Ausführliche Angaben: HT020307685

Czujko, Tomasz: Structure and Mechanical Properties of Transition Group Metals, Alloys, and Intermetallic Compounds
2019. 1 electronic resource (222 pages). ISBN 9783039211463, ISBN 9783039211470 eng. Inhaltliche Zusammenfassung: The aim of this Special Issue is to present the latest theoretical and experimental achievements concerning the mechanisms of microstructural change in metallic materials subject to different processing methods, and their effect on mechanical properties. It is my pleasure to present a series of compelling scientific papers written by scientists from the community of transition group metals, alloys, and intermetallic compounds.

⇒ Ausführliche Angaben: HT020307385

D’Amato, Luca Colucci / Gentile, Maria Teresa: Astrocyte - Physiology and Pathology
English. Inhaltliche Zusammenfassung: A team of authors from prestigious academic schools contributed to draw up a project that would give a detailed account of astrocytes morphology and physiology, examining thoroughly all the astrocytes types; giving an accurate description of their morphology, location, function in the brain; and illustrating their physiology and pathology in terms of dealing with neurons through gliotransmitters, ionic channels, and membrane receptors expression. This book gives an overview of the crucial role of astrocytes in the physiology of the CNS and in the pathogenesis of several CNS disorders suggesting that the
shift from a neurocentric view to one that incorporates astrocytes in disease models for drug discovery is a critical step in renewing drug development strategies to treat neurodegenerative diseases.

⇒ Ausführliche Angaben: HT020308615

**Dacrema, Eugenio / Talbot, Valeria: REBUILDING SYRIA**

english. Inhaltliche Zusammenfassung: Over the last eight years the Syrian conflict has developed into one of the worst humanitarian tragedies of modern times. More than half a million victims, 5 million refugees abroad and 6 million internally displaced: the figures only capture part of Syria’s catastrophe. In addition, there is the less quantifiable damage to the country’s social fabric. Against this dramatic backdrop, this ISPI Report aims to answer a few crucial questions: how can a country whose society has gone through such traumas and destruction reimagine itself and its future? What conditions would allow those Syrians who were forced to leave their homes to return? And what are the regional and international dynamics and interests that will shape Syria’s future? The Report provides the reader with key tools to understand where Syria is headed and what can be done to avoid the worst scenarios.

⇒ Ausführliche Angaben: HT020309878

**Dadios, Elmer P.: Fuzzy Logic - Controls, Concepts, Theories and Applications**

English. Inhaltliche Zusammenfassung: This book introduces new concepts and theories of Fuzzy Logic Control for the application and development of robotics and intelligent machines. The book consists of nineteen chapters categorized into 1) Robotics and Electrical Machines 2) Intelligent Control Systems with various applications, and 3) New Fuzzy Logic Concepts and Theories. The intended readers of this book are engineers, researchers, and graduate students interested in fuzzy logic control systems.

⇒ Ausführliche Angaben: HT020307893

**Daggett, Cara New: The Birth of Energy**

English. Inhaltliche Zusammenfassung: In The Birth of Energy Cara New Daggett traces the genealogy of contemporary notions of energy back to the nineteenth-century science of thermodynamics to challenge the underlying logic that informs today’s uses of energy. These early resource-based concepts of power first emerged during the Industrial Revolution and were tightly bound to Western capitalist domination and the politics of industrialized work. As Daggett shows, thermodynamics was deployed as an imperial science to govern fossil fuel use, labor, and colonial expansion, in part through a hierarchical ordering of humans and non-humans. By systematically excavating the historical connection between energy and work, Daggett argues that only by transforming the politics of work—most notably, the veneration of waged work—will we be able to confront the Anthropocene’s energy problem. Substituting one source of energy for another will not ensure a habitable planet; rather, the concepts of energy and work themselves must be decoupled.

⇒ Ausführliche Angaben: HT020310052

**Daglar-Sezer, Nilgün: Stiftungen, Zivilgesellschaft und soziale Differenz**


⇒ Ausführliche Angaben: HT020310485

**DAgostino, Alfonso / Barbieri, Luca: Istorietta troiana con le Eroidi gaddiane glossate**
Italian. Inhaltliche Zusammenfassung: Scritta a cavaliere fra Due e Trecento e collocabile sul crinale fra la prosa “media” e quella “d’arte”, l’Istorietta troiana, versione anonima e parziale della terza redazione in prosa del fluviale Roman de Troie di Benoît de Sainte-Maure (circa 1165), narra, con pregnanza emotiva e concisione stilistica, una parte di quella vicenda che s’era venuta costituendo nel Medioevo latino fondando le storie di Darete Frigio e di Ditti Cretese e rivitalizzandole, nel mondo francese, alla luce della sensibilità del secolo XII. Le suggestioni del mito classico, filtrate da un tipico atteggiamento atualizzante, lasciano trapiantare l’aspirazione a ideali di bellezza (Elena), di forza (Achille, Ettore) e di cortesia (la città di Troia) capaci di attirare un pubblico comunale che aspira a un’elevazione educativa e culturale. La filigrana stilnovista e la fine tessitura rítmica fanno, dell’Istorietta troiana, un gioiello ascrivibile, ante litteram, al genere del poème en prose.

⇒ Ausführliche Angaben: HT020310404

**DAmico, Sebastiano: Earthquake Research and Analysis - Seismology, Seismotectonic and Earthquake Geology**
English. Inhaltliche Zusammenfassung: This book is devoted to different aspects of earthquake research. Depending on their magnitude and the placement of the hypocenter, earthquakes have the potential to be very destructive. Given that they can cause significant losses and deaths, it is really important to understand the process and the physics of this phenomenon. This book does not focus on a unique problem in earthquake processes, but spans studies on historical earthquakes and seismology in different tectonic environments, to more applied studies on earthquake geology.

⇒ Ausführliche Angaben: HT020307837

**DAmico, Sebastiano: Earthquake Research and Analysis - Statistical Studies, Observations and Planning**
English. Inhaltliche Zusammenfassung: The study of earthquakes plays a key role in order to minimize human and material losses when they inevitably occur. Chapters in this book will be devoted to various aspects of earthquake research and analysis. The different sections present in the book span from statistical seismology studies, the latest techniques and advances on earthquake precursors and forecasting, as well as, new methods for early detection, data acquisition and interpretation. The topics are tackled from theoretical advances to practical applications.

⇒ Ausführliche Angaben: HT020307871

**Dang-Anh, Mark: Protest twittern – Eine medienlinguistische Untersuchung von Straßenprotesten**

⇒ Ausführliche Angaben: HT020310395

**DAngelo, Edoardo / Bates, David / Houts, Elisabeth: People, Texts and Artefacts: Cultural Transmission in the Medieval Norman Worlds**
eng.
Danquah, Agyemang / Nyaku, Seloame Tatu: Recent Advances in Tomato Breeding and Production
English. Inhaltliche Zusammenfassung: Tomato cultivation is a major economic activity in many countries of the world. Thus, strategic efforts should be directed towards mitigating production constraints that limit overall yields and quality. In addressing some of these constraints, researchers are developing and using varieties of modern and innovative techniques to improve local tomato germplasm, make rapid genetic gains, and breed for varieties with resistance to biotic and abiotic stress. This book focuses on recent advances in genomics and genetic improvement of the tomato crop, and production systems, and center around the following themes: (i) disease and pest management in tomato production, and (ii) breeding tools and improvement of the tomato.

Dar, Mithas Ahmad / Dar, Imran Ahmad: Earth and Environmental Sciences
English. Inhaltliche Zusammenfassung: We are increasingly faced with environmental problems and required to make important decisions. In many cases an understanding of one or more geologic processes is essential to finding the appropriate solution. Earth and Environmental Sciences are by their very nature a dynamic field in which new issues continue to arise and old ones often evolve. The principal aim of this book is to present the reader with a broad overview of Earth and Environmental Sciences. Hopefully, this recent research will provide the reader with a useful foundation for discussing and evaluating specific environmental issues, as well as for developing ideas for problem solving. The book has been divided into nine sections; Geology, Geochemistry, Seismology, Hydrology, Hydrogeology, Mineralogy, Soil, Remote Sensing and Environmental Sciences.

Darji, Pranav H.: Advances in Tribology
English. Inhaltliche Zusammenfassung: In the major field of design and manufacturing of mechanical, production, automobile, and industrial engineering, typical and advance methodologies and processes are implemented for the best performance of product or machinery. Thus, the concept of tribology has come into practice for even better performance. Nowadays, it is very important that the tribological knowledge be implemented at each stage of design and manufacturing to minimize the frictional and wear losses, and ultimately these will serve as best preference for the economical growth of the nation. Currently, tribologists are playing vital role in the same direction. This book contains original and innovative research studies on recent applications of tribology, contributed by the group of selected researchers describing the best of their work. Through its 11 chapters, the reader will have access to work in 3 major areas of tribology. These are surface engineering and coating, friction and wear mechanism, and lubrication technology. The first part of the book from Chapters 1 to 4 deals with the surface treatment and coating through which component life can be improved by reducing wear rate. The second part of the book from Chapters 5 to 7 deals with tribo-testing and tribo-system monitoring for friction and wear mechanism presented with real-life case studies. The third part from Chapters 8 to 11 discusses the advances in lubrication, which also includes the role of nanolubricants and lubrication additives. This book may be of interest to research scholars, academicians, industrialists, professional engineers, and specialists in these related areas and would also be of immense help to various practicing engineers, technologists, managers, and supervisors engaged in the maintenance, operation, and upkeep of different machines, equipments, systems, and plants of various industries.

Darji, Pranav H.: Bearing Technology
In the twenty-first century, bearings are expected to perform better in the form of various operating conditions, that is from low speed to extremely high speed and from low load to huge load applications. The expectations from the field of bearing technology are great. During the recent years, we have been witnessing the development of a new generation of mechanical systems that are highly miniaturized and very sophisticated, yet extremely robust. Technological progress creates increasingly arduous conditions for rolling mechanisms.

⇒ Ausführliche Angaben: HT020308277

Darji, Veera P. / Darji, Pranav H.: Contact and Fracture Mechanics
English. Inhaltsliche Zusammenfassung: This book contains two sections: Chapters 1-7 deal with contact mechanics, and Chapters 8-13 deal with fracture mechanics. The different contributions of this book will cover the various advanced topics of research. It provides some needed background with respect to contact mechanics, fracture mechanics and the use of finite element methods in both. All the covered chapters of this book are of a theoretical and applied nature, suitable for the researchers of engineering, physics, applied mathematics and mechanics with an interest in computer simulation of contact and fracture problems.

⇒ Ausführliche Angaben: HT020308731

Darwish, Atef: Fertility-oriented Female Reproductive Surgery
English. Inhaltsliche Zusammenfassung: In modern practice, the role of female reproductive surgery is declining apparently due to the widespread availability of assisted reproductive technology as an attractive option for infertile couples. To be more precise, prevention of female infertility should be the ultimate goal of all obstetricians and gynecologists during operating on females in the reproductive age. This book concentrates on different issues of fertility preservation both in obstetrics and gynecology. Not a matter of kindly or courtesy, but the core of obstetricians and gynecologists work is to restore normal anatomy and to preserve fertility for all women in the reproductive age.

⇒ Ausführliche Angaben: HT020308131

Darwish, Atef M.: Testes and Ovaries - Functional and Clinical Differences and Similarities
English. Inhaltsliche Zusammenfassung: Male and female reproductive system similarities as well as differences should be taken into consideration by all scientists interested in this field. Some embryological, anatomical, histological, and clinical examples are addressed in this book. The message of the book is to increase orientation of all scientists interested in the field of similar and dissimilar issues in males and females. Reading this book will lead to a better understanding of management of both sexes, and the understanding of infertility that will hopefully reduce the effort, the time, the psychological, and the financial burden of the infertile couple and the society at large.

⇒ Ausführliche Angaben: HT020308516

Das, Narottam: Nanostructured Solar Cells
English. Inhaltsliche Zusammenfassung: Nanostructured solar cells are very important in renewable energy sector as well as in environmental aspects, because it is environment friendly. The nano-grating structures (such as triangular or conical shaped) have a gradual change in refractive index which acts as a multilayer antireflective coating that is leading to reduced light reflection losses over broadband ranges of wavelength and angle of incidence. There are different types of losses in solar cells that always reduce the conversion efficiency, but the light reflection loss is the most important factor that decreases the conversion efficiency of solar cells significantly. The antireflective coating is an optical coating which is applied to
the surface of lenses or any optical devices to reduce the light reflection losses. This coating assists for the light trapping capturing capacity or improves the efficiency of optical devices, such as lenses or solar cells. Hence, the multilayer antireflective coatings can reduce the light reflection losses and increases the conversion efficiency of nanostructured solar cells.

⇒ Ausführliche Angaben: HT020308161

**Daugbjerg, Mads / Eckersley, Susannah / Bozoglu, Gönül: Chapter 9 Who is Europe?**
English. Inhaltliche Zusammenfassung: This chapter is a set of accounts of the film Who is Europe? It is a conversation between the filmmaker and the editors of this book, some of whom were directly involved in the filmmaking too. It is a good idea to watch the film before reading on. It is available at https://vimeo.com/303706985.

⇒ Ausführliche Angaben: HT020307660

**Davies, Matthew / Galloway, James A.: London and beyond: Essays in honour of Derek Keene**
eng. Inhaltliche Zusammenfassung: This volume contains selected papers from a major conference held in October 2008 to celebrate the 20th anniversary of the setting up of the Centre for Metropolitan History at the IHR, and the contribution of Professor Derek Keene to the Centre, the IHR and the wider world of scholarship.

⇒ Ausführliche Angaben: HT020309730

**Davies, Matthew: Medieval Merchants and Money: Essays in Honour of James L. Bolton**
eng. Inhaltliche Zusammenfassung: This volume contains selected essays in celebration of the scholarship of the medieval historian Professor James L. Bolton. The essays address a number of different questions in medieval economic and social history, as the volume looks at the activities of merchants, their trade, legal interactions and identities, and on the importance of money and credit in the rural and urban economies. Other essays look more widely at patterns of immigration to London, trade and royal policy, and the role that merchants played in the Hundred Years War.

⇒ Ausführliche Angaben: HT020309731

**Daviron, Benoit / Allaire, Gilles: Transformations agricoles et agroalimentaires**
French. Inhaltliche Zusammenfassung: This work provides a synthesis of recent research on the evolution of agriculture and food in a capitalist system. It is based on approaches not well-known in France such as international political economy and ecological economy. It studies agricultural processing in terms of ecology, history and geopolitics and traces specific aspects of agriculture and food in the 21st century. Lastly, it proposes theoretical approaches with a view to renewing the agricultural economy.

⇒ Ausführliche Angaben: HT020310376

**Davis, Deborah / Siu, Helen F.: Sars**
English. Inhaltliche Zusammenfassung: SARS (Acute Respiratory Syndrome) first presented itself to the global medical community as a case of atypical pneumonia in one small Chinese village in November 2002. Three months later the mysterious illness rapidly spread and appeared in Vietnam, Hong Kong, Toronto and then Singapore. The high fatality rate and sheer speed at which this disease spread prompted the World Health Organization to initiate a medieval practice of quarantine in the absence of any scientific knowledge of the disease. Now three years on from the initial outbreak, SARS poses no major threat and has vanished from
the global media. Written by a team of contributors from a wide variety of disciplines, this book investigates the rise and subsequent decline of SARS in Hong Kong, mainland China and Taiwan. Multidisciplinary in its approach, SARS explores the epidemic from the perspectives of cultural geography, media studies and popular culture, and raises a number of important issues such as the political fate of the new democracy, spatial governance and spatial security, public health policy making, public culture formation, the role the media play in social crisis, and above all the special relations between the three countries in the context of globalization and crisis. It provides new and profound insights into what is still a highly topical issue in today's world.

⇒ Ausführliche Angaben: HT020310145

de Brito, Jorge / Poon, Chi Sun / Zhan, Baojian: New Trends in Recycled Aggregate Concrete
2019. 1 electronic resource (280 pages). ISBN 9783039211401, ISBN 9783039211418 eng. Inhaltliche Zusammenfassung: This book is the result of a Special Issue published in Applied Sciences, entitled "New Trends in Recycled Aggregate Concrete. It identifies emerging research areas within the field of recycled aggregate concrete and contributes to the increased use of this eco-efficient material. Its contents are organised in the following sections: Upscaling the use of recycled aggregate concrete in structural design; Large scale applications of recycled aggregate concrete; Long-term behaviour of recycled aggregate concrete; Performance of recycled aggregate concrete in very aggressive environments; Reliability of recycled aggregate concrete structures; Life cycle assessment of recycled aggregate concrete; New applications of recycled aggregate concrete.

⇒ Ausführliche Angaben: HT020307397

de la Hera, Teresa: Digital Gaming and the Advertising Landscape
2019. 1 electronic resource (209 pages). ISBN 9789048538676 English. Inhaltliche Zusammenfassung: The evolution of the game industry and changes in the advertising landscape in recent years have led to a keen interest of marketers in using digital games for advertising purposes. However, despite the increasing interest in this marketing strategy, the potential of digital games as a medium to convey advertising messages remains unexploited. *Digital Gaming and the Advertising Landscape* explores the different ways advertising messages can be embedded within digital games. An interdisciplinary approach is used to help explain how persuasive communication works within digital games. It does so by forging new links within the area of game studies where the emphasis of this book clearly lies, while also taking up new subjects such as design theories and their relation to games as well as how this relationship may be used in a practical context.

⇒ Ausführliche Angaben: HT020309902

De Ribaupierre, Anik / Lecerf, Thierry: Cognitive Development and Individual Variability
2019. 1 electronic resource (158 pages). ISBN 9783039210527, ISBN 9783039210534 eng. Inhaltliche Zusammenfassung: The standard approach to cognitive development most frequently consists of cross-sectional studies comparing different ages and groups while restricted to a single task. The necessity to focus on the individual in an idiographic perspective, rather than on the task or the variable, has been repeatedly emphasized, most recently in several very important papers by Nesselroade and Molenaar. Variability has also emerged as a crucial characteristic. Moreover, understanding the developmental construction of a given cognitive achievement is imperative to understanding cognitive functioning in adulthood. The general objective of this book is to focus on the individual by studying intraindividual and interindividual variability in various cognitive tasks, that is, intraindividual variability across items of a given task (inconsistency), across various cognitive tasks (dispersion), and/or across years (intraindividual change), and of course, on interindividual differences in intraindividual variability. This book presents empirical studies that have been conducted by research groups in Europe and in North America, prominent in the field of variability and development or methodology. The 26 authors/co-authors include senior authors such as Lautrey, Schmiedek, Dauvier, van der Maas, Ghisletta, Stawski, MacDonald, and de Ribaupierre.
de Soysa, Indra / Auty, Richard: Energy, Wealth and Governance in the Caucasus and Central Asia
English. Inhaltliche Zusammenfassung: Drawing upon recent progress in development economics and political science, the book provides fresh analysis of the Caucasus and Central Asia (CCA) countries transition to a market economy by tracing the impact of natural resource endowment. The book examines the synergies between energy-rich and energy-poor states and highlights the practical consequences of both well-managed and poorly-managed deployment of energy. Featuring contributions from prominent specialists on resource-driven economies, the book argues that unless CCA elites change the way in which they deploy natural resource, revenues regional development will fall short of its potential with possible disastrous consequences. The contributors apply the experience of the developing market economies to demonstrate that the region still holds considerable potential to become an important, stable supplier of raw materials and a source of industrial demand to the global economy. However, the CCA is equally likely to become a threat to the global economy as a consequence of the misuse of energy revenues to promote the interests of predatory political elites.

⇒ Ausführliche Angaben: HT020310265

de Vries, Imar / Raessens, Joost / de Lange, Michiel: The Playful Citizen: Civic Engagement in a Mediatized Culture
English. Inhaltliche Zusammenfassung: This edited volume collects current research by academics and practitioners on playful citizen participation through digital media technologies. With the emergence of digital and mobile technologies our conceptions and hopes of what citizen participation entails have changed profoundly. Interactive, networked and affordable technologies have transformed the relationship between knowledge, creativity and power. Citizens use media technologies in playful ways to engage in creative knowledge production and to alter professional roles and power structures. This book, available in Open Access, provides an overview of the potentials and limitations of citizens engagement in the digital age through a collection of chapters from various academic fields. What connects these contributions is a focus on what we call playful participation. It is through this ludic engagement, we argue, that the contemporary production of knowledge and creative interventions in journalism, research, activism, art, politics, city making, and many other areas, should be understood. The book editors hold positions at Universities in the Netherlands (Utrecht University) and the UK (University of Warwick). They have published widely about digital media technologies, play, and identity.

⇒ Ausführliche Angaben: HT020309809

De Vries, Imar: Tantalisingly Close: An Archaeology of Communication Desires in Discourses of Mobile Wireless Media
English. Inhaltliche Zusammenfassung: In this important new study, Imar de Vries take a historical and comparative approach in researching our intimate relationship with present-day mobile wireless technologies. By analyzing the full range of human expectations and behavior in regard to mobile devices, de Vries looks at how wireless gadgets have changed our ideas about communication, while at the same time he demonstrates how modern technology surprisingly repeats the patterns of older media. Applying a far-reaching and archaeological perspective to communication media, Tantalisingly Close looks at human desire to connect and the way that it has both shaped and been shaped by technology, past and present.

⇒ Ausführliche Angaben: HT020309825

de Vries, Mark / Ott, Dennis / Kluck, Marlies: Parenthesis and Ellipsis: Cross-Linguistic and Theoretical Perspectives
Debnath, Samir: Berry Crop Production and Protection
Eng. Inhaltliche Zusammenfassung: Berry crops include, but are not limited to, the genera: Fragaria (strawberry, Rosaceae), Ribes (currant and gooseberry, Grossulariaceae), Rubus (brambles: raspberry and blackberry; Rosaceae), Vaccinium (blueberry, cranberry and lingonberry; Ericaceae) and Vitis (grapes, Vitaceae). The significant role of these fruits in maintaining human health has increased their popularity and production, dramatically, across the world. This Special Issue of Agronomy covers berry crops in the areas of breeding, genetics, germplasm, production systems, propagation, plant and soil nutrition, pest and disease management, postharvest, health benefits, marketing and economics and other related areas. The aim will be to bring together a collection of valuable articles that will serve as a foundation of innovative ideas for production and protection of health-promoting berry crops in changed environment.
⇒ Ausführliche Angaben: HT020307370

Debska-Slizien, Maria Alicja / Daca, Agnieszka / Jarzembowski, Tomas: Urinary Tract Infection - The Result of the Strength of the Pathogen, or the Weakness of the Host
English. Inhaltliche Zusammenfassung: Urinary tract infection (UTI) is a problem so common and so significant in routine clinical practice that accurate diagnostics are especially important. In particular, complicated UTI is associated with an increased rate of therapy failures, as a result of possible biofilm formation on foreign elements and antibiotic resistance, as well as the increased possibility of an infection recurrence. These are the arguments for the constant search for novel diagnostic tools and techniques. These and many other vital topics regarding UTI complications, management, and treatment, in addition to antibiotic resistance and bacterial virulence traits allowing us to mitigate or avoid antibiotic action, are presented in this book.
⇒ Ausführliche Angaben: HT020308799

Decharneux, Baudouin / Nefontaine, Luc / Segall, Michael: Le marquis de Gages (1739-1787)
⇒ Ausführliche Angaben: HT020309748

DeGraw, Sharon: The Subject of Race in American Science Fiction
English. Inhaltliche Zusammenfassung: While the connections between science fiction and race have largely been neglected by scholars, racial identity is a key element of the subjectivity constructed in American SF. In his Mars series, Edgar Rice Burroughs primarily supported essentialist constructions of racial identity, but also included a few elements of racial egalitarianism. Writing in the 1930s, George S. Schuyler revised Burroughs normative SF triangle of white author, white audience, and white protagonist and promoted an individualistic, highly variable concept of race instead. While both Burroughs and Schuyler wrote SF focusing on racial identity, the largely separate genres of science fiction and African American literature prevented the similarities between the two authors from being adequately acknowledged.
and explored. Beginning in the 1960s, Samuel R. Delany more fully joined SF and African American literature. Delany expands on Schuyler’s racial constructionist approach to identity, including gender and sexuality in addition to race. Critically intertwining the genres of SF and African American literature allows a critique of the racism in the science fiction and a more accurate and positive portrayal of the scientific connections in the African American literature. Connecting the popular fiction of Burroughs, the controversial career of Schuyler, and the postmodern texts of Delany illuminates a gradual change from a stable, essentialist construction of racial identity at the turn of the century to the variable, social construction of poststructuralist subjectivity today.

⇒ Ausführliche Angaben: HT020310088

Dehio, G.: Was wird aus dem Heidelberger Schloß werden?
1901. 1 electronic resource (15 pages). ISBN 9783111457550
German.
⇒ Ausführliche Angaben: HT020309937

Dekle, Robert: Understanding Japanese Savings
English. Inhaltliche Zusammenfassung: Japans savings are among the highest in the world, and these high rates have played a valuable role throughout the post-war period. However, over the next several decades, Japans population will be ageing rapidly. Will this lower Japanese savings rates? Using up-to-date financial and demographical data, author Robert Dekle finds that the answer to this question is an emphatic yes. Understanding Japanese Saving holds key lessons for Western nations undergoing similar demographic transformations as well as developing countries looking to establish public savings institutions.
⇒ Ausführliche Angaben: HT020310071

Dekoulis, George: Drones - Applications
English. Inhaltliche Zusammenfassung: Drone technologies have constantly been developing for over 100 years. The latest models exhibit a previously unseen set of specifications available to the end users. The collective effort of distinguished international researchers, within the field of drone technologies, has been incorporated into this textbook suitable to the broader audience. The book has been edited by Prof. George Dekoulis, Aerospace Engineering Institute (AEI), Cyprus, an expert on state-of-the-art implementations of reconfigurable space engineering systems. The book consists of four main sections, namely, Introduction, Drone History, Drone Design, and Drone Applications. We hope this book will be beneficial to professionals, researchers, and academicians and, moreover, to inspire the younger generations into pursuing relevant academic studies and professional careers within the drone industry.
⇒ Ausführliche Angaben: HT020308781

Dekoulis, George: Field - Programmable Gate Array
English. Inhaltliche Zusammenfassung: This edited volume Field-Programmable Gate Array is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field of semiconductors. The book comprises single chapters authored by various researchers and edited by an expert active in the aerospace engineering systems research area. All chapters are complete within themselves but united under a common research study topic. This publication aims at providing a thorough overview of the latest research efforts by international authors and open new possible research paths for further novel developments.
⇒ Ausführliche Angaben: HT020308275

Dekoulis, George: Robotics - Legal, Ethical and Socioeconomic Impacts
English. Inhaltliche Zusammenfassung: This book analyses the legal, ethical and social
aspects of using deep-learning AI robotic products. The collective effort of distinguished international researchers has been incorporated into one book suitable for the broader audience interested in the emerging scientific field of roboethics. The book has been edited by Prof. George Dekoulis, Aerospace Engineering Institute, Cyprus, expert on state-of-the-art implementations of robotic systems for unmanned spacecraft navigation and other aerospace applications. We hope this book will increase the sensitivity of all the community members involved with roboethics. The significance of incorporating all aspects of roboethics right at the beginning of the creation of a new deep-learning AI robot is emphasised and analysed throughout the book. AI robotic systems offer an unprecedented set of virtues to the society. However, the principles of roboethical design and operation of deep-learning AI robots must be strictly legislated, the manufacturers should apply the laws and the knowledge development of the AI robots should be closely monitored after sales. This will minimise the drawbacks of implementing such intelligent technological solutions. These devices are a representation of ourselves and form communities like us. Learning from them is also a way to improve ourselves.

⇒ Ausführliche Angaben: HT020308500

Dekoulis, George: Space Flight
English. Inhaltliche Zusammenfassung: Space has always been intriguing peoples imagination. However, space flight has only been feasible over the last 60 years. The collective effort of distinguished international researchers, within the field of space flight, has been incorporated into this book suitable to the broader audience. The book has been edited by Prof. George Dekoulis, Aerospace Engineering Institute (AEI), Cyprus, an expert on the state-of-the-art implementations of reconfigurable space physics systems. The book consists of six sections, namely, Introduction, Spacecraft Simulators, Spacecraft Navigation, Spacecraft Propulsion, Suborbital Flight, and Deep-Space Flight. We hope that this book will be beneficial for professionals, researchers, and academicians and inspires the younger generations into pursuing relevant academic studies and professional careers within the space industry.

⇒ Ausführliche Angaben: HT020308778

Delanty, Gerard: Europe and Asia beyond East and West
English. Inhaltliche Zusammenfassung: This major new book tackles key questions on Europe in the context of shifting parameters of East and West. The contributors - sociologists, anthropologists, philosophers and historians - show, from a variety of different perspectives, that the conventional equation of Europe with the West must be questioned. Featuring four thematically organized chapters, the book looks at: a post-Western world Asia in Europe: encounters in history between Europe and Asia otherness in Europe and Asia. Exploring new expressions of European self-understanding in a way that challenges recent ideological notions of the ‘clash of civilizations’, this outstanding work draws on recent scholarship that shows how Europe and Asia were mutually linked in history and in contemporary perspective. It argues that as a result of current developments and the changing geopolitical context, both Europe and Asia have much in common and that it is possible to speak of cosmopolitan links rather than clashes. This book will be of great value to students and researchers in the fields of sociology, European politics and history and cultural theory.

⇒ Ausführliche Angaben: HT020310258

Delbrück, Berthold: Synkretismus. Ein Beitrag zur germanischen Kasuslehre
German.

⇒ Ausführliche Angaben: HT020309938

Delhey, Jan / Lübke, Christane: Diagnose Angstgesellschaft?

⇒ Ausführliche Angaben: HT020307362

Delic, Zlatan: Epistemology and Transformation of Knowledge in Global Age
English. Inhaltliche Zusammenfassung: This book consists of seven chapters containing multiple questions of the global socially epistemological situation in science and higher education. Despite the progress of techno-sciences, we are facing blind flaws in leading systems of knowledge and perception. The global era, in a paradox way, connects the new knowledge of economics, postpolities, postdemocracy, and biopolitical regulation of live and unrepresentable forms of the global geo-located violence. Techno-optimism and techno-dictatorship in the twenty-first century coincide with the ideology of market, biopolitics of mandatory satisfaction, religious revivalism, and collapse of higher education. In order for sciences to recover, it is necessary to make a globally epistemological and moral turn toward the truth. The book shows that, when joint desires of the new economics of knowledge and technology erase epistemology (in a way to assign definitions of knowledge and rules and practices of the public usage of the mind), then the time for epistemology is on its way.

⇒ Ausführliche Angaben: HT020308370

Deliyannis, Ioannis: The Future of Television - Convergence of Content and Technology
English. Inhaltliche Zusammenfassung: This book presents a collection of chapters that focus on the convergence of television today, approached using an interdisciplinary perspective. Clearly, the importance of technological advances describes only one aspect of this evolutionary process. In this book, convergence is also examined from other equally important perspectives, which include a historical case study on convergence and culture-viewer evolution and the changes that interactivity has introduced as opposed to static content. Because this publication focuses on all aspects that transform the medium, users, content, broadcasting, and interactive technology, it becomes evident that convergence is a highly interdisciplinary subject that must always be addressed from various perspectives.

⇒ Ausführliche Angaben: HT020309291

Dellmann, Sarah: Images of Dutchness: Popular Visual Culture, Early Cinema and the Emergence of a National Cliché
English. Inhaltliche Zusammenfassung: Why do early films present the Netherlands as a country full of canals and windmills, where people wear traditional costumes and wooden shoes, while industries and modern urban life are all but absent? Where do such visual clichés come from? This study investigates the roots of this imagery in popular visual media ranging from magazines to tourist brochures, from anthropological treatises to advertising trade cards, stereoscopic photographs, picture postcards, magic lantern slide sets and films of early cinema. The book provides an in-depth study of this rich and fascinating corpus of popular visual media that has not been studied before, and the discourses that these images were meant to illustrate. This intermedial approach offers new insights into the emergence of national clichés and the study of stereotypical thinking.

⇒ Ausführliche Angaben: HT020309812
Delwit, Pascal / Salles, Jean-Paul / Persico, Simon: Les partis politiques en France
⇒ Ausführliche Angaben: HT020309713

den Kamp, Claudy Op: The Greatest Films Never Seen: The Film Archive and the Copyright Smokescreen
English. Inhaltliche Zusammenfassung: Orphan works, or artworks for which no copyright holder is traceable, pose a growing problem for museums, archives, and other heritage institutions. As they come under more and more pressure to digitize and share their archives, they are often hampered by the uncertain rights status of items in their collections. This book uses the prism of copyright to reconsider human agency and the politics of the archive, and asks what the practical implications are for educational institutions, the creative industries, and the general public.
⇒ Ausführliche Angaben: HT020309815

Deng, Fuhu / Zhao, Yang / Ding, Yi: Data Service Outsourcing and Privacy Protection in Mobile Internet
English. Inhaltliche Zusammenfassung: Mobile internet data has the characteristics of large scale, variety of patterns, and complex association. On the one hand, it needs an efficient data processing model to provide support for data services, and, on the other hand, it needs certain computing resources to provide data security services. Due to the limited resources of mobile terminals, it is impossible to complete large-scale data computation and storage. However, outsourcing to third parties may cause risks in user privacy protection. This monograph focuses on key technologies of data service outsourcing and privacy protection, including the existing methods of data analysis and processing, fine-grained data access control through effective user privacy protection mechanisms, and data sharing in the mobile internet.
⇒ Ausführliche Angaben: HT020309107

Deng, Kent G.: Globalization - Today, Tomorrow
English. Inhaltliche Zusammenfassung: This is a collective volume on present-day globalisation with nine chapters from authors of several academic disciplines. It covers wide aspects, ranging from the nature, impact, challenges and implications of globalisation to responses from a country or community when facing globalisation today or tomorrow. Policy suggestions are also made. This book will hence help the reader to understand the currently debated issues.
⇒ Ausführliche Angaben: HT020307680
Denninger, Erhard: Verfassungsrechtliche Fragen des Ausstiegs aus der Nutzung der Kernenergie zur Stromerzeugung
⇒ Ausführliche Angaben: HT020309685

Derbel, Fethi: Hernia
English. Inhaltliche Zusammenfassung: We are very pleased to provide you with this book dealing with hernia surgery. The chapters in the book are written by surgeons, radiologists, anatomists, and pediatric surgeons from different hospitals in Turkey, the USA, Kingdom of Saudi Arabia, Egypt, China, Hungary, and Croatia. Together with basic surgical principles, the unique local experiences and perspectives are presented. Although it does not cover all the aspects related to the hernia surgery, it is intended for at least two kinds of readers: - Residents of intermediate and advanced courses in medicine; - General surgeons, radiologists, pediatric surgeons, and all doctors, no matter the specialization.
⇒ Ausführliche Angaben: HT020308405

Derby, Matthew: Full Metal Jhacket
English. Inhaltliche Zusammenfassung: Following his celebrated debut collection Super Flat Times, Matthew Derby delivers a disturbing new set of stories that plunges us into a lonely heartland of misfits, outcasts, and would-be assassins who lurk in the shadows, searching for connection and meaning in all the wrong places.
⇒ Ausführliche Angaben: HT020310337

Dergin, Gühan / Aybar, Buket / Emes, Yusuf: Temporomandibular Joint Pathology - Current Approaches and Understanding
English. Inhaltliche Zusammenfassung: Dental practitioners face a large number of patients seeking help for pain and loss of function in their temporomandibular joint and related structures. This book consists of eight chapters by authors who would like to share their experiences and researches on pathological conditions related to the temporomandibular joint. The chapters mainly focus on disorders, diseases, and entities while shedding light on the diagnostic methods and management modalities.
⇒ Ausführliche Angaben: HT020308595

Desai, Manali: State Formation and Radical Democracy in India
English. Inhaltliche Zusammenfassung: State Formation and Radical Democracy in India analyzes one of the most important cases of developmental change in the twentieth century, namely, Kerala in southern India and begs the question of whether insurgency among the marginalized poor can use formal representative democracy to create better life chances. Going back to pre-independence, colonial India, Manali Desai takes a long historical view of
Kerala and compares it with the state of West Bengal, which like Kerala has been ruled by leftists but has not had the same degree of success in raising equal access to welfare, literacy, and basic subsistence. This comparison brings the role of left party formation and its mode of insertion in civil society to the fore, raising the question of what kinds of parties can effect the most substantive anti-poverty reforms within a vibrant democracy. This book offers a new, historically based explanation for Kerala’s post-independence political and economic direction.

⇒ Ausführliche Angaben: HT020310133

Dev, Vas / Manguin, Sylvie: Towards Malaria Elimination - A Leap Forward
English. Inhaltszusammenfassung: Towards Malaria Elimination - A Leap Forward was started to mark the occasion for renewed commitment to end malaria transmission for good (the WHO’s call for Malaria Free World by 2030). This book is dedicated for the benefit of researchers, scientists, program and policy managers, students and anyone interested in malaria and other mosquito-borne diseases with the goal of sharing recent information on success stories, innovative control approaches and challenges in different regions of the world. Some main issues that emerged included multidrug-resistant malaria and pandemic risk, vaccines, cross-border malaria, asymptomatic parasite reservoir, the threat of Plasmodium vivax and Plasmodium knowlesi, insecticide resistance in Anopheles vectors and outdoor malaria transmission. This book is one little step forward to bring together in 17 chapters the experiences of malaria-expert researchers from five continents to present updated information on disease epidemiology and control at the national/regional level, highlighting the constraints, challenges, accomplishments and prospects of malaria elimination.

⇒ Ausführliche Angaben: HT020308869

Dey, Subrata: Advances in Research on Down Syndrome
English. Inhaltszusammenfassung: This book provides a concise yet comprehensive source of current information on Down syndrome. It focuses on exciting areas of research on chromosome editing, neurogenomics and diseases associated with Down syndrome. Research workers, scientists, medical graduates and physicians will find this book as an excellent source for consultation and references. Key features of this book are chromosome engineering in Down syndrome, mental retardation and cognitive disability, prenatal diagnosis and diseases associated with Down syndrome. Although aimed primarily for research workers on Down syndrome, we hope that the appeal of this book will extend beyond the narrow confines of academic interest and be exciting to wider audience, especially parents, relatives and health care providers who work with infants and children with Down syndrome.

⇒ Ausführliche Angaben: HT020308554

Dhingra, Neelima / Arora, Poonam: Cyclodextrin - A Versatile Ingredient
English. Inhaltszusammenfassung: The book is devoted to the highly versatile and potential ingredient Cyclodextrin, a family of cyclic oligosaccharides composed of -(1,4)-linked glucopyranose subunits. Its molecular complexation phenomena and negligible cytotoxic effects attribute toward its application such as in pharmaceuticals, cosmetics, food, agriculture, textile, separation process, analytical methods, catalysis, environment protection, and diagnostics. Efforts have also been made to concentrate on recent research outcomes along with future prospects of cyclodextrins to attract the interest of scientists from the industry and academia. The contributions of the authors are greatly acknowledged, without which this compilation would not have been possible.

⇒ Ausführliche Angaben: HT020308653

Diagre-Vanderpelen, Denis / Galand, Michèle / Vanden Eynde, Jean-Louis: La promenade au tournant des XVIIIe et XIXe siècles (Belgique
- France - Angleterre)
French|English. Inhaltliche Zusammenfassung: Se promener, c'est-à-dire se déplacer d'un lieu à un autre pour le plaisir, est une pratique qui, en Europe, se développe surtout à partir du XVIIIe siècle. L'essor de la promenade est un phénomène culturel qui est à la fois lié à l'évolution des modes de déplacement, au développement des loisirs, à la demande de nouveaux modes de sociabilité, à l'essor économique et scientifique, ainsi qu'aux grands chantiers d'embellissement des villes. Cet ouvrage a pour objectif d'explorer cette histoire de la pratique de la promenade au tournant des XVIIIe et XIXe siècles en Belgique, en France, en Angleterre et en Allemagne.
⇒ Ausführliche Angaben: HT020309794

Díaz, Antonio Valero / García-Gimeno, Rosa María: Descriptive Food Science
English. Inhaltliche Zusammenfassung: Deep knowledge of the chemical composition, nutrients, physical properties, toxicology, and microbiological composition of food allows for the production of safe, high-quality foods. This knowledge is fundamental when producing, preserving, manipulating, and distributing food substances, especially to reduce the risks to consumer health. The full extent of the effects on the composition of foods treated by new technologies is still unknown and it must be considered to guarantee that food is produced safely. Descriptive Food Science gives an in-depth insight into this field. Section 1 focuses on the quality of various foods and Section 2 centers on how different technological treatments affect the quality of food.
⇒ Ausführliche Angaben: HT020309133

Dibazar, Pedram / Naeff, Judith: Visualizing the Street: New Practices of Documenting, Navigating and Imagining the City
English. Inhaltliche Zusammenfassung: From user generated images of street protests in Istanbul and Hong Kong, to professional architectural renderings of future streets, to GPS-tracked walks in London and Amsterdam, and the visualisation of Sydney's urban change via social media, this collection of essays analyses new practices of how we visualise the street. Today, new technologies allow everyone who carries a smartphone to play an increasingly significant role in the production, editing, and circulation of images and such a technological development has constructed new imaginaries of the street and has had a significant impact on the ways in which contemporary streets are understood, documented, navigated, mediated, and visualised. Visualizing the Street investigates the social and cultural significance of these new developments at the intersection of visual culture and urban space. The interdisciplinary essays provide new concepts, theories, and research methods that combine close analyses of street images with the study of the practices of their production, circulation, and ultimate consumption.
⇒ Ausführliche Angaben: HT020309811

Dichio, Giuseppe Montanaro andBartolomeo: Advances in Selected Plant Physiology Aspects
English. Inhaltliche Zusammenfassung: The book provides general principles and new insights of some plant physiology aspects covering abiotic stress, plant water relations, mineral nutrition and reproduction. Plant response to reduced water availability and other abiotic stress (e.g. metals) have been analysed through changes in water absorption and transport mechanisms, as well as by molecular and genetic approach. A relatively new aspects of fruit nutrition are presented in order to provide the basis for the improvement of some fruit quality traits. The involvement of hormones, nutritional and proteomic plant profiles together with some structure/function of sexual components have also been addressed. Written by leading scientists from around the world it may serve as source of methods, theories, ideas and tools for students, researchers and experts in that areas of plant physiology.
Dickel, Sascha: Prototyping Society
German. Inhaltliche Zusammenfassung: Prototypes migrate from the workshops to society. They are no longer considered deficient because of incomplete objects. Rather, it is through the design of the material provisional that the social day after tomorrow is shaped and technologised. The production and reception of these artefacts is transformed from an exclusive expert activity to a public social practice: Prototypes are produced in publicly accessible Makerspaces and celebrated in urban event formats. Sascha Dickel shows that this can also be accompanied by a new form of criticism that does not oppose the technologization of the social, but opens up ways to design alternative futures in a technologically integrated world.
⇒ Ausführliche Angaben: HT020309578

Dietrich, Christoph F.: Ultrasound Elastography
eng. Inhaltliche Zusammenfassung: The comparison between methods, evaluation of portal hypertension and many other questions are still open issues in liver elastography. New elastographic applications are under evaluation and close to being used in clinical practice. Strain imaging has been incorporated into many disciplines and EFSUMB guidelines are under preparation. More research is necessary for improved evidence for clinical applications in daily practice. The Special Issue published papers on recent advances in development and application of Ultrasound Elastography.
⇒ Ausführliche Angaben: HT020307376

Dietrich, Rainer / Bode, Christoph: Future Narratives: Theory, Poetics, and Media-Historical Moment
English. Inhaltliche Zusammenfassung: This head volume of the ´Narrating Futures´ series defines and identifies Future Narratives. It parses their characteristic features and aims at an abstract classification of the whole corpus, irrespective of its concrete manifestations across the media. Drawing on different theorems and approaches, it offers a unified theory and a poetics of Future Narratives. Locating the media-historical moment of their emergence, this volume paves the way for the following volumes, which deal with how Future Narratives are refracted through different media.
⇒ Ausführliche Angaben: HT020307649

Díez-Pascual, Ana / Cinelli, Patrizia: Synthesis and Applications of Biopolymer Composites
eng. Inhaltliche Zusammenfassung: This book, as a collection of 17 research articles, provides a selection of the most recent advances in the synthesis, characterization, and applications of environmentally friendly and biodegradable biopolymer composites and nanocomposites. Recently, the demand has been growing for a clean and pollution-free environment and an evident target regarding the minimization of fossil fuel usage. Therefore, much attention has been focused on research to replace petroleum-based commodity plastics by biodegradable materials arising from biological and renewable resources. Biopolymers-polymers produced from natural sources either chemically from a biological material or biosynthesized by living organisms—are suitable alternatives for addressing these issues due to their outstanding properties, including good barrier performance, biodegradation ability, and low weight. However, they generally possess poor mechanical properties, a short fatigue life, low chemical resistance, poor long-term durability, and limited processing capability. In order to overcome these deficiencies, biopolymers can be reinforced with fillers or nanofillers (with at least one of their dimensions in the nanometer range). Bionanocomposites are advantageous for a wide range of applications, such as in medicine, pharmaceutics, cosmetics, food packaging, agriculture, forestry, electronics, transport, construction, and many more.
⇒ Ausführliche Angaben: HT020307407
Díez-Pascual, Ana: Nanoparticle-Reinforced Polymers

eng. Inhaltliche Zusammenfassung: This book, a collection of 12 original contributions and 4 reviews, provides a selection of the most recent advances in the preparation, characterization, and applications of polymeric nanocomposites comprising nanoparticles. The concept of nanoparticle-reinforced polymers came about three decades ago, following the outstanding discovery of fullerenes and carbon nanotubes. One of the main ideas behind this approach is to improve the matrix mechanical performance. The nanoparticles exhibit higher specific surface area, surface energy, and density compared to microparticles and, hence, lower nanofiller concentrations are needed to attain properties comparable to, or even better than, those obtained by conventional microfiller loadings, which facilitates processing and minimizes the increase in composite weight. The addition of nanoparticles into different polymer matrices opens up an important research area in the field of composite materials. Moreover, many different types of inorganic nanoparticles, such as quantum dots, metal oxides, and ceramic and metallic nanoparticles, have been incorporated into polymers for their application in a wide range of fields, ranging from medicine to photovoltaics, packaging, and structural applications.

⇒ Ausführliche Angaben: HT020307406

Dimitrios, Boskou: Olive Oil - Constituents, Quality, Health Properties and Bioconversions

English. Inhaltliche Zusammenfassung: The health-promoting effects attributed to olive oil, and the development of the olive oil industry have intensified the quest for new information, stimulating wide areas of research. This book is a source of recently accumulated information. It covers a broad range of topics from chemistry, technology, and quality assessment, to bioavailability and function of important molecules, recovery of bioactive compounds, preparation of olive oil-based functional products, and identification of novel pharmacological targets for the prevention and treatment of certain diseases.

⇒ Ausführliche Angaben: HT020307835

Dimitrios, Kalpaxis / Safos, George K. / Nikolopoulos, Dimitrios D.: Cartilage Tissue Engineering and Regeneration Techniques

English. Inhaltliche Zusammenfassung: Osteochondral defects can be challenging to treat, first, because the damaged articular cartilage has a poor intrinsic reparative capability, and second, because these defects cause chronic pain and serious disability. That is why cartilage repair remains one of the most challenging issues of musculoskeletal medicine. Arthroscopic and open techniques that have been developed over the last two decades intend to promote the success of complete repair of the articular cartilage defects; nevertheless, these therapies cannot always offer 100% success. Nowadays, cartilage tissue engineering is an emerging technique for the regeneration of cartilage tissue. Taking into consideration these perspectives, this book aims to present a summary of cartilage tissue engineering, including development, recent progress, and major steps taken toward the regeneration of functional cartilage tissue. Special emphasis is placed on the role of stimulating factors, including growth factors, gene therapies, as well as scaffolds, including natural, synthetic, and nanostructured.

⇒ Ausführliche Angaben: HT020309406

Dinu-Pîrvu, Cristina-Elena / Ghica, Mihaela Violeta / Popa, Lacramioara: Hydrogels - Smart Materials for Biomedical Applications

English. Inhaltliche Zusammenfassung: Hydrogels, as three-dimensional polymer networks, are able to retain a large amount of water in their swollen state. The biomedical application of hydrogels was initially hampered by the toxicity of cross-linking agents and the limitations of hydrogel formation under physiological conditions. However, emerging knowledge in polymer chemistry and an increased understanding of biological processes have resulted in the design
of versatile materials and minimally invasive therapies. The novel but challenging properties of hydrogels are attracting the attention of researchers in the biological, medical, and pharmaceutical fields. In the last few years, new methods have been developed for the preparation of hydrophilic polymers and hydrogels, which may be used in future biomedical and drug delivery applications. Such efforts include the synthesis of self-organized nanostructures based on triblock copolymers with applications in controlled drug delivery. These hydrogels could be used as carriers for drug delivery when combined with the techniques of drug imprinting and subsequent release. Engineered protein hydrogels have many potential advantages. They are excellent biomaterials and biodegradables. Furthermore, they could encapsulate drugs and be used in injectable forms to replace surgery, to repair damaged cartilage, in regenerative medicine, or in tissue engineering. Also, they have potential applications in gene therapy, although this field is relatively new.

⇒ Ausführliche Angaben: HT020309331

Dionyssiotis, Yannis: Essentials of Spinal Cord Injury Medicine
English. Inhaltliche Zusammenfassung: Spinal cord injury is a severe condition leading to serious neurological dysfunctions and changes a persons life in a sudden way. Understanding the pathophysiology of spinal cord injury will improve the prognosis and reintegration to the society of spinal cord-injured subjects. The book Essentials in Spinal Cord Injury Medicine includes seven chapters with valuable information addressing hot topics related to spinal cord injury, ranging from pathophysiology, nontraumatic spinal cord injury, complications to exoskeletons, and research therapies with mesenchymal stem cells. The book could be a valued reference for physiatrists, neurosurgeons, orthopedic surgeons, neurologists and physical therapists.

⇒ Ausführliche Angaben: HT020308766

Dionyssiotis, Yannis: Frailty and Sarcopenia - Onset, Development and Clinical Challenges
English. Inhaltliche Zusammenfassung: Frailty is considered a multisystem impairment that makes an individual vulnerable to external or internal stressors. Sarcopenia, the age-dependent loss of muscle mass and function, is proposed as the biological substrate and the pathway whereby the consequences of physical frailty develop. These syndromes are associated with a negative impact in quality of life and can lead to the occurrence of disability, institutionalization, and even mortality. The book focuses upon all the related aspects of frailty and sarcopenia and the new advancements in the related treatments including complex issues and research. It includes high-quality chapters in all related aspects for the syndromes of sarcopenia and frailty, which adversely affect the function and overall effectiveness of the musculoskeletal system and interventions to promote rehabilitation.

⇒ Ausführliche Angaben: HT020308410

Dippel, Anne / Warnke, Martin: Interferences and Events: On Epistemic Shifts in Physics through Computer Simulations
English. Inhaltliche Zusammenfassung: Computer simulations are omnipresent media in today's knowledge production. For scientific endeavors such as the detection of gravitational waves and the exploration of subatomic worlds, simulations are essential; however, the epistemic status of computer simulations is rather controversial as they are neither just theory nor just experiment. Therefore, computer simulations have challenged well-established insights and common scientific practices as well as our very understanding of knowledge. This volume contributes to the ongoing discussion on the epistemic position of computer simulations in a variety of physical disciplines, such as quantum optics, quantum mechanics, and computational physics. Originating from an interdisciplinary event, it shows that accounts of contemporary physics can constructively interfere with media theory, philosophy, and the history of science.

⇒ Ausführliche Angaben: HT020310447
**Dissanayake, Don: Acoustic Waves**


English. Inhaltliche Zusammenfassung: SAW devices are widely used in multitude of device concepts mainly in MEMS and communication electronics. As such, SAW based micro sensors, actuators and communication electronic devices are well known applications of SAW technology. For example, SAW based passive micro sensors are capable of measuring physical properties such as temperature, pressure, variation in chemical properties, and SAW based communication devices perform a range of signal processing functions, such as delay lines, filters, resonators, pulse compressors, and convolvers. In recent decades, SAW based low-powered actuators and microfluidic devices have significantly added a new dimension to SAW technology. This book consists of 20 exciting chapters composed by researchers and engineers active in the field of SAW technology, biomedical and other related engineering disciplines. The topics range from basic SAW theory, materials and phenomena to advanced applications such as sensors actuators, and communication systems. As such, in addition to theoretical analysis and numerical modelling such as Finite Element Modelling (FEM) and Finite Difference Methods (FDM) of SAW devices, SAW based actuators and micro motors, and SAW based micro sensors are some of the exciting applications presented in this book. This collection of up-to-date information and research outcomes on SAW technology will be of great interest, not only to all those working in SAW based technology, but also to many more who stand to benefit from an insight into the rich opportunities that this technology has to offer, especially to develop advanced, low-powered biomedical implants and passive communication devices.

⇒ Ausführliche Angaben: HT020307679

**Dittmann, Wolfgang / Geister, Armin / Kutzborski, Dieter: Logische Phantasien. Herbert Grasemann und seine Schachaufgaben**


German.

⇒ Ausführliche Angaben: HT020309939

**Djezzar, Boualem: Ionizing Radiation Effects and Applications**


English. Inhaltliche Zusammenfassung: The benefits of ionizing radiations have been largely demonstrated through many achievements of human life. Understanding the fundamental elementary interactions of ionizing radiations with material has allowed the development of various applications needed by different industries. This book draws some facets of their applications, such as hardening process for semiconductor devices, biomedical imaging by radiation luminescent quantum dots, hydrogen gas detection by Raman lidar sensor for explosion risk assessment, water and wastewater purification by radiation treatment for environment, doping by the neutron transmutation doping for the semiconductor industry, and polymerization by irradiation, which is useful for industries requiring resistant and protective coating. I wish the chapters of this book can provide some helpful information on ionizing radiation applications.

⇒ Ausführliche Angaben: HT020308639

**Dobrzanski, Leszek A.: Biomaterials in Regenerative Medicine**


English. Inhaltliche Zusammenfassung: The book Biomaterials in Regenerative Medicine is addressed to the engineers and mainly medical practitioners as well as scientists and PhD degree students. The book indicates the progress in research and in the implementation of the ever-new biomaterials for the application of the advanced types of prosthesis, implants, scaffolds and implant-scaffolds including personalised ones. The book presents a theoretical approach to the synergy of technical, biological and medical sciences concerning materials and technologies used for medical and dental implantable devices and on metallic biomaterials. The essential contents of the book are 16 case studies provided in each of the chapters,
comprehensively describing the authors accomplishments of numerous teams from different countries across the world in advanced research areas relating to the biomaterials applied in regenerative medicine and dentistry. The detailed information collected in the book, mainly deriving from own and original research and R&D works pursued by the authors, will be beneficial for the readers to develop their knowledge and harmonise specific information concerning these topics.

⇒ Ausführliche Angaben: HT020308574

Dobrzanski, Leszek A.: Powder Metallurgy - Fundamentals and Case Studies
English. Inhaltliche Zusammenfassung: The book presents the fundamentals and the role of powder metallurgy in contemporary technologies and the state of the art of classical powder metallurgy technologies and a general description of new variants and special and hybrid technologies used in powder metallurgy. The next part includes over a dozen case studies provided in the following chapters, comprehensively describing authors accomplishments of numerous teams from different countries across the world in advanced research areas relating to powder metallurgy and to special and hybrid technologies. The detailed information, largely deriving from own and original research and R&D works pursued by the authors, will be beneficial for the readers to develop their knowledge and harmonise specific information concerning these topics and will convince the manufacturers about the advantages of using the powder metallurgy technology in many branches of industry.

⇒ Ausführliche Angaben: HT020308208

Döhl, Frédéric: Musikgeschichte ohne Markennamen

⇒ Ausführliche Angaben: HT020307360

Dogan, Kamil Hakan: Post Mortem Examination and Autopsy - Current Issues From Death to Laboratory Analysis
English. Inhaltliche Zusammenfassung: Forensic medicine explores the legal aspects of medicine, and medicolegal investigation of death is the most significant and crucial function of it. The nature of post mortem examinations are changing and the understanding of causes of death are evolving with the increase of knowledge, availability, and use of various analyses including genetic testing. Postmortem examination practice is turning into a more multidisciplinary approach for investigations, which are becoming more evidence based. Although there are numerous publications about forensic medicine and post mortem examination, this book aims to provide some basic information on post mortem examination and current developments in some important and special areas. It is considered that this book will be useful for forensic pathologists, clinicians, attorneys, law enforcement officers, and medical students.

⇒ Ausführliche Angaben: HT020308566

Dogan, Kamil Hakan: Wound Healing - Current Perspectives
English. Inhaltliche Zusammenfassung: Wound healing and its treatment are subjects that
have been discussed for centuries in the medical literature. Wounds are everywhere, occurring in the young and elderly and in hospital and at home, and affect patients in every clinical specialty around the world. There are many publications on wound healing, but this book intends to give an overview of its current perspectives so as to be useful to practice care in wound healing and to improve the quality of life. It is considered that this book will be useful for clinicians who are interested in wound care.

⇒ Ausführliche Angaben: HT020309375

Doi, Hisashi / Margareta / Kato, Koichi: Green Process of Three-Component Prostaglandin Synthesis and Rapid sup11/supC Labelings for Short-Lived PET Tracers
English. Inhaltsliche Zusammenfassung: This book is devoted to highly polished and potentiated novel C couplings developed by our group (M. Suzuki) in the course of a long-term, tight collaboration of chemistry, biology, and medicine experts, focusing on advanced organometallic techniques for the construction of a whole prostaglandin (PG) framework and new methodology for introducing short-lived <sup>11</sup>C radionuclide into carbon frameworks. The book is written to attract the interest of scientists working in chemistry and interdisciplinary research areas such as medicinal chemistry, radiochemistry, chemical biology, molecular imaging, and related industries.

⇒ Ausführliche Angaben: HT020308557

Dolezalek, Isabelle: Arabic Script on Christian Kings. Textile Inscriptions on Royal Garments from Norman Sicily
English. Inhaltsliche Zusammenfassung: Isabelle Dolezalek is the recipient of the 2018 ICMA Annual Book Prize. Roger II’s famous mantle and other royal garments from twelfth- and thirteenth-century Sicily prominently display Arabic inscriptions. While the phenomenon is highly unusual in the context of Latin Christian kingship, the use of inscriptions as a textile ornament was common and imbued with political functions in the Islamic courts of the medieval Mediterranean. This case study of the inscribed garments from Norman Sicily draws attention to the diverse functions of Arabic textile inscriptions using various contextual frames. Such a contextual approach not only highlights the specificities of the Norman textile inscriptions and emphasises the practical and political choices underlying their use at the Sicilian court, it also pinpoints the flaws of universalising approaches to transcultural ornamental in circulation in the medieval Mediterranean. This new perspective on the royal garments from Norman Sicily draws from a variety of disciplines, including Islamic and European art history, the history of textiles, epigraphy, legal history and historiography, and aims to challenge established notions of cultural and disciplinary boundaries.

⇒ Ausführliche Angaben: HT020309920

Domsch, Sebastian: Storyplaying: Agency and Narrative in Video Games
English. Inhaltsliche Zusammenfassung: Incontestibly, Future Narratives are most conspicuous in video games: they combine narrative with the major element of all games: agency. The persons who perceive these narratives are not simply readers or spectators but active agents with a range of choices at their disposal that will influence the very narrative they are experiencing: they are players. The narratives thus created are realizations of the multiple possibilities contained in the present of any given gameplay situation. Surveying the latest trends in the field, the volume discusses the complex relationship of narrative and gameplay.

⇒ Ausführliche Angaben: HT020307634

Donaghy, Greg / Webster, David: A Samaritan State Revisited: Historical Perspectives on Canadian Foreign Aid
2019. 1 electronic resource (377 pages). ISBN 9781773850405 Inhaltsliche Zusammenfassung: Canada’s foreign aid programs are an area of ongoing interest, yet there is little knowledge of
Canada’s 70-year aid history, the historic forces that have shaped Canadian aid policy, and the many complex factors that affect Canada’s future foreign aid policy. A Samaritan State Revisited brings together a refreshing group of emerging and leading scholars to reflect on the history of Canada’s overseas development aid. Addressing the broad ideological and institutional origins of Canada’s official development assistance in the 1950s and specific themes in its evolution and professionalization since the 1960s, this collection is the first to explore Canada’s history with foreign aid with this level of interrogative detail. Extending from the 1950s to the present and covering Canadian aid to all regions of the Global South, from South and Southeast Asia to Latin America and Africa, these essays embrace a variety of approaches and methodologies ranging from traditional, archival-based research to textual and image analysis, oral history, and administrative studies. A Samaritan State Revisited weaves together a unique synthesis of governmental and non-governmental perspectives, providing a clear and readily accessible explanation of the forces that have shaped Canadian foreign aid policy.

⇒ Ausführliche Angaben: HT020307477

Donatoe, Teresa: Hybrid Electric Vehicles
English. Inhaltsübersicht: This book on hybrid electric vehicles brings out six chapters on some of the research activities through the wide range of current issues on hybrid electric vehicles. The first section deals with two interesting applications of HEVs, namely, urban buses and heavy duty working machines. The second one groups papers related to the optimization of the electricity flows in a hybrid electric vehicle, starting from the optimization of recharge in PHEVs through advanced storage systems, new motor technologies, and integrated starter-alternator technologies. A comprehensive analysis of the technologies used in HEVs is beyond the aim of the book. However, the content of this volume can be useful to scientists and students to broaden their knowledge of technologies and application of hybrid electric vehicles.

⇒ Ausführliche Angaben: HT020308316

Dongre, Rajendra Sukhadeorao: Chitin-Chitosan - Myriad Functionalities in Science and Technology
English. Inhaltsübersicht: Chitin is the second most abundant biopolymer after cellulose and is a resourceful copious and cheap biomaterial discovered in 1859 owing to significant industrial and technological utility. Raw chitin-chitosan resembles keratin in its biological functions. Chitin chemistry vastly developed via innate unparalleled biological features and exceptional physicochemical characters. Chitosan endures assorted chemical/physical modifications easily at free proactive functionalities, yet intact bulk properties are achieved through processing, viz., film, membrane, composite, hybrid, nanofibre, nanoparticle, hydrogel and scaffolds. Rapidly lessen bioresources signify chitosan as an option due to renewable eco-friendliness and drive embryonic myriad applications in S&T. Controlled surface modification in its flexible framework imparts advanced functionalized applications in science and technology developments. Chitosan-matrix is advantageous over biopolymers due to inherent economic, versatile and unequivocal portfolio from bio-molecule to quantum dots which traced its great journey in modern S&T. Overall, chitosan chemistry boosted R&D in countless domains like agriculture, biochemical, medicine, pharmaceutics, nanotechnology, biotechnology, material/food science, microbiology, biomedicine, bioengineering, biochemistry, bioprocessing and environment.

⇒ Ausführliche Angaben: HT020308849

Donnars, Catherine / Dupraz, Pierre / Dumont, Bertrand: Impacts et services issus des élevages européens
marchés, l'emploi et le travail, la consommation d'intrants, l'environnement et le climat, ainsi que les enjeux sociaux et culturels associés à l'élevage. Puis les interactions entre ces volets ou "bouquets de services" sont analysées simultanément. Ces bouquets sont déclinés dans une typologie et cartographiés selon six classes de territoires d'élevage européens à partir de deux critères: la densité en animaux et la part de prairies permanentes dans le paysage agricole. Cet ouvrage reprend les enseignements d'une expertise scientifique collective conduite par 26 experts de disciplines scientifiques complémentaires et coordonnée par l’Inra, réalisée à la demande conjointe des ministères en charge de l’Environnement et de l’Agriculture, et de l’Ademe.

⇒ Ausführliche Angaben: HT020310389

Donnarumma, Maria Rosaria: LA NUOVA LEGGE ELETTORALE ITALIANA E I DUBBI DI COSTITUZIONALITÀ
italian. Inhaltliche Zusammenfassung: La nuova legge elettorale italiana (novembre 2017) è la sesta nella storia della Repubblica e presenta seri motivi di critica sia per la procedura di approvazione che per la dubbia costituzionalità nel merito. Ciò a parte la scarsa idoneità al raggiungimento dell’obiettivo di garantire una solida e non fragile base per la governabilità del paese. Il voto di fiducia, adottato per l’approvazione della legge nei due rami del parlamento, si fonda su un’interpretazione superficiale e disinvolta delle disposizioni pertinenti dei regolamenti parlamentari, avulsia dallo spirito della costituzione e del suo articolo 72, ultimo comma. La classe politica, che ha elaborato la nuova legge, non solo non ha tratto insegnamento dalle più recenti esperienze politiche, ma ha altresì negletto le linee conduttrici della giurisprudenza costituzionale, ribadite nelle due ultime sentenze in materia, la n. 1 del 2014 e la n. 35 del 2017 (che il presente volume riporta in appendice), che hanno dichiarato la parziale incostituzionalità delle leggi elettorali del dicembre 2005 e del maggio 2015.

⇒ Ausführliche Angaben: HT020309874

Donyinah, Stephen Kudom: Persistent Organic Pollutants
English. Inhaltliche Zusammenfassung: This book consists of four technical articles and an introduction that discusses the characteristics of persistent organic pollutant (POP) behavior, covering organic matter in lake sediments, degradation pathways of POPs and specific pesticides, and the adaptation mechanisms of bacteria. The contributing articles are from authors with different backgrounds and specialties from reputable organizations and institutions. The book analyzes the effects of POPs and their characteristic behavior in different environments. Readers will hopefully gain interesting knowledge from this book.

⇒ Ausführliche Angaben: HT020309330

Dorow, Wolfgang: Die Unternehmung in der demokratischen Gesellschaft
German.

⇒ Ausführliche Angaben: HT020309988

Dorszewska, Jolanta / Kozubski, Wojciech: Alzheimers Disease - The 21st Century Challenge
English. Inhaltliche Zusammenfassung: Alzheimers disease was discovered over 100 years ago and still belongs to incurable neurological diseases; its pharmacotherapy is considered to be ineffective. This book presents contemporary views on the genetic, biochemical, and immunological determinants of this disease. This book also concerns the issue of Alzheimers disease prevention through lifestyle and physical activity. Moreover, it describes the therapies used in Alzheimers disease to slow the progression of the disease and delay its onset. Subsequently, the authors discuss experimental and clinical trials used now and in the near future. We hope that this book will help the readers to understand the complex mechanism leading to the development of Alzheimers disease and indicate effective ways to prevent this disorder.

⇒ Ausführliche Angaben: HT020308857
Dovis, Fabio / Aquino, Marcio / Franceschi, Giorgiana De: Mitigation of Ionospheric Threats to GNSS: an Appraisal of the Scientific and Technological Outputs of the TRANSMIT Project
English. Inhaltliche Zusammenfassung: TRANSMIT (Training Research and Applications Network to Support the Mitigation of Ionospheric Threats) is an initiative funded by the European Commission through a Marie Curie Initial Training Network. It provided a coordinated program of academic and industrial training, focused on atmospheric phenomena that can significantly impair a wide range of systems and applications that are at the core of several activities embedded in our daily life. TRANSMIT deals with the harmful effects of the ionosphere on these systems. Main aim of the project has been to develop a web based prototype demonstrator aiming to showcase the project research outcomes in a user friendly manner, through a series of model outputs and tools that could serve as the blueprint for a future service to assist users and industry to mitigate the effects of ionospheric threats to GNSS.
⇒ Ausführliche Angaben: HT020307979

Dow, Alexander Dow / Dow, Sheila: A History of Scottish Economic Thought
English. Inhaltliche Zusammenfassung: Modern economics has, at its foundation, scholarly contributions from many prominent Scottish thinkers. This revealing work examines the roots of this great tradition, places in perspective a selection of authors, and assesses their contribution over three centuries in the light of a distinctive Scottish approach to economics. Scottish Enlightenment is an established area of research interest, and this volume offers new scholarship on key Enlightenment figures whilst placing emphasis on their approach to economic thought. Smith and Hume are key, but other less familiar, yet important authors are also investigated here, including a murderer, a revolutionary, a medical practitioner and a novelist (John Law, Sir James Stuart, John Rae and Shield Nicholson, respectively). The latest in a prestigious series charting national traditions in the history of economic thought, this important book, an essential read for scholars of economic thought, features contributions from such major historians of economic thought as Andrew Skinner and Antoin Murphy.
⇒ Ausführliche Angaben: HT020310319

Dragoo, Jason L.: Modern Arthroscopy
English. Inhaltliche Zusammenfassung: Modern Arthroscopy will assist practitioners to stay current in the rapidly changing field of arthroscopic surgery. The chapters in this book were written by a panel of international experts in the various disciplines of arthroscopy. The goals of this text are to present the classical techniques and teachings in the fields of Orthopaedics and Dentistry, but also to include new, cutting-edge applications of arthroscopy, such as temporomandibular arthroscopy and extra-articular arthroscopy of the knee, just to name a few. We hope Modern Arthroscopy becomes a core reference for your arthroscopic surgery practice.
⇒ Ausführliche Angaben: HT020307814

Drenjancevic, Ines: Hyperbaric Oxygen Treatment in Research and Clinical Practice - Mechanisms of Action in Focus
English. Inhaltliche Zusammenfassung: Hyperbaric oxygen treatment (HBO2) is a widely accepted adjuvant therapy in various health conditions that exhibit impaired tissue blood flow. At high pressures, the delivery of the dissolved oxygen in plasma is enhanced, which contributes to better tissue oxygenation, cellular metabolism and ultimately, healing. However, this is not the only beneficial outcome of HBO2 treatment since oxygen is a highly reactive molecule and can induce upregulation of many enzymatic systems in the cell at the cellular, genetic and molecular level. Particularly, vascular/endothelial function is affected by the HBO2. Our understanding of these mechanisms is still emerging. There have been many controversies
related to the HBO2 protocols and indications. As well as exhibiting beneficiary effects on the tissue perfusion, it is known that HBO2 demonstrates high toxicity at higher pressures, due to increased oxidative stress and barotrauma. On the other hand, there is a lack of translation of the knowledge on the mechanisms of action of HBO2 obtained from the experimental research to the clinical practice. Thus, this book presents the reader with an overview of the current knowledge on the mechanisms of HBO2 effects in various experimental models and clinical treatment protocols, in an attempt to provide a better understanding of how and when HBO2 should be used as an effective therapy without unwanted side effects.

⇒ Ausführliche Angaben: HT020308931

Drevensek, Gorazd: Sex Hormones in Neurodegenerative Processes and Diseases
English. Inhaltliche Zusammenfassung: The book provides chapters on sex hormones and their modulation in neurodegenerative processes and pathologies, from basic molecular mechanisms, physiology, gender differences, to neuroprotection and clinical aspects for potential novel pharmacotherapy approaches. The book contains 14 chapters written by authors from various biomedical professions, from basic researchers in biology and physiology to medicine and veterinary medicine, pharmacologists, psychiatrist, et cetera. Chapters sum up the past and current knowledge on sex hormones, representing original new insights into their role in brain functioning, mental disorders and neurodegenerative diseases. The book is written for a broad range of audience, from biomedical students to highly profiled medical specialists and biomedical researchers, helping them to expand their knowledge on sex hormones in neurodegenerative processes and opening new questions for further investigation.

⇒ Ausführliche Angaben: HT020308687

Drifte, Reinhard: Japans Security Relations with China since 1989
English. Inhaltliche Zusammenfassung: Japans Security Relations with China since 1989 raises the crucial question of whether Japans political leadership which is still preoccupied with finding a new political constellation and with overcoming a deep economic crisis is able to handle such a complex policy in the face of an increasingly assertive China and a US alliance partner with strong swings between engaging and containing Chinas power. This study of the highly topical bilateral relationship will be of great interest to students and researchers in Japanese and Chinese Studies, Politics, International Relations and Security Studies.

⇒ Ausführliche Angaben: HT020310214

Du, Boxue: Properties and Applications of Polymer Dielectrics
English. Inhaltliche Zusammenfassung: The book gives the reader an overview on electrical properties and applications such as converter transformer, transistor, and energy storage. Besides, this book also presents some recent researches on typical polymer material such as silicon rubber and LDPE, which may provide some clues of advanced polymer properties for both engineers and researchers. The author has been a professor at the Department of Electrical Engineering, School of Electrical Engineering and Automation, Tianjin University, China, since 2002. He has been active in polymer insulation research since the 1990s. He is a member of IEEJ, senior member of CSEE, member at several WG in CIGRE, and associate editor of the IEEE Transactions on Dielectrics and Electrical Insulation.

⇒ Ausführliche Angaben: HT020309643

Duarte, F. J.: Coherence and Ultrashort Pulse Laser Emission
English. Inhaltliche Zusammenfassung: In this volume, recent contributions on coherence provide a useful perspective on the diversity of various coherent sources of emission and coherent related phenomena of current interest. These papers provide a preamble for a larger collection of contributions on ultrashort pulse laser generation and ultrashort pulse laser
phenomena. Papers on ultrashort pulse phenomena include works on few cycle pulses, high-power generation, propagation in various media, to various applications of current interest. Undoubtedly, Coherence and Ultrashort Pulse Emission offers a rich and practical perspective on this rapidly evolving field.

⇒ Ausführliche Angaben: HT020307683

**Dubrovski, Polona Dobnik: Woven Fabric Engineering**
English. Inhaltliche Zusammenfassung: The main goal in preparing this book was to publish contemporary concepts, new discoveries and innovative ideas in the field of woven fabric engineering, predominantly for the technical applications, as well as in the field of production engineering and to stress some problems connected with the use of woven fabrics in composites. The advantage of the book Woven Fabric Engineering is its open access fully searchable by anyone anywhere, and in this way it provides the forum for dissemination and exchange of the latest scientific information on theoretical as well as applied areas of knowledge in the field of woven fabric engineering. It is strongly recommended for all those who are connected with woven fabrics, for industrial engineers, researchers and graduate students.

⇒ Ausführliche Angaben: HT020309548

**Duez, Denis: L’Union européenne et l’immigration clandestine**
French. Inhaltliche Zusammenfassung: La lutte contre l’immigration clandestine est aujourd’hui l’une des priorités de l’Union européenne. Volet essentiel d’un projet communautaire de sécurité intérieure, le combat contre les illégaux n’en soulève pas moins d’épineuses questions. La lutte contre l’immigration illégale semble tout d’abord chimérique tant les objectifs fixés excèdent les moyens techniques, humains et financiers disponibles. Ensuite, en rendant le passage vers l’Europe de plus en plus compliqué et dangereux, cette politique provoque indirectement la mort de centaines de migrants chaque année. Elle favorise enfin le déploiement des filières criminelles de trafic et de traite des êtres humains.-.

⇒ Ausführliche Angaben: HT020309780

**Dugué, Marie-Jo / Pesche, Denis / Le Coq, Jean-François: Appuyer les organisations de producteurs**
French. Inhaltliche Zusammenfassung: Producer organisations are very numerous and active in the farming modernisation process in southern developing countries. This didactic work analyses the advantage of the partnership with producer organisations, how they can be strengthened and their relations with the environment. The questions are made extremely accessible and are illustrated by numerous examples in the southern countries.

⇒ Ausführliche Angaben: HT020310358

**Dumais, Nancy: HIV/AIDS - Contemporary Challenges**
English. Inhaltliche Zusammenfassung: With increasing efficacy of antiretroviral therapy, HIV/AIDS has shifted from a disease with high mortality to a chronic illness with substantial longevity. However, researchers, physicians and social workers still face many challenges, and it is important to raise awareness on several aspects that people living with HIV/AIDS have to deal in their daily lives. This book has assembled an array of chapters on the medical, social and economic aspects of HIV/AIDS. The chapters were written by experts from around the globe reflecting the importance of the topic. This book will be of great interest not only to graduate students but also to active academics and practitioners.

⇒ Ausführliche Angaben: HT020308166

**Dumortier, Claire / Schils, Marie-Christine / Donders, Pascal: Formes et figures du goût chinois dans les anciens Pays-Bas**
French|English. Inhaltliche Zusammenfassung: L’histoire de la chinoiserie est celle d’une
ambition économique qui chercha à donner une nouvelle extension, maritime, aux anciennes routes de la soie afin de capter au profit des nombreuses Compagnies des Indes orientales, créées à cet effet, une partie des parts de marché qu’impliquait ce commerce avec l’Extrême-Orient. Ainsi envahirent l’Europe une foule de “produits de la Chine” - porcelaines, textiles, laques, objets de luxe - dont la possession a le plus souvent été un marqueur de distinction sociale. Le développement de la chinoiserie et du goût chinois au XVIIIe siècle est un phénomène européen, qui s’inscrit dans la dynamique même instaurée par la Pensée des Lumières, où l’on détecte un courant utopique fondé à la fois sur l’idée de la reconstitution d’un Éden perdu, et sur celle d’une communauté politique et sociale restaurée.-.

⇒ Ausführliche Angaben: HT020309789

Dundes, Lauren: The Psychosocial Implications of Disney Movies
eng. Inhaltliche Zusammenfassung: In this volume of 15 articles, contributors from a wide range of disciplines present their analyses of Disney movies and Disney music, which are mainstays of popular culture. The power of the Disney brand has heightened the need for academics to question whether Disney’s films and music function as a tool of the Western elite that shapes the views of those less empowered. Given its global reach, how the Walt Disney Company handles the role of race, gender, and sexuality in social structural inequality merits serious reflection according to a number of the articles in the volume. On the other hand, other authors argue that Disney productions can help individuals cope with difficult situations or embrace progressive thinking. The different approaches to the assessment of Disney films as cultural artifacts also vary according to the theoretical perspectives guiding the interpretation of both overt and latent symbolic meaning in the movies. The authors of the 15 articles encourage readers to engage with the material, showcasing a variety of views about the good, the bad, and the best way forward.
⇒ Ausführliche Angaben: HT020307384

Dunea, Daniel: Plant Competition in Cropping Systems
English. Inhaltliche Zusammenfassung: In the coming years, farmers will face difficult challenges throughout the world in terms of climate change, water scarcity, and environmental issues caused by conventional agricultural technologies. Effective management of natural resources can be encouraged by orienting the common agricultural practices towards the functional biodiversity concept in designing and implementing sustainable and eco-friendly cropping systems. In the framework of polycrop science, this book provides basic principles and several case studies of polycrop utilization in various regions of the world as a method of functional biodiversity amplification through species associations that maximize the productivity per unit of land area, suppress the growth and development of weeds, and reduce the amount of harmful pests and insects.
⇒ Ausführliche Angaben: HT020309094

Durbano, Federico: Psychopathy - New Updates on an Old Phenomenon
English. Inhaltliche Zusammenfassung: This book collects the contribution of a selected number of clinical psychiatrists interested in the clinical evaluation of specific issues on psychopathy. The nine chapters of the book address some relevant issues related to nosography, early recognition and treatment, bio-psycho-social models (in particular cognitive-behavioral and ethological ones), and social and familial consequences of psychopathic personality.
⇒ Ausführliche Angaben: HT020308518

Durbano, Federico: Psychotic Disorders - An Update
English. Inhaltliche Zusammenfassung: In this book, with the involvement not only of clinical psychiatrists but also of neurobiologists, specific issues of psychotic disorders (mainly
schizophrenia and mood disorders) are reviewed. The focus of attention ranges from therapeutics to the new frontiers of epigenetics. A special focus is on the individual reactions to psychosis (ranging from psychological ones to treatments and neurobiological basis). Because of the rapid development of neurosciences, which are showing common underlying factors to different phenotypical expressions of mental illness, we are facing an enormous growth of biological data, which is not always easy to interpret. The risk is to forget that we are relating to other individuals, with their stories, and, most of all, with their environmental resources and interactions. The contributions to this book will range from individual experience (a personal history of illness) through some aspects of individual management of illness (insight), from correct use of available psychosocial resources to the environment-gene relationships (epigenetics).

⇒ Ausführliche Angaben: HT020308789

**Duriagina, Zoia: Stainless Steels and Alloys**


English. Inhaltliche Zusammenfassung: Materials science is the magic that allows us to change the chemical composition and microstructure of material to regulate its corrosion-mechanical, technological, and functional properties. Five major classes of stainless steels are widely used: ferritic, austenitic, martensitic, duplex, and precipitation hardening. Austenitic stainless steels are extensively used for service down to as low as the temperature of liquid helium (-269°C). This is largely due to the lack of a clearly defined transition from ductile to brittle fracture in impact toughness testing. Steels with ferritic or martensitic structures show a sudden change from ductile (safe) to brittle (unsafe) fracture over a small temperature difference. Even the best of these steels shows this behavior at temperatures higher than -100°C and in many cases just below zero. Various types of stainless steel are used across the whole temperature range from ambient to 1100°C. This book will be useful to scientists, engineers, masters, graduate students, and students. I hope readers will enjoy this book and that it will serve to create new materials with unique properties.

⇒ Ausführliche Angaben: HT020309243

**Duso, Giuseppe: Der Begriff der Repräsentation bei Hegel und das moderne Problem der politischen Einheit**


⇒ Ausführliche Angaben: HT020307490

**Duvell, Frank / Collyer, Michael / Molodikova, Irina: Transit Migration in Europe**


English. Inhaltliche Zusammenfassung: Transit migration is a term that is used to describe mixed flows of different types of temporary migrants, including refugees and labor migrants. In the popular press, it is often confused with illegal or irregular migration and carries associations with human smuggling and organized crime. This volume addresses that confusion, and the uncertainty of terminology and analysis that underlies it, offering an evidence-based, comprehensive approach to defining and understanding transit migration in Europe.
Dypedahl, Magne / Bjørke, Camilla / Haukås, Åsta: Metacognition in Language Learning and Teaching
English. Inhaltsangabe: The Open Access version of this book, available at https://www.taylorfrancis.com/books/e/9781351049139, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license. This volume offers an exhaustive look at the latest research on metacognition in language learning and teaching. While other works have explored certain notions of metacognition in language learning and teaching, this book, divided into theoretical and empirical chapters, looks at metacognition from a variety of perspectives, including metalinguistic and multilingual awareness, and language learning and teaching in L2 and L3 settings, and explores a range of studies from around the world. This allows the volume to highlight a diverse set of methodological approaches, including blogging, screen recording software, automatic translation programs, language corpora, classroom interventions, and interviews, and subsequently, to demonstrate the value of metacognition research and how insights from such findings can contribute to a greater understanding of language learning and language teaching processes more generally. This innovative collection is an essential resource for students and scholars in language teaching pedagogy, and applied linguistics.
⇒ Ausführliche Angaben: HT020309820

Eberl, Jason T.: Thomistic Principles and Bioethics
English. Inhaltsangabe: Alongside a revival of interest in Thomism in philosophy, scholars have realised its relevance when addressing certain contemporary issues in bioethics. This book offers a rigorous interpretation of Aquinass metaphysics and ethical thought, and highlights its significance to questions in bioethics. Jason T. Eberl applies Aquinas’s views on the seminal topics of human nature and morality to key questions in bioethics at the margins of human life - questions which are currently contested in the academia, politics and the media such as: When does a human person’s life begin? How should we define and clinically determine a person’s death? Is abortion ever morally permissible? How should we resolve the conflict between the potential benefits of embryonic stem cell research and the lives of human embryos? Does cloning involve a misuse of human ingenuity and technology? What forms of treatment are appropriate for irreversibly comatose patients? How should we care for patients who experience unbearable suffering as they approach the end of life? Thomistic Principles and Bioethics presents a significant philosophical viewpoint which will motivate further dialogue amongst religious and secular arenas of inquiry concerning such complex issues of both individual and public concern.
⇒ Ausführliche Angaben: HT020310190

Eberli, Daniel: Regenerative Medicine and Tissue Engineering - Cells and Biomaterials
English. Inhaltsangabe: Tissue Engineering may offer new treatment alternatives for organ replacement or repair deteriorated organs. Among the clinical applications of Tissue Engineering are the production of artificial skin for burn patients, tissue engineered trachea, cartilage for knee-replacement procedures, urinary bladder replacement, urethra substitutes and cellular therapies for the treatment of urinary incontinence. The Tissue Engineering approach has major advantages over traditional organ transplantation and circumvents the problem of organ shortage. Tissues reconstructed from readily available biopsy material induce only minimal or no immunogenicity when reimplanted in the patient. This book is aimed at anyone interested in the application of Tissue Engineering in different organ
systems. It offers insights into a wide variety of strategies applying the principles of Tissue Engineering to tissue and organ regeneration.
⇒ Ausführliche Angaben: HT020307765

Eberli, Daniel: Tissue Engineering
English. Inhaltliche Zusammenfassung: The Tissue Engineering approach has major advantages over traditional organ transplantation and circumvents the problem of organ shortage. Tissues that closely match the patient’s needs can be reconstructed from readily available biopsies and subsequently be implanted with minimal or no immunogenicity. This eventually conquers several limitations encountered in tissue transplantation approaches. This book serves as a good starting point for anyone interested in the application of Tissue Engineering. It offers a colorful mix of topics, which explain the obstacles and possible solutions for TE applications.
⇒ Ausführliche Angaben: HT020309543

Eberli, Daniela: Die Nutzung von Evaluationen in den Schweizer Parlamenten
German. Inhaltliche Zusammenfassung: Evaluations assess the effectiveness of a public policy using a scientific approach and thus provide bases to make effects-oriented and well-founded decisions in parliament. Although policy evaluations have been established in Switzerland, research on their role in the parliaments is limited. This book investigates the use of policy evaluations and its explaining factors based on a survey of cantonal and national members of parliament and studies of cantonal legislative processes. In doing so, it contributes to the question of what role knowledge plays in today’s modern parliaments.
⇒ Ausführliche Angaben: HT020307655

Eberth, Andreas: Alltagskulturen in den Slums von Nairobi – Eine geographiedidaktische Studie zum kritisch-reflexiven Umgang mit Raumbildern
⇒ Ausführliche Angaben: HT020310396

Ebrahim, Farzad: Shape Memory Alloys - Fundamentals and Applications
English. Inhaltliche Zusammenfassung: This book is a result of contributions of experts from international scientific community working in different aspects of shape memory alloys (SMAs) and reports on the state-of-the-art research and development findings on this topic through original and innovative research studies. Through its five chapters, the reader will have access to works related to ferromagnetic SMAs, while it introduces some specific applications like development of faster SMA actuators and application of nanostructural SMAs in medical devices. The book contains up-to-date publications of leading experts, and the edition is intended to furnish valuable recent information to the professionals involved in shape memory alloys analysis and applications. The text is addressed not only to researchers but also to professional engineers, students, and other experts in a variety of disciplines, both academic and industrial, seeking to gain a better understanding of what has been done in the field recently and what kind of open problems are in this area.
⇒ Ausführliche Angaben: HT020308444
**Ebrahimi, Farzad: Advances in Functionally Graded Materials and Structures**
English. Inhaltliche Zusammenfassung: Functionally graded materials (FGMs) were initially designed as thermal barrier materials for aerospace structures and fusion reactors and now they are also considered as potential structural materials for future high-speed spacecraft and recently are being increasingly considered in various applications to maximize strengths and integrities of many engineering structures. This book is a result of contributions of experts from international scientific community working in different aspects of FGMs and structures and reports on the state of the art research and development findings on this topic through original and innovative research studies. Through its six chapters the reader will have access to works related to processing, sintering properties and applications of functionally graded ceramics and new processing routes for FGMs while it introduces some specific applications, such as functionally graded annular fins and the high-performance self-lubricating ceramic composites with laminated graded structure. Besides, it presents an experimental crack propagation analysis of aluminum matrix FGMs and a unified accurate solution for three-dimensional vibration analysis of functionally graded plates and cylindrical shells with general boundary conditions.
⇒ Ausführliche Angaben: HT020308012

**Ebrahimi, Farzad: Nanocomposites - New Trends and Developments**
English. Inhaltliche Zusammenfassung: This book is a result of contributions of experts from international scientific community working in different aspects of nanocomposite science and applications and reports on the state of the art research and development findings on nanocomposites through original and innovative research studies. Through its 19 chapters the reader will have access to works related to the theory, and characterization of various types of nanocomposites such as composites of cellulose and metal nanoparticles, polymer/clay, polymer/Carbon and polymer-graphene nanocomposites and several other exciting topics while it introduces the various applications of nanocomposites in water treatment, supercapacitors, green energy generation, anticorrosive and antistatic applications, hard coatings, antiballistic and electroconductive scaffolds. Besides, it reviews multifunctional nanocomposites, photonics of dielectric nanostructures and electron scattering in nanocomposite materials.
⇒ Ausführliche Angaben: HT020307923

**Ebrahimi, Farzad: Surface Waves - New Trends and Developments**
English. Inhaltliche Zusammenfassung: Surface waves have drawn a significant attention and interest in the recent years in a broad range of commercial applications, while their commercial developments have been supported by fundamental and applied research studies. This book is a result of contributions of experts from international scientific community working in different aspects of surface waves and reports on the state-of-the-art research and development findings on this topic through original and innovative research studies. It contains up-to-date publications of leading experts, and the edition is intended to furnish valuable recent information to the professionals involved in surface wave analysis and applications. The text is addressed not only to researchers but also to professional engineers, students, and other experts in various disciplines, both academic and industrial, seeking to gain a better understanding of what has been done in the field recently and what kind of open problems are in this area.
⇒ Ausführliche Angaben: HT020308689

**Eckersley, Susannah: Chapter 10 Between appropriation and appropriateness**
English. Inhaltliche Zusammenfassung: This chapter takes an interdisciplinary approach to the subject of memorializationand commemoration, protest and populism in relation to the
performative enacting and official presentation of difficult history. It analyzes the various actors instrumentalizing the same dark heritage in different ways, by different means, and for different purposes, to draw conclusions about processes of coming to terms with the past (Vergangenheitsbewältigung) in relation to the contemporary context of populism and migration.

⇒ Ausführliche Angaben: HT020309698

Eckersley, Susannah / Daugbjerg, Mads / Bozoglu, Gönül: Chapter 10
Final thoughts
English. Inhaltsliche Zusammenfassung: This final chapter takes up these questions, mining some of our ethnographies for support. One of these is the basis for a short diversion to a Turkish coffeehouse in what used to be the edge of West Berlin. This is a marginal story that turns out to be central, allowing us to suggest that among the multiple Europes circulating and bickering in the air around us, there are still some others yet to be brought into sight. After this, we close the book with some practical comments about what, in this time of perceived crisis, should be done to re-orient ideas of the European past at the level of heritage practice.

⇒ Ausführliche Angaben: HT020307659

Eckstein, Barbara: Sustaining New Orleans
English. Inhaltsliche Zusammenfassung: First published in 2006. Routledge is an imprint of Taylor and Francis, an informa company.

⇒ Ausführliche Angaben: HT020310125

Edebali, Serpil: Advanced Sorption Process Applications
English. Inhaltsliche Zusammenfassung: At the beginning of the twenty-first century, separation processes presented a comprehensive application of the major operations performed by various industries, such as chemical, food, environmental, and biotechnology. Sorption, one of the preferred separation processes because of its effectiveness at different interfaces, has caught the attention of many scientists. This book is aimed at gaining a general knowledge of sorption and a number of extremely important applications, as well as recognizing its functions and paramount importance in chemical and biochemical plants, including environmental treatment. Moreover, progress in the phenomenon is highlighted in this book. To help provide instruction in the important sorption processes, we have chosen authors who have extensive industrial and academic experience in closing the gap between theory and practice. Crucial progress in the theoretical information section of sorption has been achieved, mainly through the development of new techniques that examine the usage of various sorbents, including nanomaterials for the removal of various pollutants. We have subdivided the book into several sections, one of which is focused on applications of the sorption process, which presents real results of the recent studies and gives a source of up-to-date literature. The relationship between the sorption process and isotherm and kinetics modeling is analyzed in another chapter. This book will be a reference book for those who are interested in sorption techniques from various industries.

⇒ Ausführliche Angaben: HT020309249

Egilmez, Gokhan: Agricultural Value Chain
English. Inhaltsliche Zusammenfassung: This book covers the agricultural value chain issues that occur in different parts of the world and aims to increase our understanding about the sustainable agricultural value chain paradigm. By reading through these chapters, the readers will witness various interesting, sometimes sad, commonalities among different regions of the world, where smallholder farmers and producers are severely affected by various agricultural policy deficiencies or mistakes and inexistences. The book consists of 14 chapters, which comprehensively cover over 20 agricultural products from more than 15 different
regions of the world. Various qualitative and quantitative research methods are presented including surveys, case studies, interviews, price transmission, risk analysis, and multiagent system technology.

⇒ Ausführliche Angaben: HT020308675

**Eichenberg, Christiane: Virtual Reality in Psychological, Medical and Pedagogical Applications**
English. Inhaltsliche Zusammenfassung: This book has an aim to present latest applications, trends and developments of virtual reality technologies in three humanities disciplines: in medicine, psychology and pedagogy. Studies show that people in both educational as well as in the medical therapeutic range expect more and more that modern media are included in the corresponding demand and supply structures. For the Internet and various mobile media, associated research and application projects now have fixed key words such as E-learning and E-Mental Health or M-Learning, M-Mental Health. This book aims to contribute to the current state of the corresponding efforts in the area of further promising technology - the Virtual Reality - designed to give an overview and secondly to provide a stimulus on specific projects, associated with the hope of giving to scientists and practitioners from the humanities an impulse for their own (further-) development, evaluation and implementation of various VR scenarios in the education and health sectors.

⇒ Ausführliche Angaben: HT020307919

English. Inhaltsliche Zusammenfassung: This book describes the classical smoothing, filtering and prediction techniques together with some more recently developed embellishments for improving performance within applications. It aims to present the subject in an accessible way, so that it can serve as a practical guide for undergraduates and newcomers to the field. The material is organised as a ten-lecture course. The foundations are laid in Chapters 1 and 2, which explain minimum-mean-square-error solution construction and asymptotic behaviour. Chapters 3 and 4 introduce continuous-time and discrete-time minimum-variance filtering. Generalisations for missing data, deterministic inputs, correlated noises, direct feedthrough terms, output estimation and equalisation are described. Chapter 5 simplifies the minimum-variance filtering results for steady-state problems. Observability, Riccati equation solution convergence, asymptotic stability and Wiener filter equivalence are discussed. Chapters 6 and 7 cover the subject of continuous-time and discrete-time smoothing. The main fixed-lag, fixed-point and fixed-interval smoother results are derived. It is shown that the minimum-variance fixed-interval smoother attains the best performance. Chapter 8 attends to parameter estimation. As the above-mentioned approaches all rely on knowledge of the underlying model parameters, maximum-likelihood techniques within expectation-maximisation algorithms for joint state and parameter estimation are described. Chapter 9 is concerned with robust techniques that accommodate uncertainties within problem specifications. An extra term within Riccati equations enables designers to trade-off average error and peak error performance. Chapter 10 rounds off the course by applying the afore-mentioned linear techniques to nonlinear estimation problems. It is demonstrated that step-wise linearisations can be used within predictors, filters and smoothers, albeit by forsaking optimal performance guarantees.

⇒ Ausführliche Angaben: HT020307855

**Einschlag, Fernando Sebastián García: Waste Water - Evaluation and Management**
English. Inhaltsliche Zusammenfassung: Fresh water resources are under serious stress throughout the globe. Water supply and water quality degradation are global concerns. Many natural water bodies receive a varied range of waste water from point and/or non point sources. Hence, there is an increasing need for better tools to asses the effects of pollution sources and prevent the contamination of aquatic ecosystems. The book covers a wide...
spectrum of issues related to waste water monitoring, the evaluation of waste water effect on different natural environments and the management of water resources.

⇒ Ausführliche Angaben: HT020307709

Einschlag, Fernando Sebastián García: Waste Water - Treatment and Reutilization
English. Inhaltliche Zusammenfassung: The steady increase in industrialization, urbanization and enormous population growth are leading to production of huge quantities of wastewaters that may frequently cause environmental hazards. This makes waste water treatment and waste water reduction very important issues. The book offers a collection of studies and findings concerning waste water treatment, minimization and reuse.

⇒ Ausführliche Angaben: HT020307710

Eisentraut, Nikolas: Fälle zum Verwaltungsrecht
German. Inhaltliche Zusammenfassung: The present case repertory on administrative law is the first openly licensed case repertory in German jurisprudence. It wants to carry the idea of free educational materials (so-called Open Educational Resources) into the area of the jurisprudential educational literature as a lighthouse project and to encourage imitation. It accompanies the textbook Administrative Law in the Exam, also published in 2019, and enriches this concrete case study. Administrative Law Cases presents the audit-relevant administrative law on the basis of 16 major cases, which could also be reviewed in exams in this form. The detailed solutions are accompanied by an introduction to the expert review and the examination procedures for the most important application and application types of the VwGO The contents of the open access textbook Administrative Law in the Exam can be used to train the practical work with facts in exams with the case repetition The publisher Nikolas Eisentraut is a researcher at the Department of Law of Freie Universität Berlin and Alumni of Wikimedia, the Stifterverband and the Volkswagen Foundation funded Fellow Program Free Knowledge, within the framework of which this Fallrepetitorium has emerged.

⇒ Ausführliche Angaben: HT020309802

Eissa, Ayman Amer: Structure and Function of Food Engineering
English. Inhaltliche Zusammenfassung: This book conveys many significant messages for the food engineering and allied professions: the importance of working in multidisciplinary teams, the relevance of developing food engineering based on well-established principles, the benefits of developing the field by bringing together experts from industry, academia and government, and the unparalleled advantage of working as globally as possible in the understanding, development, and applications of food engineering principles. I am delighted to welcome this book to the Series and I am convinced colleagues from all parts of the world will gain great value from it.

⇒ Ausführliche Angaben: HT020307911

Eissa, Moustafa M.: Energy Efficiency Improvements in Smart Grid Components
English. Inhaltliche Zusammenfassung: This book is intended for academics and engineers who are working in universities, research institutes, utility and industry sectors wishing to enhance their idea and get new information about the energy efficiency developments in smart grid. The readers will gain special experience with deep information and new idea about the energy efficiency topics. This book includes lots of problems and solutions that can easily be understood and integrated into larger projects and researches. The book enables some studies about monitoring, management and measures related to smart grid components, Energy Efficiency Improvements in smart grid components and new intelligent Control strategies for Distributed energy resources, boosting PV systems, electrical vehicles, et cetera It included optimization concepts for power system, promoting value propositions; protection in power
system, et cetera The book also has some recent developments in solar cell technologies, LEDs and non thermal plasma technology. As I enjoyed preparing this book I am sure that it will be very valuable for large sector of readers.

⇒ Ausführliche Angaben: HT020307985

**Ekren, Orhan: Refrigeration**
English. Inhaltliche Zusammenfassung: In the beginning, the sole purpose of utilization of the refrigeration was to conserve food (BC 1100). But today in our daily life, refrigeration is one of the necessary areas for the aim of not only food conservation but also comfort, industrial production, electronic equipments performance, safe and proper operation of telecommunication stations and computer rooms, space studies, et cetera The importance and wide application range of the refrigeration require new techniques and researches. In this respect, the scope and topics of the book are: Multistage refrigeration cycle analysis, Electrocaloric cooling method, Food chilling-freezing methods and equipments, CFD modeling of airflow in the display cabinet, Industrial application of refrigeration. Energy-efficient air-conditioning system comparison, Capacity modulation methods for energy-efficient refrigeration.

⇒ Ausführliche Angaben: HT020308412

**El-Adham, Eithar / Saleh, Hosam El-Din M.: Trace Elements - Human Health and Environment**
English. Inhaltliche Zusammenfassung: Over the last few years, we have witnessed increasing efforts dedicated to the scientific investigation and characteristics of trace elements. Especially in the field of human and animal nutrition, trace elements display a considerably attractive issue for research because they play an essential role in the nutrition of both animals and humans. Aquatic environments contaminated with trace elements are an emerging research area due to the toxicity, abundance, and environmental persistence of trace elements. Accumulation of heavy metals as a class of trace elements in various environments, and the subsequent transition of these elements into the food and feed chain, severely affects human health. The determination of type and concentration of trace elements is regarded as the first and most important step to follow the mechanisms controlling the dispersal and accumulation of trace elements. Element speciation in different media (water, soil, food, plants, coal, biological matter, food, and fodder) is pivotal to assess an elements toxicity, bioavailability, environmental mobility, and biogeochemical performance. Recently, new analytical techniques have been developed, which greatly simplified the quantitation of many trace elements and considerably extended their detection range. In this context, the development of reproducible and accurate techniques for trace element analysis in different media using spectroscopic instrumentation is continuously updated.

⇒ Ausführliche Angaben: HT020308959

**El-Azazy, Marwa: Infrared Spectroscopy - Principles, Advances, and Applications**
English. Inhaltliche Zusammenfassung: Delving into Infrared Spectroscopy: Principles, Advances and Applications, and with basic knowledge of IR spectroscopy, will provide the reader with a synopsis of fundamentals and groundbreaking advances in the field. Readers will see a variety of MIR applications and difficulties encountered, especially in an industrial environment. Competency in FT-IR spectroscopy in biomedical research and early-stage diagnosis of obesity is shown. Challenges associated with VIS-NIR applications are shown through application of the technique in assessing quality parameters of fruits. Moreover, IR spectroscopic studies of radiation-stimulated processes, and the influence of using IR in developing an ideal catalyst and hence an efficient catalysis process, are discussed. The impact of coupling multivariate data analysis techniques to IR is shown in almost every chapter.

⇒ Ausführliche Angaben: HT020309280

**El-Esawi, Mohamed A.: Genetic Diversity in Plant Species - Characterization and Conservation**
Evaluation of the genetic diversity and population structure of plant germplasm enhances breeding and management practices to develop improved varieties. Various genetic tools have been successfully used to study the genetic diversity of plant species, including morphological, cytological, biochemical, and molecular markers. This book discusses the fundamental advances related to assessment, utilization, and conservation of genetic diversity in plant germplasm. The book also discusses approaches related to environmental stresses. Moreover, it sheds new light on the current research trends and future research directions related to plant genetic diversity studies. This book will provoke the interest of various readers, researchers, and scientists, who will find this information useful for the advancement of their plant genetic diversity research work.

El-Esawi, Mohamed Ahmed: Brassica Germplasm - Characterization, Breeding and Utilization
English. Inhaltliche Zusammenfassung: The genus Brassica L. of the family Brassicaceae has a vital role in agriculture and human health. The genus comprises several species, including major oilseed and vegetable crops with promising agronomic traits. Brassica secondary products have antibacterial, antioxidant and antiviral effects. Characterization of Brassica is important for providing information on domestication, propagation and breeding programs, as well as conservation of plant genetic resources. This book highlights the current knowledge of the genus Brassica L. in order to understand its biology, diversity, conservation and breeding, as well as to develop disease-resistant and more productive crops. This book will be of interest to many readers, researchers and scientists, who will find this information useful for the advancement of their research towards a better understanding of Brassica breeding programs.

El-Esawi, Mohamed Ahmed: Circadian Rhythm - Cellular and Molecular Mechanisms
English. Inhaltliche Zusammenfassung: Circadian clocks are endogenous and temperature-compensating timekeepers that provide temporal organization of biological processes in living organisms. Circadian rhythms allow living organisms to adapt to the daily light cycles associated with Earth's rotation and to anticipate and prepare for precise and regular environmental changes. This book discusses the fundamental advances of how the circadian clock regulates critical biological functions as well as the cellular and molecular mechanisms controlling circadian rhythm in living organisms. It also provides new insights into and sheds new light on the current research trends and future research directions related to circadian rhythm. This book provokes interest in many readers, researchers and scientists, who can find this information useful for the advancement of their research works towards a better understanding of circadian rhythm regulatory mechanisms.

El-Esawi, Mohamed: Maize Germplasm - Characterization and Genetic Approaches for Crop Improvement
English. Inhaltliche Zusammenfassung: Maize is an important staple food crop worldwide. It is the third most important cereal crop after wheat and rice and is economically used for both livestock feeds and human consumption. The latest maize research has opened up new opportunities for crop improvement. This book brings together recent work and advances that have recently been made in the dynamic fields of genetic characterization, molecular breeding, genetic engineering technologies, and mapping of agronomic traits of global maize germplasm. It also provides new insights into and sheds new light regarding the current research trends.
and future research directions in maize. This book will provoke interest in many readers, researchers, and scientists, who can find this information useful for the advancement of their research works towards maize improvement.

⇒ Ausführliche Angaben: HT020308695

**El-Esawi, Mohamed: Physical Methods for Stimulation of Plant and Mushroom Development**


English. Inhaltliche Zusammenfassung: Chemical additives used for increasing plant productivity can contaminate the raw materials used in food production. Physical methods represent alternative promising sources for stimulating plant and mushroom development and increasing vegetable production. Many physical factors are currently used for plant treatment, including electromagnetic waves, optical emission, laser, magnetic field, gamma rays and ultrasound and ionizing radiation. This book discusses these physical methods for stimulation of plant and mushroom development and seed invigoration. Current research trends, future research directions and challenges are also discussed. This book will be of interest to many readers, researchers and scientists who can find this information useful for the advancement of their research works towards a better understanding of physical methods in plant and mushroom development.

⇒ Ausführliche Angaben: HT020309024

**El-Esawi, Mohamed: Phytohormones - Signaling Mechanisms and Crosstalk in Plant Development and Stress Responses**


English. Inhaltliche Zusammenfassung: Phytohormones are regulatory compounds that play crucial roles in plants. This book brings together recent work and progress that has recently been made in the dynamic field of phytohormone regulation in plant development and stress responses. It also provides new insights and sheds new light regarding the exciting hormonal cross talk phenomenon in plants. This book will provoke interest in many readers and scientists, who can find this information useful for the advancement of their research works.

⇒ Ausführliche Angaben: HT020308385

**El-Samragy, Yehia: Food Safety - Some Global Trends**


English. Inhaltliche Zusammenfassung: Food safety is defined as the concept that food will not cause harm to the consumer when it is prepared and/or eaten according to its intended use. Most food product recalls and food-related outbreaks are fully considered as food safety failures. Many risk-based food safety standards, e.g., HACCP, BRC, SQF, ISO/FSSC 22000, are designed to prevent such issues from occurring. Any food recall or food-related outbreak may be attributed to the likelihood of a risk assessment, which in some way failed to identify and control the risk. The essence and true nature of food safety hazards are affected by resources of the food facility, e.g., human, work environment, infrastructure, availability and accessibility of food safety information. Thus, food specialists should establish and manage the parameters of the applied food safety systems to achieve the food safety objectives that produce food in compliance with regulatory and statutory requirements. It is important to understand what exactly will make an end product unsafe and ensure that the necessary control measures are in place to prevent it from happening. Understanding the basic food safety concepts can lead to improvement of the current food safety systems and/or standards.

⇒ Ausführliche Angaben: HT020308828

**El-Shahat, Adel: Advanced Applications for Artificial Neural Networks**


English. Inhaltliche Zusammenfassung: In this book, highly qualified multidisciplinary scientists grasp their recent researches motivated by the importance of artificial neural networks. It addresses advanced applications and innovative case studies for the next-generation optical networks based on modulation recognition using artificial neural networks, hardware ANN for
gait generation of multi-legged robots, production of high-resolution soil property ANN maps, ANN and dynamic factor models to combine forecasts, ANN parameter recognition of engineering constants in Civil Engineering, ANN electricity consumption and generation forecasting, ANN for advanced process control, ANN breast cancer detection, ANN applications in biofuels, ANN modeling for manufacturing process optimization, spectral interference correction using a large-size spectrometer and ANN-based deep learning, solar radiation ANN prediction using NARX model, and ANN data assimilation for an atmospheric general circulation model.

⇒ Ausführliche Angaben: HT020308593

El-Shahat, Adel: Electric Machines for Smart Grids Applications - Design, Simulation and Control
English. Inhaltliche Zusammenfassung: In this book, highly qualified scientists present their recent research motivated by the importance of electric machines. It addresses advanced studies for high-speed electrical machine design, mechanical design of rotors with surface-mounted permanent magnets, design of motor drive for brushless DC motor, single-phase motors for household applications, battery electric propulsion systems for competition racing applications, robust diagnosis by observer using the bond graph approach, a DC motor simulator based on virtual instrumentation, start-up of a PID fuzzy logic embedded control system for the speed of a DC motor using LabVIEW, advanced control of the permanent magnet synchronous motor and optimization of fuzzy logic controllers by particle swarm optimization to increase the lifetime in power electronic stages.

⇒ Ausführliche Angaben: HT020309154

El-Shemy, Hany A.: Active Ingredients from Aromatic and Medicinal Plants
English. Inhaltliche Zusammenfassung: Recently, new compounds from medicinal plants were discovered, and they were used as anti-severe diseases. Therefore, this book covers interested research topics dealing with isolation, purification, and identification of active ingredients from wild and medicinal plants. This discovery will lead to an increase in the global pharmaceutical market as well as open such new gate for medicinal plant research. This book will add significant information to medical researchers and can be used for postgraduate students.

⇒ Ausführliche Angaben: HT020308177

El-Shemy, Hany A.: Aromatic and Medicinal Plants - Back to Nature
English. Inhaltliche Zusammenfassung: This book covers interesting research topics and the use of natural resources for medical treatments in some severe diseases. The most important message is to have native foods which contain high amount of active compounds that can be used as a medicinal plant. Most pharmaceutical drugs were discovered from plants, and still ongoing research will have to predict such new active compounds as anti-diseases. I do believe this book will add significant knowledge to medical societies as well as can be used for postgraduate students.

⇒ Ausführliche Angaben: HT020308175

El-Shemy, Hany A.: Potential of Essential Oils
English. Inhaltliche Zusammenfassung: Essential oils have recently received much attention globally due to the increased use of essential oils as well as the positive impacts from economic backgrounds. New compounds of essential oils have been discovered from medicinal plants and used in anti-disease treatment as well as in most houses as a source of natural flavor. This book covers some interesting research topics for essential oils, including identification of active ingredients from wild and medicinal plants. This book will add significant value for researchers, academics, and students in the field of medicine.

⇒ Ausführliche Angaben: HT020309021
El-Shohoumi, Nadia / Ekren, Serpil / Zabrana, Lilli: Die altnubischen Dörfer Bab und Al-Guwani
German. Inhaltliche Zusammenfassung: The presented volume aims to carry out a socio-cultural case study focusing on two abandoned Nubian villages in Upper Egypt, which are regarding their formation and abandonment closely connected with the construction of the British Dam south of Aswan and the following floods around 1900. Besides the documentation of architecture and associated find material, the special nature of the research strategy involved a close cooperation with the descendents of the village inhabitants and other Nubians still living in the surroundings of the affected area. Through the interdisciplinary research strategy and the combination of a variety of methods in the fields of Archaeology, Building research and Social Anthropology, standard interpretations could be reflected upon, questioned and if necessary corrected, wherefore this study makes an important contribution to the discussion of cultural formation processes and their transformation into the archaeological record as well as bringing insights into the debate on context interpretation of material culture.
⇒ Ausführliche Angaben: HT020307368

El-Sonbati, Adel Zaki: Thermoplastic Elastomers
English. Inhaltliche Zusammenfassung: Thermoplastics can be used for various applications, which range from household articles to the aeronautic sector. This book, Thermoplastic Elastomers, is comprised of nineteen chapters, written by specialized scientists dealing with physical and/or chemical modifications of thermoplastics and thermoplastic starch. Such studies will provide a great benefit to specialists in food, electric, telecommunication devices, and plastic industries. Each chapter provides a comprehensive introduction to a specific topic, with a survey of developments to date.
⇒ Ausführliche Angaben: HT020307892

Elam, Mark / Nicewonger, Todd E. / Mäkitalo, Åsa: Preface
English. Inhaltliche Zusammenfassung: Designs for Experimentation and Inquiry examines how digital media is reconfiguring the established worlds of research, education, and professional practice. It reflects on the theoretical, methodological, and ethical issues shaping contemporary engagements with digital learning and offers insights for both analysing and intervening in digital learning practices. This insightful volume fills a gap in the current literature by bringing together experiences from Sociocultural Studies of Learning, Science and Technology Studies, and Design Studies. Each chapter is an innovative case study, examining a different aspect of digital media’s role in research, education and professional practice.
⇒ Ausführliche Angaben: HT020307547

Elango, Lakshmanan: Hydraulic Conductivity - Issues, Determination and Applications
English. Inhaltliche Zusammenfassung: There are several books on broad aspects of hydrogeology, groundwater hydrology and geohydrology, which do not discuss in detail on the intrigues of hydraulic conductivity elaborately. However, this book on Hydraulic Conductivity presents comprehensive reviews of new measurements and numerical techniques for estimating hydraulic conductivity. This is achieved by the chapters written by various experts in this field of research into a number of clustered themes covering different aspects of hydraulic conductivity. The sections in the book are: Hydraulic conductivity and its importance, Hydraulic conductivity and plant systems, Determination by mathematical and laboratory methods, Determination by field techniques and Modelling and hydraulic conductivity. Each of these sections of the book includes chapters highlighting the salient aspects and most of these chapters explain the facts with the help of some case studies. Thus this book has a good
mix of chapters dealing with various and vital aspects of hydraulic conductivity from various authors of different countries.

Eleftheriadis, Konstantinos: Queer Festivals
English. Inhaltliche Zusammenfassung: Is queer really anti-identitarian? And how is it experienced at the European level? At queer festivals, activists, artists and participants come together to build new forms of sociability and practice their ideals through anti-binary and inclusive idioms of gender and sexuality. These ideals are moreover channeled through a series of organizational and cultural practices that aim at the emergence of queer as a collective identity. Through the study of festivals in Amsterdam, Berlin, Rome, Copenhagen, and Oslo, this book thoughtfully analyzes the role of activist practices in the building of collective identities for social movement studies as well as the role of festivals as significant repertoires of collective action and sites of identitarian explorations in contemporary Europe.

Elfering, Stephanie: Unlocking the Right to Data Portability
en.

Elkaisy-Friemuth, Maha: God and Humans in Islamic Thought
English. Inhaltliche Zusammenfassung: Winner of The Iranian World Prize for the Book of the Year 2007 in the Philosophy and Mysticism category. This new and original text provides a timely re-examination of Islamic thought, presenting a stark contrast to the more usual conservative view. The explanation of the relationship between God and humans, as portrayed in Islam, is often influenced by the images of God and of human beings which theologians, philosophers and mystics have in mind. The early period of Islam reveals a diversity of interpretations of this relationship. Elkaisy-Friemuth discusses the view of three scholars from the tenth and eleventh century: Abd al-Jabbar, Ibn Sina and Al-Ghazali, which introduce three different approaches of looking at the relationship between God and Humans. God and Humans in Islamic Thought attempts to shed light on an important side of medieval rational thought in demonstrating its significance in forming the basis of an understanding of the nature of God, the nature of human beings and the construction of different bridges between them.

Ellemers, Naomi: Wereld van verschil
Dutch. Inhaltliche Zusammenfassung: Public debates tend to see social inequality as resulting from individual decisions people make, for instance with respect to their education or lifestyle. Solutions are often sought in supporting individuals to make better choices. This neglects the importance of social groups and communities in determining individual outcomes. A moral perspective on social inequality questions the fairness of insisting on individual responsibilities, when members of some groups systematically receive fewer opportunities than others. The essays in this book have been prepared by experts from different disciplines, ranging from philosophy to engineering, and from economics to epidemiology. On the basis of recent scientific insights, World of Difference examines how group memberships impact on individual outcomes in four key domains: health, education and work, migration, and the environment. This offers a new moral perspective on social inequality, which policy makers tend to neglect.

Ellemers, Naomi: World of Difference
English. Inhaltliche Zusammenfassung: Public debates tend to see social inequality as resulting from individual decisions people make, for instance with respect to their education or lifestyle. Solutions are often sought in supporting individuals to make better choices. This neglects the importance of social groups and communities in determining individual outcomes. A moral perspective on social inequality questions the fairness of insisting on individual responsibilities, when members of some groups systematically receive fewer opportunities than others. The essays in this book have been prepared by experts from different disciplines, ranging from philosophy to engineering, and from economics to epidemiology. On the basis of recent scientific insights, World of Difference examines how group memberships impact on individual outcomes in four key domains: health, education and work, migration, and the environment. This offers a new moral perspective on social inequality, which policy makers tend to neglect.

⇒ Ausführliche Angaben: HT020307542

Ellis, Jim: Intertwined Histories: Plants in their Social Contexts
English. Inhaltliche Zusammenfassung: How do we understand the boundaries of individual creatures? What are the systems of interdependency that bind all living creatures together? Plants were among the first to colonize the planet. They created the soil and the atmosphere that made life possible for animals. They are some of the largest and oldest life forms on Earth. In spite of their primacy, Western cultures have traditionally regarded plants as the lowest life forms, lacking mobility, sensation, and communication. But recent research argues that plants move and respond to their environment, communicate with each other, and form partnerships with other species. Art, poetry, and essays by cultural anthropologists, experimental plant biologists, philosophers, botanists and foresters expose the complex interactions of the vibrant living world around us and give us a lens through which we can explore our intertwined histories.

⇒ Ausführliche Angaben: HT020307478

Ellison, Aaron M. / Gilliam, Frank S.: Causes and Consequences of Species Diversity in Forest Ecosystems
Eng. Inhaltliche Zusammenfassung: What are the causes and consequences of species diversity in forested ecosystems, and how is this species diversity being affected by rapid environmental and climatic change, movement of invertebrate and vertebrate herbivores into new biogeographic regions, and expanding human populations and associated shifts in land-use patterns? In this book, we explore these questions for assemblages of forest trees, shrubs, and understory herbs at spatial scales ranging from small plots to large forest dynamics plots, at temporal scales ranging from seasons to centuries, in both temperate and tropical regions, and across rural-to-urban gradients in land use.

⇒ Ausführliche Angaben: HT020307430

Ellison, Katherine E.: The Fatal News
English. Inhaltliche Zusammenfassung: First Published in 2006. Routledge is an imprint of Taylor and Francis, an informa company.

⇒ Ausführliche Angaben: HT020310104

Ellison, Nick: The Transformation of Welfare States?
English. Inhaltliche Zusammenfassung: This accessible work provides a ‘political sociology’ of welfare states in industrial societies, with both historical and contemporary perspectives. Ellison focuses on the social and political underpinnings of a number of welfare regimes and looks at the transformations they have undergone and the challenges they face. This book
assesses current debates about the role of ‘globalization’ in welfare state change, paying particular attention to contemporary views about the capacity of embedded institutional structures to limit the effects of global economic pressures. Ellison assesses the changing nature of social policies in nine OECD countries - selected to include ‘liberal’, ‘social democratic’ and ‘continental’ welfare regimes. Taking labour market and pension policies as the main areas of investigation, this volume provides ‘snapshots’ of welfare reform in each case, charting the ways in which different regimes ‘manage’ the range of challenges with which they are confronted. Ultimately, the book suggests that all contemporary welfare regimes are experiencing a level of ‘neoliberal drift’. As yet, this trend towards liberalization remains constrained in those countries with more ‘coordinated’ economies and institutionalized forms of social partnership - but the question is for how long? This book will be of great interest to students and scholars of International Politics, Sociology and Social Policy.

⇒ Ausführliche Angaben: HT020310085

Elnashar, Magdy: Biopolymers
English. Inhaltliche Zusammenfassung: Biopolymers are polymers produced by living organisms. Cellulose, starch, chitin, proteins, peptides, DNA and RNA are all examples of biopolymers. This book comprehensively reviews and compiles information on biopolymers in 30 chapters. The book covers occurrence, synthesis, isolation and production, properties and applications, modification, and the relevant analysis methods to reveal the structures and properties of some biopolymers. This book will hopefully be of help to many scientists, physicians, pharmacists, engineers and other experts in a variety of disciplines, both academic and industrial. It may not only support research and development, but be suitable for teaching as well.

⇒ Ausführliche Angaben: HT020307681

Elnashar, Magdy: Biotechnology of Biopolymers
English. Inhaltliche Zusammenfassung: The book “Biotechnology of Biopolymers” comprises 17 chapters covering occurrence, synthesis, isolation and production, properties and applications, biodegradation and modification, the relevant analysis methods to reveal the structures and properties of biopolymers and a special section on the theoretical, experimental and mathematical models of biopolymers. This book will hopefully be supportive to many scientists, physicians, pharmaceutics, engineers and other experts in a wide variety of different disciplines, in academia and in industry. It may not only support research and development but may be also suitable for teaching. Publishing of this book was achieved by choosing authors of the individual chapters for their recognized expertise and for their excellent contributions to the various fields of research.

⇒ Ausführliche Angaben: HT020307727

Elshorbagy, Amin / Kulshreshtha, Suren: Current Perspective on Irrigation and Drainage
English. Inhaltliche Zusammenfassung: This book was designed to be a comprehensive review of selected topics related to irrigation and drainage. Readers will find themes such as salinity control, decision support systems, subsurface drainage, irrigation scheduling in nurseries, irrigation with municipal wastewater, and sustainable drainage systems. These topics and pursuant discussions are expected to be very fruitful in the continuing debate on global food security.

⇒ Ausführliche Angaben: HT020308163

Emeagwali, Okechukwu Lawrence: Corporate Governance and Strategic Decision Making
This edited volume aims to intimate and orient readers on the current state of corporate governance and strategic decision making a decade after the global financial crises. In particular, it sheds more light on the current state of affairs of corporate governance mechanisms, codes, and their enforcement as well as novel issues arising. The ten constituent chapters contained herein are authored by seasoned academics with research interests in the areas of corporate governance, strategic management, and sustainable management practices. It provides up-to-date theoretical and empirical evidence of such corporate governance issues as corporate governance codes, corporate fraud, quality of earnings, strategic decision making, corporate social responsibility, sustainable management, and sustainable growth strategies. Irrespective of the diverse nature and span of the topics included, this edited volume is divided into three sections and structured to read as a unit.

⇒ Ausführliche Angaben: HT020308443

Emel, Ayse: Body-mass Index and Health
English. Inhaltliche Zusammenfassung: The body mass index has an important place in weight control. Attention should be paid to the regularization of anthropometric measures and to physical activity to protect from increasing obesity that is associated with chronic noncommunicable conditions, such as diabetes mellitus, cancers and cardiovascular diseases. Also, attention should be paid to the countries that are developing. The daily intake of calories, carbohydrates, oils and proteins, fibers, vitamins and minerals and clean water is essential for all individuals, especially for children and for pregnant women.

⇒ Ausführliche Angaben: HT020309238

Enany, Shymaa: Basic Biology and Applications of Actinobacteria
English. Inhaltliche Zusammenfassung: Actinobacteria have an extensive bioactive secondary metabolism and produce a huge amount of naturally derived antibiotics, as well as many anticancer, anthelmintic, and antifungal compounds. These bacteria are of major importance for biotechnology, medicine, and agriculture. In this book, we present the experience of worldwide specialists in the field of Actinobacteria, exploring their current knowledge and future prospects.

⇒ Ausführliche Angaben: HT020309139

Enany, Shymaa: Clostridium Difficile - A Comprehensive Overview
English. Inhaltliche Zusammenfassung: Clostridium difficile bacteria could be found everywhere around us: in the air, water, and soil and in the feces of humans and animals. You can easily become infected with C. difficile if you touch contaminated clothing, sheets, or other objects and then touch your mouth. Many people have the bacteria in their intestines and never have any symptoms. Still, it can cause symptoms ranging from diarrhea to life-threatening inflammation of the colon. The chance of developing a C. difficile infection increases with the usage of high doses of antibiotics over a prolonged period; thus, it is most often spread in the healthcare facilities between workers, patients, and residents. Each year in the United States, almost a half million people get sick from C. difficile, and approximately 29,000 patients died within 30 days of its initial diagnosis. Nowadays, C. difficile infections have become more frequent, severe, and difficult to treat. Therefore, the early diagnosis and the suitable treatment have become a real demand. In this book, we present the experience of worldwide specialists on the diagnosis and the treatment of C. difficile infections along with its lights and shadows.

⇒ Ausführliche Angaben: HT020308447

Enany, Shymaa: Probiotics - Current Knowledge and Future Prospects
English. Inhaltliche Zusammenfassung: Probiotic has been used for centuries especially in fermented dairy products since Metchnikoff associated the intake of fermented milk with prolonged life. Probiotics confer many health benefits to humans, animals, and plants when administered in proper amounts. These benefits include the prevention of gastrointestinal
infections and antibiotic-associated diarrhea, the reduction of serum cholesterol and aller-
genic and atopic complaints, and the protection of the immune system. Furthermore, the
proper usage of probiotics could suppress Helicobacter pylori infection and Crohn’s disease,
improve inflammatory bowel disease, and prevent cancer. In this book, we present specialists
with experience in the field of probiotics exploring their current knowledge and their future
prospects.

⇒ Ausführliche Angaben: HT020308816

**Enescu, Diana: Green Energy Advances**
English. Inhaltliche Zusammenfassung: This book contributes to understanding the develop-
ment and application of green energy solutions. The term green energy is widely used today
to indicate sustainable energy sources with zero or minimal environmental and economic im-
 pact, obtained from various renewable energy sources. The contents presented in this book
deal with different solutions, from small-scale applications (thermoelectric energy harvesting)
to energy efficiency in buildings with local renewable energy production (also in critical seismic
sites), local energy systems (smart energy management of storage and complex interactions),
exploitation of biomasses from agricultural wastes, and voluntary certifications associated
with energy trading in large energy systems. These aspects mark a more sustainable evoluti-
on of the society with wider green energy usage.

⇒ Ausführliche Angaben: HT020309268

**Eneyli, Müge Günalp / Karcioğlu, Özgür: Emergency Medicine and Trau-
ma**
9781839622311
English. Inhaltliche Zusammenfassung: From prehospital evaluation to management in the
emergency department, Emergency Medicine and Trauma provides easily accessible informa-
tion on the evaluation, diagnosis, and management of trauma care. Recognition of the mul-
tidisciplinary nature and complexity of trauma care, especially the philosophy of a teamwork
approach, must be an integral part of trauma management. To help make logical diagnoses
and treatment plans, you will learn: The use of a structured and prioritized approach to criti-
cally ill and injured patients according to the clinical need and assessment of acuity level;
How to establish resuscitation (management) priorities in a multiply injured patient; How to
demonstrate the ability to adopt a holistic (multidisciplinary, biopsychosocial) approach to
trauma patients. The role of the emergency department and its staff in major incidents, to
understand planning and be prepared for major incidents. This book is designed not only for
emergency medical providers but also for medical students.

⇒ Ausführliche Angaben: HT020309660

**Engelsen Ruud, Arild / Frøystad, Kathinka / Rollier, Paul: Outrage**
English. Inhaltliche Zusammenfassung: Whether spurred by religious images or academic hi-
story books, hardly a day goes by in South Asia without an incident or court case occurring
as a result of hurt religious feelings. The sharp rise in blasphemy accusations over the past
few decades calls for an investigation into why offence politics has become so pronounced,
and why it is observable across religious and political differences. Outrage offers an interdisci-
plinary study of this growing trend. Bringing together researchers in Anthropology, Religious
Studies, Languages, South Asia Studies and History, all with rich experience in the variegated
ways in which religion and politics intersect in this region, the volume presents a fine-grained
analysis that navigates and unpacks the religious sensitivities and political concerns under
discussion.

⇒ Ausführliche Angaben: HT020309866

**Engin, Omer: Knowledges on Thyroid Cancer**
9781838818913
English. Inhaltliche Zusammenfassung: Thyroid cancer is being increasingly diagnosed nowadays. This situation has attracted the attention of scientists and physicians alike and new applications in diagnosis and treatment are being developed and used. There are many cases associated with thyroid cancer and in this book, thyroid cancer is examined in various aspects.
⇒ Ausführliche Angaben: HT020309474

Engwall, Lars: Economics in Sweden
English. Inhaltliche Zusammenfassung: Economics in Sweden contains the results of one of the most comprehensive attempts to evaluate research in economics ever undertaken. A team of Swedish and international researchers, including Avinash K. Dixit, Seppo Honkapohja and Robert M. Slow, examined the structure of economics in Sweden and its results. They identified postgraduate education as a key area, and their findings will be of particular relevance at a time when many countries are restructuring their graduate education programme.
⇒ Ausführliche Angaben: HT020310269

Erbay, R?za Hakan: Current Topics in Intensive Care Medicine
English. Inhaltliche Zusammenfassung: Knowledge of intensive care medicine is growing logarithmically. In addition, intensive care units and their number of beds are increasing in hospitals. Nowadays, the average human life is prolonged due to the growth of medical knowledge and skills. Intensive care units, both as a cause and as a consequence of long-life expectancy, are increasingly important. This book contains current topics on intensive care such as critical care for neonatal, neurological, and cardiological patients; fluid management in these patients; and intensive care infections. We wish the readers find this book to be helpful.
⇒ Ausführliche Angaben: HT020308970

Erbay, Riza Hakan: Current Topics in Anesthesiology
English. Inhaltliche Zusammenfassung: Throughout the history of thousands of years of medicine, it felt a great need to anesthesia for surgical operations, and only in 1846, Morton's introduction of ether anesthesia began scientific anesthesiology. Today, as technological developments and knowledge have increased, the practices of anesthesiology are becoming increasingly sophisticated. In this book, current drugs and applications for anesthesiology as well as new developments for the use of ultrasonography are presented.
⇒ Ausführliche Angaben: HT020308146

Erbay, Riza Hakan: Tracheal Intubation
English. Inhaltliche Zusammenfassung: Endotracheal intubation is a mandatory practice in the anesthesiologic management of surgical procedures, cardiopulmonary resuscitation, lifesaving procedures in the emergency department, and medical procedures, and it involves many medical issues such as anesthesia, surgery, and pulmonary diseases. This book deals with the basic principles of hypoxia and oxygenation in terms of functional airway anatomy and intubation requirements as well as difficult airway algorithms.
⇒ Ausführliche Angaben: HT020308879

Erdmannsdörffer, Bernhard: Das Zeitalter der Novelle in Hellas
German.
⇒ Ausführliche Angaben: HT020310021

Erdogmus, Pakize: Particle Swarm Optimization with Applications
English. Inhaltliche Zusammenfassung: This book is intended to gather recent studies on
particle swarm optimization (PSO). In this book, readers can find the recent theoretical developments and applications on PSO algorithm. From the theoretical aspect, PSO has preserved its popularity because of the fast convergence rate, and a lot of hybrid algorithms have recently been developed in order to increase the performance of the algorithm. At the same time, PSO has also been used to solve different kinds of engineering optimization problems. In this book, a reader can find engineering applications of PSO, such as environmental economic dispatch and grid computing.

⇒ Ausführliche Angaben: HT020308733

Ergen, Mustafa: Sustainable Urbanization
English. Inhaltliche Zusammenfassung: The rapid urbanization that began with industrialization has begun to cause many problems. New approaches are emerging today to minimize these problems and make urban areas more livable. These problems include insufficient social facilities in urban areas for increasing populations due to migration and unbalanced use of green areas, water, and energy resources due to urbanization. Careless consumption and the pollution of natural resources will cause people many more problems in the future than they do today in urban development. Many professional disciplines have noticed this unbalanced development in urban areas. Urban areas have larger populations than rural areas today. Urban areas are developed neglectfully. Sustainability is needed as a criterion for urban areas to develop in a more livable and healthy fashion. Sustainable urban development approaches are seen in many fields, ranging from land use to the use of natural resources in urban areas.

⇒ Ausführliche Angaben: HT020308037

Ergen, Mustafa: Urban Agglomeration
English. Inhaltliche Zusammenfassung: People living in rural areas migrate to urban areas to secure better qualities of life, education, and health facilities and also because they believe that urban settings offer more livable conditions. These appealing features have led to rapid population growth in urban areas, which has resulted in problems that need to be solved through different urban planning and design approaches. In conjunction with this book, a supplemental resource, which both provides and proposes solutions based on innovative approaches to urbanization problems that emerge from urban agglomeration, has been created. This resource supplement shall also serve as a guide to future urban development efforts. In effect, this book will play an important role in compensating for the limited number of resource books on urbanization. This book is intended to be a reference source for scientists and students interested in the subject.

⇒ Ausführliche Angaben: HT020308627

Ergen, Yasar Bahri: An Overview of Urban and Regional Planning
English. Inhaltliche Zusammenfassung: Urban and regional planning is a spatial design practice that brings limitations to the intervention in natural areas to ensure a balance between population growth, housing, and employment in residential areas. It includes spatial design that enables living creatures to live while planning the interventions to ensure suitability to ecology, geology, climate, and land structure since intervention in nature should be balanced. In this context, the profession generally includes regional, spatial and urban planning, urban transformation that involves the urban decline areas in the city, urban renewal and protection, urban transportation, and urban management. Therefore, it is believed that this book will be useful for those who work in this area on a practical or academic basis and follow the innovations in the profession.

⇒ Ausführliche Angaben: HT020309159

Erjavec, Marjanca Starcic: The Universe of Escherichia coli
English. Inhaltliche Zusammenfassung: The title of the book The Universe of Escherichia coli aims to present and emphasize the huge diversity of this bacterial species and our efforts to prevent the E. coli infections. As it is part of the gut microbiota, E. coli is a well-known commensal species, and probiotic E. coli strains are successfully used for improving hosts health. Also many workhorse E. coli strain exist that are employed in laboratory and biotechnology settings. But certain E. coli strains can cause intestinal and also extraintestinal infections at many anatomical sites. Therefore many efforts are undertaken to prevent E. coli infections, among them food safety, vaccines, but also new antimicrobial agents are searched for.

⇒ Ausführliche Angaben: HT020309498

Erkekoglu, Pinar / Kocer-Gumusel, Belma: Nutritional Deficiency
English. Inhaltliche Zusammenfassung: Intake of a sufficient diet will provide an individual to live a healthy and functional life. However, poor intake of different nutritional components, such as proteins, vitamins, minerals, and trace elements, may lead to health problems that can cause morbidity and finally mortality. Assessment of nutritional status involves physical examination, comprehensive evaluation of biochemical tests, body composition, and organ functions. Both high and low intake of nutritional elements may lead to significant health impairment. The main aim of the book Nutritional Deficiency is to determine the relationships between nutritional status and general health. The authors, who are contributing to the book, particularly focused on iron, vitamin D, and zinc deficiencies, which are global health problems. Besides, some chapters mention the impact of different nutritional deficiencies in susceptible periods of life, such as pregnancy and elderly. Besides, as a result of these deficiencies, different health conditions, such as depression, anemia, loss of neuronal plasticity, and cancer, are widely scrutinized in the book. One chapter mainly focuses on the effects of disasters on nutrition and disaster-caused malnutrition in underdeveloped countries. This book will widen the knowledge store of the readers on the effects of nutrition on general health, how nutritional deficiencies arise when there is a health problem, and how the nutritional status affects susceptible populations.

⇒ Ausführliche Angaben: HT020308020

Erkekoglu, Pinar: Oncogenes and Carcinogenesis
English. Inhaltliche Zusammenfassung: Oncogenes are mutated and/or overexpressed at high levels in tumor cells. Tumors of the lung, breast, pancreas, and colon may display specific oncogenic features. These tumors have been largely associated with exposure to environmental carcinogens and a variety of biological agents, including viruses. These carcinogens can induce specific genetic and epigenetic alterations in these tissues, leading to aberrant functioning of oncogenes and tumor suppressor genes. On the microRNAs (miRNAs) there are significant modifiers of both transcription and translation of oncogenes in carcinogenesis. In the last 50 years, several oncogenes and microRNAs related to these oncogenes have been identified in different types of human cancers. It is now clear that high expression of oncogenes, DNA damage response, and regulation of the cell cycle are related to the circadian clock. This book will mainly focus on the expressions of different oncogenes in breast, colon, and lung cancers. Moreover, readers will gain qualified scientific knowledge of the alterations in miRNAs in different types of cancers and the effects of the circadian clock on the expression of oncogenes in carcinogenesis.

⇒ Ausführliche Angaben: HT020309278

Ersch, Christina Maria / Fierus, Ann-Katrin / Dimitrova, Yanitza: Kompetenzen in DaF/DaZ
German. Inhaltliche Zusammenfassung: Competence orientation opens up always new perspectives for teaching German as an Foreign and as a second language (DaF/DaZ). The
current tendencies of competence orientation presented here are include: - Specialist language skills in the fields of theology and medicine, - the expertise of teachers in relation to learning styles, Grammar and Intercultural Competence as well as - two contrasting analyses of the speech act of the written complaint and oral criticism. Without exception, the authors are enthusiastic and inspiring Teachers who are at the same time committed and open to new challenges, going the extra mile in research. The result of this close interaction of theory and practice are research results with direct application orientation. This is the claim of the series DaF/DaZ in research and teaching. Christina Maria Ersch has studied German and Scandinavian Studies in Göttingen and German as a foreign language in Mainz, where she works as an academic employee.—.

⇒ Ausführliche Angaben: HT020309896

Escamilla-Montes, Ruth / Diarte-Plata, Genaro: Aquaculture - Plants and Invertebrates
English. Inhaltliche Zusammenfassung: This book is divided into three sections. Following the Introduction, the second section, Sustainable Aquaculture, offers integrated information on rice cultivation and aquaculture that provide additional benefits to producers. In addition, the participation of aquaculture in the restoration of the Crassostrea virginica fishery is evaluated. The third section, Homeopathy and Probiotics, is about highly diluted substances and beneficial microorganisms that have proved their effectiveness in human medicine, agronomy, veterinary and currently in the marine aquaculture field. Also, a study focused on the performance of growth and nutrient utilization of the freshwater shrimp Macrobrachium vollenhovenii fed diets supplemented with Lactobacillus acidophilus is presented. This book can be consulted by students, professors and researchers in the area of biological sciences.

⇒ Ausführliche Angaben: HT020309219

Escamilla-Montes, Ruth / Diarte-Plata, Genaro: Molluscs
English. Inhaltliche Zusammenfassung: This book is divided into four sections. The first section Introduction offers information on mollusc generalities. In addition, these organisms are important in areas of commercial significance such as aquaculture and fishing. Similarly, it was pointed out in the use of molluscs have uses in pollution studies and environmental processes among others. The second section Social Aspects of Fisheries considers aspects of molluscs gathering in tropical regions. The third section Ecology presents the results of long-term research concerning the study of variability of the size/mass relationships in the mollusc Rapana venosa from the northwestern part of the Black Sea and near the eastern coast of Crimea (Sudak Gulf). The fourth section Immune System sheds light on the elements of the molluscan immune system and survival differences against Vibrio vulnificus and Vibrio parahaemolyticus. This book can be consulted by students, professors, and researchers in biological sciences and related areas.

⇒ Ausführliche Angaben: HT020309377

Eser, Uta: Naturschutzethik
⇒ Ausführliche Angaben: HT020309680

Eshiet, Kenneth Imo-Imo: Exploitation of Unconventional Oil and Gas Resources - Hydraulic Fracturing and Other Recovery and Assessment Techniques
English. Inhaltsliche Zusammenfassung: The stimulation of unconventional hydrocarbon reservoirs is proven to improve their productivity to an extent that has rendered them economically viable. Generally, the stimulation design is a complex process dependent on intertwining factors such as the history of the formation, rock and reservoir fluid type, lithology and structural layout of the formation, cost, time, et cetera. A holistic grasp of these can be daunting, especially for people without sufficient experience and/or expertise in the exploitation of unconventional hydrocarbon reserves. This book presents the key facets integral to producing unconventional resources, and how the different components, if pieced together, can be used to create an integrated stimulation design. Areas covered are as follows: 'stimulation methods', 'fracturing fluids', 'mixing and behavior of reservoir fluids', 'assessment of reservoir performance', 'integration of surface drilling data', 'estimation of geomechanical properties and hydrocarbon saturation', and 'health and safety. Exploitation of Unconventional Oil and Gas Resources: Hydraulic Fracturing and Other Recovery and Assessment Techniques is an excellent introduction to the subject area of unconventional oil and gas reservoirs, but it also complements existing information in the same discipline. It is an essential text for higher education students and professionals in academia, research, and the industry.
⇒ Ausführliche Angaben: HT020309437

Espósito, Julia (Coord.) / Oliver, José María (Coord.): Actas de la I Jornada de Estudiantes de Lenguas Modernas (2017: Ensenada)
Spanish. Inhaltsliche Zusammenfassung: Este libro reúne los trabajos presentados durante la I Jornada de Estudiantes de Lenguas Modernas, realizada el 7 de diciembre de 2017 en la ciudad de Ensenada. En un amplio y diverso espectro de temáticas, se abordan desde actividades profesionales en el marco de becas, prácticas de traducción y experiencias pedagógicas hasta investigaciones lingüísticas, estudios literarios y culturales. La variedad temática de los trabajos publicados es uno de los pilares sobre los que desarrolló su trabajo la Comisión Organizadora de la Jornada: el respeto por la diversidad de voces, la diversidad académica y formativa. Estas Actas abren un espacio de formación académica, de debate y reflexión constructiva que constituye un área de vacancia en la formación de grado de la mayoría de los estudiantes.
⇒ Ausführliche Angaben: HT020309664

Esteves, Victor Paulo Pecanha / Morgado, Claudia do Rosario Vaz: CO2 Sequestration and Valorization
English. Inhaltsliche Zusammenfassung: The reconciliation of economic development, social justice and reduction of greenhouse gas emissions is one of the biggest political challenges of the moment. Strategies for mitigating CO2 emissions on a large scale using sequestration, storage and carbon technologies are priorities on the agendas of research centres and governments. Research on carbon sequestration is the path to solving major sustainability problems of this century a complex issue that requires a scientific approach and multidisciplinary and interdisciplinary technology, plus a collaborative policy among nations. Thus, this challenge makes this book an important source of information for researchers, policymakers and anyone with an inquiring mind on this subject.
⇒ Ausführliche Angaben: HT020307972
Estrada, Manuel: Advances in Testosterone Action
English. Inhaltliche Zusammenfassung: This book describes recent findings on androgens. The chapters include information on physiological and pathological conditions such as alteration in testosterone production by Leydig cells, prostate cancer, and metabolic disorders. Moreover, this book refers to the potential use of androgens in assisted human reproduction treatments and bovine breeding. Since each chapter contains background information based on evidence and emphasizes basic science, this book is aimed at professionals who already have a basic understanding of the principles of androgen biochemistry and endocrine-related diseases.
⇒ Ausführliche Angaben: HT020309127

Étienne, Michel: La modélisation daccompagnement
French. Inhaltliche Zusammenfassung: Sustainable development and its expression in terms of participation by local stakeholders in future choices in regions where they live or work have become topical issues. Companion modelling is particularly original among methods to set up participative approaches around the sustainable management of natural renewable resources. The aim of this book is to familiarise the reader with the companion modelling approach, by presenting the scientific posture that is its foundation, its methods and tools and the special place for models. It also explains how to incorporate several decision scales, take power games into account and lastly assess the effects on the people involved in using this approach. This work is based on concrete examples taken from 27 cases studied by the researcher group and on educational tools. It is intended for researchers into rural development and renewable resources as well as students and teachers.
⇒ Ausführliche Angaben: HT020307529

Eyssen, Susanne: Der Aufbruch der Frauen in der SPD
⇒ Ausführliche Angaben: HT020307564

Eyvaz, Murat: Advances In Hydrogen Generation Technologies
English. Inhaltliche Zusammenfassung: Among energy sources, hydrogen gas is clean and renewable and has the potential to solve the growing energy crisis in todays society because of its high-energy density and noncarbon fuel properties. It is also used for many potential applications in nonpolluting vehicles, fuel cells, home heating systems, and aircraft. In addition, using hydrogen as an energy carrier is a long-term option to reduce carbon dioxide emissions worldwide by obtaining high-value hydrocarbons through the hydrogenation of carbon dioxide. This book presents the recent progresses and developments in water-splitting processes as well as other hydrogen generation technologies with challenges and future perspectives from the point of energy sustainability.
⇒ Ausführliche Angaben: HT020308916

Eyvaz, Murat / Gök, Abdülkerim / Yüksel, Ebubekir: Special Topics in Renewable Energy Systems
English. Inhaltliche Zusammenfassung: Renewable energy is the answer for future energy demand. Renewable energy is the energy that occurs in a natural manner and utilizes unlimited resources. It is the solution for reducing the dependence on fossil fuels and diminishing greenhouse gas emission. It is the key for cleaner, greener, and sustainable energy. In todays
world, increased energy needs and environmental and health concerns associated with traditional energy systems have made way for rapid progress in producing energy from renewable resources. However, large-scale integration of current technologies and newer approaches are still required for more efficient and cost-effective systems. This small book is a collection of single research chapters dealing with biofuel generation and some recent methods for grid integration and storage problems. The editors would like to record their sincere thanks to the authors for their contributions.

⇒ Ausführliche Angaben: HT020309032

Eyvaz, Murat: Water and Wastewater Treatment
English. Inhaltliche Zusammenfassung: The use of water, one of the most valuable and vital resources in the world, should respond to growing needs, and used water should not have negative effects on the environment. Research on the reduction of used water and wastewater quantities, post-use treatment, or reuse/recovery methods is increasing day by day. These studies focus on finding the most appropriate method from both technical and economic perspectives. In this book, emerging technologies and materials used in the treatment, reuse, or recovery of various kinds of water and wastewaters are examined. The book consists of valuable scientific research specifically including desalination and use of renewable energy, nanomaterials, biosorbents, photocatalytic treatment, as well as riverbank filtration and wetlands. The editor would like to record his sincere thanks to the authors for their contributions.

⇒ Ausführliche Angaben: HT020309447

Fahad, Shah / Amanullah: Corn - Production and Human Health in Changing Climate
English. Inhaltliche Zusammenfassung: Corn or maize (Zea mays L.) plays an important role in global food security. The many uses of corn make it a central commodity and a great influence on prices. Because of its worldwide distribution and relatively lower price, corn has a wider range of uses. It is used directly for human consumption, in industrially processed foods, as livestock feed, and in industrial nonfood products such as starches, acids, and alcohols. Recently, there has been interest in using maize for the production of ethanol as a substitute for petroleum-based fuels. It is an important source of carbohydrate, protein, iron, vitamin B, and minerals. Climate change, however, is a growing concern among corn growers worldwide. Scientists estimate that corn production will need to be increased by 15% per unit area between 2017 and 2037. To increase corn yields, advanced and new production technology needs to be developed and distributed among corn growers. The advanced technology to boost corn yields and counteract climate change is important for food security for the growing global population. Nutritionally, maize seeds contain 60-68% starch and 7-15% protein. Maize oil is widely used as a cooking medium and for manufacturing hydrogenated oil. The oil has the quality of reducing cholesterol in the human blood similar to sunflower oil. Corn flour is used as a thickening agent in the preparation of many edibles such as soups, sauces, and custard powder. Integrated nutrients management improves corn growth, leaf area index and light interception, dry matter accumulation and distribution, grain and fodder quality, yield components, grain and biomass yields, harvest index, and shelling percentage, and reduces the problem of food insecurity.

⇒ Ausführliche Angaben: HT020309042

Fahad, Shah / Amanullah: Nitrogen in Agriculture - Updates
English. Inhaltliche Zusammenfassung: Nitrogen is the most yield-restraining nutrient in crop production globally. Efficient nitrogen management is one of the most important factors for improving nitrogen use efficiency, field crops productivity and profitability. Efficient use of nitrogen for crop production is therefore very important for increasing grain yield, maximizing economic return and minimizing nitrous oxide (N2O) emission from the fields and nitrate (NO3) leaching to ground water. Integrated nitrogen management is a good strategy to
improve plant growth, increase yield and yield components, grain quality and reduce environmental problems. Integrated nitrogen management (combined use of chemical + organic + bio-fertilizers) in field crop production is more resilient to climate change.

⇒ Ausführliche Angaben: HT020308560

**Fahad, Shah / Amanullah: Rice - Technology and Production**
English. Inhaltliche Zusammenfassung: Rice is life, for most people living in Asia. Rice has shaped the cultures, diets, and economies of thousands of millions of people. Growing, selling, and eating rice are integral to the culture of many countries. Products of the rice plant are used for a number of different purposes, such as fuel, thatching, industrial starch, and artwork. Rice is the staple food of more than half of the world’s population - more than 3.5 billion people depend on rice for more than 20% of their daily calories. Asia accounts for 90% of global rice consumption, exceeding 100 kg per capita annually in many countries. Keeping in view the importance of rice, the United Nations declared 2004 as the International Year of Rice. Food security, which is the condition of having enough food to provide adequate nutrition for a healthy life, is a critical issue. Sustainable rice production is important for food self-sufficiency and food security in changing climates. Sustainable rice production practices are those which (1) increase rice productivity and its quality, (2) improve soil fertility and health, (3) increase water use efficiency and conservation, and (4) increase diversification of rice fields, growers income, and climate resilience.

⇒ Ausführliche Angaben: HT020308200

**Fahed-Sreih, Josiane: Human Resource Planning for the 21st Century**
English. Inhaltliche Zusammenfassung: Since the dawn of civilization, humans were selected, allocated and organized based on their skills and job criteria. Today, the role of Human Resources (HR) professionals goes beyond recruitment and management of human capital. Human Resource Planning for the 21st Century tackles the current trends of human resource management (HRM) and human resource planning while highlighting certain roles that HR professionals are involved in. Human Resource Planning for the 21st Century explores HRM systems and their roles within a corporate setting, elaborates on HR plans for crises, uncovers the effects of downsizing on company brand and looks at the possible impact of globalization on corporate social responsibility and HRM.

⇒ Ausführliche Angaben: HT020308980

**Fairfax, Daniel / Hanich, Julian: The Structures of the Film Experience by Jean-Pierre Meunier: Historical Assessments and Phenomenological Expansions**
English. Inhaltliche Zusammenfassung: For the first time this volume makes Jean-Pierre Meunier’s insightful thoughts on the film experience available for an English-speaking readership. Introduced and commented by specialists in film studies and philosophy, Meunier’s intricate phenomenological descriptions of the spectator’s engagement with fiction films, documentaries and home movies can reach the wide audience they have deserved ever since their publication in French in 1969.

⇒ Ausführliche Angaben: HT020309899

**Fakhfakh, Mohamed Amine: Modeling and Simulation for Electric Vehicle Applications**
English. Inhaltliche Zusammenfassung: The book presents interesting topics from the area of modeling and simulation of electric vehicles application. The results presented by the authors of the book chapters are very interesting and inspiring. The book will familiarize the readers with the solutions and enable the readers to enlarge them by their own research. It will be useful for students of Electrical Engineering; it helps them solve practical problems.

⇒ Ausführliche Angaben: HT020308039
Fal, Laura / Toyofuku, Takashi / Not, Christelle: H2 Established and Emerging Techniques for Characterising the Formation, Structure and Performance of Calcified Structures under Ocean Acidification
English. Inhaltliche Zusammenfassung: Ocean acidification (OA) is the decline in seawater pH and saturation levels of calcium carbonate (CaCO3) minerals that has led to concerns for calcifying organisms such as corals, oysters and mussels because of the adverse effects of OA on their biomineralisation, shells and skeletons. A range of cellular biology, geochemistry and materials science approaches have been used to explore biomineralisation. These techniques have revealed that responses to seawater acidification can be highly variable among species, yet the underlying mechanisms remain largely unresolved. To assess the impacts of global OA, researchers will need to apply a range of tools developed across disciplines, many of which are emerging and have not yet been used in this context. This review outlines techniques that could be applied to study OA-induced alterations in the mechanisms of biomineralisation and their ultimate effects on shells and skeletons. We illustrate how to characterise, quantify and monitor the process of biomineralisation in the context of global climate change and OA. We highlight the basic principles, as well as the advantages and disadvantages, of established, emerging and future techniques for OA researchers. A combination of these techniques will enable a holistic approach and better understanding of the potential impact of OA on biomineralisation and its consequences for marine calcifiers and associated ecosystems.
⇒ Ausführliche Angaben: HT020307502

Fang, Zhen: Liquid, Gaseous and Solid Biofuels - Conversion Techniques
English. Inhaltliche Zusammenfassung: This book offers reviews of state-of-the-art conversion techniques for biofuels. It focuses on the latest development for the production of liquid and gaseous biofuels that should be of interest to the chemical scientists and technologists.
⇒ Ausführliche Angaben: HT020307951

Farah, Nadiya: Harmful Trademarks
en. Inhaltliche Zusammenfassung: Between 2013-2017, around 115 EU trademark applications were rejected on morality and public order grounds. In the GCC (six Arab and Islamic countries), anecdotal evidence suggests some refusals have bemused foreign applicants and highlighted cultural blindspots. In this context, this work examines how three Arab Gulf states that have Islamic law as the main source of legislation and large expatriate communities, apply moral bars to trademark registration. It draws comparison with Western jurisdictions. Three main questions are explored: 1) To what extent do immoral or borderline trademarks/goods proceed to registration in conservative Islamic countries that apply trademark law in conformity with Shari'a law? 2) What reasoning is guiding decisions? 3) Can a concept of 'harm' improve our understanding of the power of trademarks and thus the moral thresholds that countries set?The author is an innovation and IP commercialisation professional. She acquired a passion for trademark law while completing a Master of Laws in 'Intellectual Property and Competition Law' in Munich, Germany. She is now pursuing a career in trademark law in the UK..
⇒ Ausführliche Angaben: HT020307458

Farhadi, Hamed: Machine Learning - Advanced Techniques and Emerging Applications
English. Inhaltliche Zusammenfassung: The volume of data that is generated, stored, and communicated across different industrial sections, business units, and scientific research communities has been rapidly expanding. The recent developments in cellular telecommunications and distributed/parallel computation technology have enabled real-time collection and processing of the generated data across different sections. On the one hand, the internet of things (IoT) enabled by cellular telecommunication industry connects various types of
sensors that can collect heterogeneous data. On the other hand, the recent advances in computational capabilities such as parallel processing in graphical processing units (GPUs) and distributed processing over cloud computing clusters enabled the processing of a vast amount of data. There has been a vital need to discover important patterns and infer trends from a large volume of data (so-called Big Data) to empower data-driven decision-making processes. Tools and techniques have been developed in machine learning to draw insightful conclusions from available data in a structured and automated fashion. Machine learning algorithms are based on concepts and tools developed in several fields including statistics, artificial intelligence, information theory, cognitive science, and control theory. The recent advances in machine learning have had a broad range of applications in different scientific disciplines. This book covers recent advances of machine learning techniques in a broad range of applications in smart cities, automated industry, and emerging businesses.

Farhadi, Hamed: Medical Internet of Things (m-IoT) - Enabling Technologies and Emerging Applications
English. Inhaltliche Zusammenfassung: The recent developments in biomedical sensors, wireless communication systems, and information networks are transforming the conventional healthcare systems. The transformed healthcare systems are enabling distributed healthcare services to patients who may not be co-located with the healthcare providers, providing early diagnoses, and reducing the cost in the healthcare section. The developments in medical internet of things (m-IoT) would enable a range of applications, including remote health monitoring through medical-grade wearables to provide homecare for elderlies; virtual doctor-patient interaction to have any time and place access to medical professionals; wireless endoscopic examination; and remotely operated robotic surgery to extend the access to highly skilled surgeons. Wireless body area networks (WBAN) are key enablers of these transformations. These networks connect sensors and actuators to external processing units, which could be placed on the surface of the patients body or implanted inside the body to connect specific sensors and/or actuators inside, on, and around the body to the data collection points. The success of these networks highly relies on the advent of low-power, low-delay, reliable, and low-cost wireless connectivity solutions. This book covers recent developments in wireless healthcare systems to provide an insight to the technological solutions (e.g. for body area channel propagation models, communication techniques, and energy harvesting/transfer) for wireless body area networks, and emerging applications of medical internet of things and wireless healthcare systems.

Farhadian, Charles E.: Christianity, Islam and Nationalism in Indonesia
English. Inhaltliche Zusammenfassung: Although over eighty percent of the country is Muslim, Indonesia is marked by an extraordinary diversity in language, ancestry, culture, religion and ways of life. This book focuses on the Christian Dani of West Papua, providing a social and ethnographic history of the most important indigenous population in the troubled province. It presents a fascinating overview of the Dani’s conversion to Christianity, examining the social, religious and political uses to which they have put their new religion. Based on independent research carried out over many years among the Dani people, the book provides an abundance of new material on religious and political events in West Papua. Underlining the heart of Christian-Muslim rivalries, the book questions the fate of religion in late-modern times.

Farid Alatas, Syed / Ben-Ari, Eyal / Van Bremen, Jan: Asian Anthropology
Asian Anthropology raises important questions regarding the nature of anthropology and particularly the production and consumption of anthropological knowledge in Asia. Instead of assuming a universal standard or trajectory for the development of anthropology in Asia, the contributors to this volume begin with the appropriate premise that anthropologies in different Asian countries have developed and continue to develop according to their own internal dynamics. With chapters written by an international group of experts in the field, Asian Anthropology will be a useful teaching tool and a valuable resource for scholars working in Asian anthropology.

Farid, Arvin: Geohazards Caused by Human Activity
English. Inhaltliche Zusammenfassung: This book is based on the contributions of several authors and attempts to describe the roles human activities play in causing geohazards either directly or indirectly through man-made climate change. The risk of these man-made geohazards and the risk assessment are also discussed in this book. Each chapter keeps the authors notations that vary from chapter to chapter. These authors notations have been maintained to reduce unintended confusion and errors. Readers should be aware of this variation.

Farland-Smith, Donna: Early Childhood Education
English. Inhaltliche Zusammenfassung: This book will serve as a resource for students, researchers, and practitioners in the area of early childhood education. The 18 chapters are divided and organized into the major areas relevant to early childhood education: early childhood development, play, science, mathematics, technology, literacy, and exceptional learners. Each chapter contains an overview of background information pertinent to the chapter and a synopsis of research or a new research study. The information contained in this book provides a foundation for past and/or present research and suggests future research studies.

Farr, Martin: Reginald McKenna
English. Inhaltliche Zusammenfassung: Reginald McKenna has never been the subject of scholarly attention. This was partly due to his own preference for appearing at the periphery of events even when ostensibly at the centre, and the absence of a significant collection of private papers. This new book redresses the neglect of this major statesmen and financier partly through the natural advance of historical research, and partly by the discoveries of missing archival material. McKennas role is now illuminated by his own reflections, and by the correspondence of friends and colleagues, including Asquith, Churchill, Keynes, Baldwin, Bonar Law, MacDonald, and Chamberlain. McKennas presence at the hub of political life in the first half of the century is now clear: in the radical Liberal governments of 1905-16, where he acted as a lightning conductor for the party; during the war, where he served as the Prime Ministers deputy and the principal voice for restraint in the conduct of the war; and as chairman of the worlds largest bank, where until his death in office aged eighty, he prompted progressive policies to deal with the issues of war debt, trade, mass unemployment, and the return to gold.

Farrell, Elaine: She said she was in the family way: Pregnancy and infancy in modern Ireland
eng. Inhaltliche Zusammenfassung: She said she was in the family way examines the subject of pregnancy and infancy in Ireland from the seventeenth to the twentieth century. It draws on exciting and innovative research by early-career and established academics, and
consider topics that have been largely ignored by historians in Ireland. The book will make an
important contribution to Irish women.

Farrukh, Muhammad Akhyar: Advanced Aspects of Spectroscopy
English. Inhaltliche Zusammenfassung: Spectroscopy is the study of absorption and emission of electromagnetic radiation due to the interaction between matter and energy that energy depends on the specific wavelength of electromagnetic radiation. This field has proven invaluable research tool in a number of areas including chemistry, physics, biology, medicine and ecology. The spectroscopic field of research is growing day-by-day and scientists are exploring new areas in this field by introducing new techniques. The main purpose of this book is to highlight these new spectroscopic techniques like Magnetic Induction Spectroscopy, Laser-Induced Breakdown Spectroscopy, X-ray Photoelectron Spectroscopy, Low Energy Electron Loss Spectroscopy, Micro- to Macro-Raman Spectroscopy, Liquid-Immersion Raman Spectroscopy, High-Resolution Magic Angle Spinning (HR-MAS) Nuclear Magnetic Resonance (NMR) Spectroscopy, Injection and Optical Spectroscopy, and Nano Spectroscopy. This book is divided into five sections including General Spectroscopy, Advanced Spectroscopy, Nano Spectroscopy, Organic Spectroscopy, and Physical Spectroscopy which cover topics from basic to advanced levels which will provide a good source of learning for teaching and research purposes.

Farrukh, Muhammad Akhyar: Advanced Chemical Kinetics
English. Inhaltliche Zusammenfassung: The book on Advanced Chemical Kinetics gives insight into different aspects of chemical reactions both at the bulk and nanoscale level and covers topics from basic to high class. This book has been divided into three sections: (i) Kinetics Modeling and Mechanism, (ii) Kinetics of Nanomaterials, and (iii) Kinetics Techniques. The first section consists of six chapters with a variety of topics like activation energy and complexity of chemical reactions; the measurement of reaction routes; mathematical modeling analysis and simulation of enzyme kinetics; mechanisms of homogeneous charge compression ignition combustion for the fuels; photophysical processes and photochemical changes; the mechanism of hydroxyl radical, hydrate electron, and hydrogen atom; and acceptorless alcohol dehydrogenation. The understanding of the kinetics of nanomaterials, to bridge the knowledge gap, is presented in the second section. The third section highlights an overview of experimental techniques used to study the mechanism of reactions.

Farrukh, Muhammad Akhyar: Functionalized Nanomaterials
English. Inhaltliche Zusammenfassung: Generally the nanometer scale covers from 1 to 100 nm while discussing the nanomaterials. Nanomaterials have very high potency and emerge with large applications piercing through all the discipline of knowledge, leading to industrial and technological growth. Nanotechnology is a multidisciplinary science that has its roots in fields such as colloidal science, device physics, and biomedical and supramolecular chemistry. The main objective of the book is to cover maximum areas focusing on synthesis, characterization with various microscopic techniques, and multiple applications. This book is divided into two sections with Non-carbon Compounds and Carbon Compounds. The synthesis, characterization, and applications of metal, metal oxides, and metal hydroxide nanoparticles are covered in the section Non-carbon Compounds, while the section Carbon Compounds focuses on the carbon nanotubes, graphite oxide, graphene oxide, et cetera.

Farrukh, Muhammad Akhyar: Nanofiltration
English. Inhaltliche Zusammenfassung: The nanofiltration technique lies between ultrafiltration and reverse osmosis techniques, and it is considered a low-cost process and is capable of removing pesticides, organic matter, desalination of sea water, oil process and pollutants from industrial wastewater. However, the main challenge in implementation of nanofiltration membrane is its ability towards fouling and low performance at high temperature. The use of nanoparticles in the manufacturing of membranes allows for a high degree of control over membrane fouling. Nanoparticle-based membranes can be developed by assembling engineered nanoparticles into porous membranes or blending them with polymeric or inorganic membranes. This book covers topics from multiple ranges from manufacturing of nanofiltration membranes and their applications in wastewater treatment, drinking water treatment, and removal of pollutants, to addressing the fouling issues.

⇒ Ausführliche Angaben: HT020308831

Farrukh, Muhammad Akhyar: Nanomedicines
English. Inhaltliche Zusammenfassung: Nanomedicine is the application of nanotechnology in medicines at an atomic, molecular, and supramolecular level. Nanomedicine covers a wide range of topics from the development of nanomaterials for use in medicines to the synthesis of nanomedicines with their multiple applications. The major focus of the book is on developments in nanomedicines and their effectiveness compared to conventional drugs. Some drugs are administered twice daily for days and weeks. However, the frequency of administration and dosage of drugs can be reduced to increase patient compliance when prepared at the nanoscale level with polymers, et cetera This book contains five chapters from leading scientists working in the area of nanomedicines. Particular topics that are highlighted are exosomes, nanoantimicrobial solutions, transethosomes, nanoethosomes, nanoparticles, multifunctional drugs, and natural dietary products.

⇒ Ausführliche Angaben: HT020309240

Farsangi, Ehsan Noroozinejad: Noise and Vibration Control - From Theory to Practice
English. Inhaltliche Zusammenfassung: The book presents a collection of articles on novel approaches to problems of current interest in vibration control by academicians, researchers, and practicing engineers from all over the world. The book is divided into eight chapters and encompasses multidisciplinary areas within the scope of noise and vibration engineering, such as structural dynamics, structural mechanics, finite element modeling, vibration control, and material vibration. Noise and Vibration Control - From Theory to Practice is a useful reference material for all engineering fraternities, including undergraduate and postgraduate students, academicians, researchers, and practicing engineers.

⇒ Ausführliche Angaben: HT020309525

Fastner, Gabi / Mang, Peter: GesundFit im besten Alter
die besten Übungen für Gleichgewicht, Beckenboden, Venen & Co / Filmregisseur: Peter Mang; Schauspieler: Gabi Fastner. (Tele-Gym|49) 2019. 1 DVD-Video (80 min).: EUR 17.99
EAN: 4015190011664.
⇒ Ein Medium
  - Freihand:
⇒ Ausführliche Angaben: HT020311419

Fastner, Gabi / Mang, Peter: GesundFit schmerzfrei & beweglich
die besten Übungen für Füße, Knie, Hüfte, Rücken & Co / Filmregisseur: Peter Mang; Schauspieler: Gabi Fastner. (Tele-Gym|48) 2019. 1 DVD-Video (80 min).: EUR 17.99
EAN: 4015190011657.
⇒ Ein Medium
  - Freihand:
⇒ Ausführliche Angaben: HT020311412
Fayazmanesh, Sasan: Money and Exchange
English. Inhaltliche Zusammenfassung: Whether a theoretical system is realistic or not has been a concern in economics, particularly in monetary theory, over the past century. Following John R. Hicks’ proposal that a realistic monetary theory could be constructed along an evolutionary path, starting with the workings of a real market, this volume considers whether we can look to the medieval economy as the point of departure. Drawing upon the work of Aristotle, scholastic economists, Adam Smith, Karl Marx, William Stanley Jevons, Léon Walras and many modern monetary theorists, this intriguing book provides a critical analysis of some basic theories of monetary analysis. Concentrating primarily on certain fundamental building blocks it covers: the theory and mathematical properties of barter and monetary relations the distinction between barter and monetary relations and money and non-money commodities the concept of exchange as an equation, and the notion of the exchange relation as a relation of equality. This groundbreaking study dispels some of the old myths and conjectures concerning money and exchange and opens up the way for the development of new approaches, both realistic and evolutionary, of interest to researchers and students of the history of monetary theory and economic thought.

⇒ Ausführliche Angaben: HT020310183

Fazel-Rezai, Reza: Biomedical Engineering - From Theory to Applications
English. Inhaltliche Zusammenfassung: In all different areas in biomedical engineering, the ultimate objectives in research and education are to improve the quality life, reduce the impact of disease on the everyday life of individuals, and provide an appropriate infrastructure to promote and enhance the interaction of biomedical engineering researchers. This book is prepared in two volumes to introduce a recent advances in different areas of biomedical engineering such as biomaterials, cellular engineering, biomedical devices, nanotechnology, and biomechanics. It is hoped that both of the volumes will bring more awareness about the biomedical engineering field and help in completing or establishing new research areas in biomedical engineering.

⇒ Ausführliche Angaben: HT020307761

Fazel-Rezai, Reza: Biomedical Engineering - Frontiers and Challenges
English. Inhaltliche Zusammenfassung: In all different areas in biomedical engineering, the ultimate objectives in research and education are to improve the quality life, reduce the impact of disease on the everyday life of individuals, and provide an appropriate infrastructure to promote and enhance the interaction of biomedical engineering researchers. This book is prepared in two volumes to introduce recent advances in different areas of biomedical engineering such as biomaterials, cellular engineering, biomedical devices, nanotechnology, and biomechanics. It is hoped that both of the volumes will bring more awareness about the biomedical engineering field and help in completing or establishing new research areas in biomedical engineering.

⇒ Ausführliche Angaben: HT020307747

Fazel-Rezai, Reza: Brain-Computer Interface Systems - Recent Progress and Future Prospects
English. Inhaltliche Zusammenfassung: Brain-Computer Interface (BCI) systems allow communication based on a direct electronic interface which conveys messages and commands directly from the human brain to a computer. In the recent years, attention to this new area of research and the number of publications discussing different paradigms, methods, signal processing algorithms, and applications have been increased dramatically. The objective of this book is to discuss recent progress and future prospects of BCI systems. The topics discussed in this book are: important issues concerning end-users; approaches to interconnect a BCI system with one or more applications; several advanced signal processing methods (id est,
adaptive network fuzzy inference systems, Bayesian sequential learning, fractal features and neural networks, autoregressive models of wavelet bases, hidden Markov models, equivalent current dipole source localization, and independent component analysis; review of hybrid and wireless techniques used in BCI systems; and applications of BCI systems in epilepsy treatment and emotion detections.

⇒ Ausführliche Angaben: HT020307960

**Featherston, Cristina Andrea (Coord.) / Saravia, María Inés (Coord.): Expresiones de violencia en la literatura: De Grecia a nuestros días**
spanish. Inhaltliche Zusammenfassung: Estas páginas abordan los conceptos que han resultado vertebradores de reflexiones, debates y estudio sobre la representación de la violencia en la literatura, desde la antigüedad clásica hasta el presente. Cada uno de los ensayos que componen el libro indaga acerca de cómo y por qué razones las sociedades de diversas épocas quebran el entramado social en determinadas circunstancias que se reiteran cíclicamente, expresadas en enfrentamientos bélicos, muertes, sacrificios y otros ejemplos de quebrantos. Estos trabajos se inscriben en el actual desafío que plantea la discusión teórica acerca de la identificación de los modos mediante los cuales los escritores, de periodos históricos y de geografías distantes, advierten dificultades reincidentes a la hora de plasmar la beligerancia humana inscripta en lo diacrónico. En este sentido, proponen instalar el diálogo respecto de puntos de vista críticos sobre textos literarios de diferentes épocas que permitirán sombrear las múltiples y por momentos disonantes y, en otros, visiones sinfónicas con que ha sido abordada la problemática de la guerra.

⇒ Ausführliche Angaben: HT020309663

**Fedorenko, Yanina: Nanostructures in Energy Generation, Transmission and Storage**
English. Inhaltliche Zusammenfassung: Today, clean natural resources, global warming, energy production, transmission and storage are the most widely discussed topics and main directions of scientific research. This book presents a collection of research contributions addressing recent achievements in nanoscience to mitigate societal challenges of environmental pollution and energy shortage. The environmental control, forensics and virtually any industry rely on the newest advances in nanoscience and sustainable technologies. Nanostructured materials explored in ultrasensitive sensors aid in global environmental monitoring, medical diagnostics and energy conversion applications. Global energy resources - solar energy, hydrogen generation and the oceans - are being effectively explored owing to the discovery of new materials for photo- and photo-electrochemical energy conversion, hydrogen generation and storage, water purification and desalination, environmental control and information processing.

⇒ Ausführliche Angaben: HT020309297

**Feldman, Keith / De Kosnik, Abigail: #identity: Hashtagging Race, Gender, Sexuality, and Nation**
English. Inhaltliche Zusammenfassung: Since its launch in 2006, Twitter has served as a major platform for political performance, social justice activism, and large-scale public debates over race, ethnicity, gender, sexuality, and nationality. It has empowered minoritarian groups to organize protests, articulate often-underrepresented perspectives, and form community. It has also spread hashtags that have been used to bully and silence women, people of color, and LGBTQ people. #identity is among the first scholarly books to address the positive and negative effects of Twitter on our contemporary world. Hailing from diverse scholarly fields, all contributors are affiliated with The Color of New Media, a scholarly collective based at the University of California, Berkeley. The Color of New Media explores the intersections of new media studies, critical race theory, gender and women’s studies, and postcolonial studies. The essays in #identity consider topics such as the social justice movements organized
through #BlackLivesMatter, #Ferguson, and #SayHerName; the controversies around #WhyI-Stayed and #CancelColbert; Twitter use in India and Africa; the integration of hashtags such as #nohomo and #onfleek that have become part of everyday online vernacular; and other ways in which Twitter has been used by, for, and against women, people of color, LGBTQ, and Global South communities. Collectively, the essays in this volume offer a critically interdisciplinary view of how and why social media has been at the heart of US and global political discourse for over a decade.

⇒ Ausführliche Angaben: HT020309803

Felice, Fabio De / Cioffi, Raffaele / Petrillo, Antonella: Digital Transformation in Smart Manufacturing
English. Inhaltsangabe: The purpose of this book is to provide an overview of the new industrial revolution: the Industry 4.0. Globalization and competitiveness are forcing companies to review and improve their production processes. Industry 4.0 is a revolution that involves many different sectors and is still evolving. It represents the integration of tools already used in the past (big data, cloud, robot, 3D printing, simulation, et cetera) that are now connected to a smart network by transmitting digital data at high speeds. The implementation of a 4.0 system represents a huge change for companies, which are faced with big investments. The idea of the book is to present practices, challenges, and opportunities related to the Industry 4.0. This book is intended to be a useful resource for anyone who deals with this issue.

⇒ Ausführliche Angaben: HT020308594

Felice, Fabio De / Petrillo, Antonella: New Frontiers on Life Cycle Assessment - Theory and Application
English. Inhaltsangabe: The purpose of this book is to collect a high-quality selection of contemporary research articles on life cycle perspectives when we want to assess and predict the sustainability of solutions that lie in front of us. The book focuses on methodologies and tools used for life cycle sustainability management covering environmental, social, and economic aspects in business practices, including modeling and simulation-based approaches. In particular, the book aims to collect research, applications, and case studies in the field of environmental analysis and industrial ecology, with a focus on how to assess contributions to increase resource efficiency and reduce environmental impact on production and service systems in a life cycle perspective (raw material extraction, production, use, and end-of-life management). This book is intended to be a useful resource for anyone who deals with this issue.

⇒ Ausführliche Angaben: HT020309405

Felmy, Karl Christian: Die Deutung der Göttlichen Liturgie in der russischen Theologie. Wege und Wandlungen russischer Liturgie-Auslegung
German.

⇒ Ausführliche Angaben: HT020309972

Feng, Huai L. / Wu, Bin: Embryology - Theory and Practice
English. Inhaltsangabe: Recently developed new embryology theory may greatly improve the success of assisted reproductive technology (ART) in the treatment of human infertility and animal well-being. This book updates and reviews newly developed theories and technologies in human in vitro fertilization and focuses mainly on discussing its clinical practice. Areas covered include ovarian stimulation medicine and final ART outcomes, involving oocyte in vitro maturation, oocyte fertilization and failure treatment, blastocyst formation and
implantation, as well as regulation of neuroendocrine embryo implantation. Thus, this book will add new knowledge for readers to improve their appreciation of ART.

⇒ Ausführliche Angaben: HT020309461

Feng, Hui: The Politics of Chinas Accession to the World Trade Organization
English. Inhaltliche Zusammenfassung: Grounded on a series of first-hand interviews with Chinese government officials, this book examines China’s accession to the World Trade Organization, providing an ‘inside’ look at Chinese WTO accession negotiations. Presenting a systematic political economy model in analyzing Beijing’s decision-making mechanisms, the book argues that China’s WTO policy making is a state-led, leadership driven, and top-down process. Feng explores how China’s determined political elite partly bypassed and partly restructured a largely reluctant and resistant bureaucracy, under constant pressure from an increasingly globalized international system. By addressing China’s accession to the WTO from a political analysis perspective, the book provides a theoretically informed and intriguing examination of China’s foreign economic policy making regime. The book highlights contemporary debates relating to state and institutionalist theory and provides new and useful insights into a significant development of this century.

⇒ Ausführliche Angaben: HT020310091

Fergus, Edward: Skin Color and Identity Formation
English. Inhaltliche Zusammenfassung: The focus of this study is on the ways in which skin color moderates the perceptions of opportunity and academic orientation of 17 Mexican and Puerto Rican high school students. More specifically, the study’s analysis centered on cataloging the racial/ethnic identification shifts (or not) in relation to how they perceive others situate them based on skin color.

⇒ Ausführliche Angaben: HT020310138

Ferguson, Barry: Competing for Influence
English. Inhaltliche Zusammenfassung: Amidst growing dissatisfaction with the state of government performance and an erosion of trust in our political class, Competing for Influence asks: what sort of public service do we want in Australia? Drawing on his experience in both the public and private sectors - and citing academic research across the fields of public sector management, industrial organisation, and corporate strategy - Barry Ferguson argues the case for the careful selection and application of private sector management concepts to the public service, both for their ability to strengthen the public service and inform public policy. These include competitive advantage, competitive positioning, horizontal strategy and organisational design, and innovation as an all-encompassing organisational adjustment mechanism to a changeable environment. But these are not presented as a silver bullet, and Ferguson addresses other approaches to reform, including the need to rebuild the Public Sector Act, the need to reconsider the interface between political and administrative arms of government (and determine what is in the ‘public interest’), and the need for greater independence for the public service within a clarified role. This approach, and its implications for public sector reform, is contrasted with the straitjacket of path dependency that presently constricts the field.

⇒ Ausführliche Angaben: HT020307513

Ferhatoglu, Murat Ferhat: New Horizons in Laparoscopic Surgery
English. Inhaltliche Zusammenfassung: Approximately 100 years ago, after the first diagnostic laparoscopy and subsequent developments, the adventure began with laparoscopic appendectomy and cholecystectomy and reached a point where any surgical procedure could
be performed easily. Today, many endoscopic surgical procedures have an important role not only in general surgery, but also in the daily practice of many surgical branches. This vertiginous development and change in speed make rapid replacement of the visual and printed materials necessary for training in this area. This book is prepared by surgeons who are very successful in their field.

⇒ Ausführliche Angaben: HT020309004

Fernandes, Fernanda Dreux M.: Advances in Speech-language Pathology
2017. 1 electronic resource (382 pages). ISBN 9789535135098, ISBN 9789535135104 English. Inhaltliche Zusammenfassung: Speech-language pathology has different practice and research histories, standards, methods, and challenges in different countries and regions. Awareness of these different realities may contribute to the scientific development of the field and improve the services delivered to different populations. Sharing solutions to similar problems in different contexts can increase evidence-based practice that is relevant in specific situations. The aim of this book was to build a panel of contributions from different countries and several areas of research. Authors were invited to contribute with their newest conclusions and results about the themes they considered most relevant. The result includes discussions about new theoretical trends, research results, and new proposals for assessment and intervention.

⇒ Ausführliche Angaben: HT020308441

Fernandez, Carlos / Rajendran, Lakshmanan: Kinetics of Enzymatic Synthesis
2019. 1 electronic resource (122 pages). ISBN 9781789850291, ISBN 9781789850307 English. Inhaltliche Zusammenfassung: Kinetics of Enzymatic Synthesis gives insight into different aspects of chemical reactions that are catalyzed by enzymes. This book is divided into two sections: Enzyme Kinetics and Enzymatic Synthesis. The first section consists of two chapters with a halophilic enzyme kinetics and thermodynamic approach towards analyzing the influence of co-solvents on the Michaelis constants of enzyme-catalyzed reactions. The second section consists of three chapters. Production of isoamyl acetate using the enzymatic synthesis method between acetic anhydride and isoamyl alcohol by having enzyme Candida antarctica Lipase B as catalyst in a solvent-free system is discussed in the third chapter. The integrated scheme with the use of the filtrate from the pretreatment of the CS and the growth conditions of Pleurotus cystidiosus is studied in the fourth chapter. The last chapter of this section provides the conditions of the key parameters in microfluidic systems (residence times, flow rates, concentrations) applied for a sequential process from liquid/liquid extraction of LVV-h7.

⇒ Ausführliche Angaben: HT020309210

Fernie, Ewan: Spiritual Shakespeares
2005. 1 electronic resource ( pages). ISBN 9780203625491, ISBN 9780415319669, ISBN 9780415319676, ISBN 9781134363483, ISBN 9781134363476, ISBN 9781134363438 English. Inhaltliche Zusammenfassung: Spiritual Shakespeares is the first book to explore the scope for reading Shakespeare spiritually in the light of contemporary theory and current world events. Ewan Fernie has brought together an exciting cast of critics in order to respond to the ‘religious turn’ in recent literary theory and to the spiritualized politics of terrorism and the ‘War on Terror’. Exploring a genuinely new perspective within Shakespeare Studies, the volume suggests that experiencing the spiritual intensities of the plays could lead us back to dramatic intensity as such. It tests spirituality from a political perspective, as well as subjecting politics to an unusual spiritual critique. Amongst its controversial and provocative arguments is the idea that a consideration of spirituality might point the way forward for materialist criticism. Reaching across and beyond literary studies to offer challenging and powerful contributions from leading scholars, this book.

⇒ Ausführliche Angaben: HT020310135

Ferreira, Marcelo Gitirana Gomes / Ramirez, Alejandro Rafael Garcia: Assistive Technologies in Smart Cities
English. Inhaltliche Zusammenfassung: Cities are the places where the greatest technological advances will take place in the near future, and important efforts are being directed towards autonomy and independence for each and every citizen. However, these efforts are rarely coordinated or integrated among governments, citizens, and private firms. In this book, assistive technology solutions are approached considering the smart cities scenario. The book discusses how assistive technologies can be adapted to this new reality. In fact, several challenges arise, stimulating the evolution of current technologies, relying on ubiquitous sensing, big data, and anytime/anywhere access and control. The book presents research under development, not necessarily with consolidated results. Even though the idea of smart cities is still not a recognized concept in most countries, its relevance and application are spreading rapidly.

⇒ Ausführliche Angaben: HT020309153

Ferreira, Tiago Miguel / Mendes, Nuno / Silva, Rui: Reducing the Seismic Vulnerability of Existing Buildings: Assessment and Retrofit

Eng. Inhaltliche Zusammenfassung: Devastating seismic events occurring all over the world keep raising the awareness of the scientific, technical and political communities to the need of identifying assets at risk and developing more effective and cost-efficient seismic risk mitigation strategies. Significant advances in earthquake engineering research have been achieved with the rise of new technologies and techniques with potential use in risk assessment, management and mitigation. Nevertheless, there is still much to be done, particularly with regard to existing buildings, most of them built without anti-seismic provisions. The wide variety of construction and structural systems, associated with the complex behaviour of their materials, greatly limit the application of current codes and building standards to the existing building stock. To tackle this issue, there is a fundamental need for developing multidisciplinary research that can lead to the development of more sophisticated and reliable methods of analysis, as well as to improved seismic retrofitting techniques compliant with buildings conservation principles. This book intends to contribute to the aforementioned goal by stimulating the exchange of ideas and knowledge on the assessment and reduction of the seismic vulnerability of existing buildings. 10 high quality contributions authored by international experts from Italy, Portugal, Morocco, Nepal, Czech Republic and Spain are included herein. All contributions pursue the protection of existing buildings by considering the most updated methods and advanced solutions emerging from different fields of expertise.

⇒ Ausführliche Angaben: HT020307432

Ferreira, Valdinéia Barreto: E-science e políticas públicas para ciência, tecnologia e inovação no Brasil

Portuguese. Inhaltliche Zusammenfassung: Em E-science e políticas públicas para ciência, tecnologia e inovação no Brasil, a autora apresenta o conceito que está relacionado à melhoria e fortalecimento dos laboratórios e grupos de pesquisa como ambientes colaborativos. Além disso, discute ao longo dos capítulos, questões que dizem respeito a políticas públicas para fomento científico, tecnológico e de inovação e também dos institutos nacionais de ciência e tecnologia, entre outros aspectos.

⇒ Ausführliche Angaben: HT020309672

Ferreri, Felicia M.: Optic Nerve

English. Inhaltliche Zusammenfassung: The optic nerve is a primary reference for those ophthalmologists and researchers interested in its anatomy and physiology, in the most recent diagnostic techniques, as well as in the clinical management of optic nerve disorders. The book provides a detailed description of the structure and functioning of the optic nerve and attempts at clarifying how anomalies in its development are related with tumor development. The book surveys the most recent diagnostic techniques, such as spectral domain optical coherence tomography, and highlights how these techniques can be employed to evaluate optic
nerve layers as well as lesions compressing the visual pathway. Practical references to optic nerve drusen and the changes in the optic nerve due to diabetic retinopathy are also presented. The book is written in a concise fashion and aims at being a major reference to a broad audience, including students, ophthalmologist consultants, neurologists, researchers, and surgeons concerned with optic nerve diseases.

⇒ Ausführliche Angaben: HT020309234

Ferry, Barbara: The Amygdala - A Discrete Multitasking Manager
English. Inhaltliche Zusammenfassung: Among the components of the limbic system, the amygdala is a fascinating structure that is involved in the processes of liking and disliking and in the ways our emotions drive our actions and affect the strength of our memories. Combined with new conceptual breakthroughs, the very latest data obtained by leading world experts in amygdala function that are reviewed in this book have helped to understand how the amygdala contribute to these processes and also to a variety of neurological and neuropsychiatric pathologies. Of course, due to the rate of research advancement, all the chapters presented here correspond to precise questions addressed by experts using highly specific techniques. Therefore, each chapter should be viewed as pieces of a puzzle that represent all the different research areas that have to be taken into consideration in discussing the role of the amygdala in emotion and memory. Although the primary goal of this book is to inform experts and newcomers of some of the latest data in the field of brain structures involved in mechanisms underlying emotional learning and memory, we hope it will also help to stimulate discussion on the functional role of the amygdala and connected brain structures in these mechanisms.

⇒ Ausführliche Angaben: HT020309589

Ferry, Barbara: The Amygdala - Where Emotions Shape Perception, Learning and Memories
English. Inhaltliche Zusammenfassung: The amygdala is a central component of the limbic system, which is known to play a critical role in emotional processing of learning and memory. Over these last 20 years, major advances in techniques for examining brain activity greatly helped the scientific community to determine the nature of the contribution of the amygdala to these fundamental aspects of cognition. Combined with new conceptual breakthroughs, research data obtained in animals and humans have also provided major insights into our understanding of the processes by which amygdala dysfunction contributes to various brain disorders, such as autism or Alzheimers disease. Although the primary goal of this book is to inform experts and newcomers of some of the latest data in the field of brain structures involved in mechanisms underlying emotional learning and memory, we hope it will also help to stimulate discussion on the functional role of the amygdala and connected brain structures in these mechanisms.

⇒ Ausführliche Angaben: HT020308327

Feuerstein, Georg / Payne, Larry / Muhr, Judith: Yoga für Dummies
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 610DNB 610DNB
⇒ DDC (Dewey Decimal Classification):
  - 61023sdbn 61023sdbn
⇒ Ausführliche Angaben: HT020314695

Feyereisen, Justine / Touret, Michèle / Taillot, Allison: Femmes en guerres
French. Inhaltliche Zusammenfassung: War is usually considered a mens affair, where women would only play secondary roles. Although they are actresses and witnesses of history, they constantly see their experience devalued. Yet, given the scale of the conflicts of the nineteenth and twentieth centuries, the entire population was affected. Since women have mobilized in different ways, it seems important to promote a reading of the warlike phenomenon according to the prism of the genre. This book is part of this perspective. By collecting contributions from historians and writers, this book describes both the complexity of womens wartime experiences and their representations in literature.

⇒ Ausführliche Angaben: HT020309873

**Fiaschi, Tania: Mechanisms of Adiponectin Action**
eng. Inhaltliche Zusammenfassung: The adipokine adiponectin is very concentrated in plasma, and decreased levels of adiponectin are associated with pathological conditions such as obesity, diabetes, cardiovascular diseases, and metabolic syndrome. When produced in its full-length form, adiponectin self-associates to generate multimeric complexes. The full-length form of adiponectin can be cleaved by the globular form of elastase that is produced locally, and the resulting biological effects are exerted in a paracrine or autocrine manner. The different forms of adiponectin bind to specific receptors consisting of two G-protein-independent, seven-transmembrane-spanning receptors, called AdipoR1 and AdipoR2, while T-cadherin has been identified as a potential receptor for high molecular weight complexes of adiponectin. Adiponectin exerts a key role in cellular metabolism, regulating glucose levels as well as fatty acid breakdown. However, its biological effects are heterogeneous, involving multiple target tissues. The Special Issue "Mechanisms of Adiponectin Action" highlights the pleiotropic role of this hormone through 3 research articles and 7 reviews. These papers focus on the recent knowledge regarding adiponectin in different target tissues, both in healthy and in diseased conditions.

⇒ Ausführliche Angaben: HT020307418

**Figuie, Muriel / Morand, Serge: Emergence of infectious diseases**
English. Inhaltliche Zusammenfassung: From SARS to avian influenza, Ebola virus and MERS-CoV, infectious diseases have received increasing attention in recent decades from scientists, risk managers, the media and the general public. What explains the constant emergence of infectious diseases? What are the related challenges? In five chapters, experts from different scientific fields analyse the ecological, social, institutional and political dynamics associated with emerging infectious diseases. This book discusses how the concepts, scientific results and action plans of international or governmental organizations are constructed and coordinated. In clear straightforward language, this book explores the continuities and discontinuities that occur with emerging infectious diseases, both in terms of collective action and in our relationship to the biological world.

⇒ Ausführliche Angaben: HT020310367

**Filho, Luis Fernando da Silva Rodrigues / Sales, João Bráullio de Luna: Chondrichthyes - Multidisciplinary Approach**
English. Inhaltliche Zusammenfassung: Chondrichthyes are a group of cartilaginous fish, where we have sharks, rays, and chimeras as members. This group plays an important role in aquatic ecology, as they act as predators throughout the food chain (e.g., sharks). However, many populations of Chondrichthyes are threatened by several factors (increased direct fishing, high mortality rate as accompanying fauna, marine pollution, habitat destruction, et cetera). These declines are evident in many parts of the world and have come to the attention of scientists, conservation organizations, the media, and the general public. Fisheries legislature regulating international fisheries markets has been amended to provide greater protection for this group along with other species of fish. However, little is known about these species,
which reinforces the importance of studies in order to have a better understanding of the elasmobranch stocks, as well as to identify the influences of the anthropic action of fishing. In response to knowledge on the low sustainability of cartilaginous fish fisheries on a global scale, FAO has developed an international plan of action for the management and conservation of these fish, with the aim of developing and implementing national plans of action to ensure management and conservation of these stocks, having as main recommendation the collection of information about the Chondrichthyes, especially the sharks. Even so, this group is little known in terms of biodiversity, ecology, behavior, and a host of other characteristics relevant to this taxon, which is very worrying. Chondrichthyes - Multidisciplinary Approach attempts to portray to the readers up-to-date information on Chondrichthyes to promote an overview of the current taxon, serving as an indispensable source of access to more accurate and detailed information on shark rays and chimeras.

⇒ Ausführliche Angaben: HT020308520

Filiol, Eric / Bannier, Arnaud: Partition-Based Trapdoor Ciphers
English. Inhaltliche Zusammenfassung: Block encryption algorithms are now the most widely used cipher systems in the world to protect our communications and our data. Despite the fact that their design is open and public, there is absolutely no guarantee that there do not exist hidden features, at the mathematical design level, that could enable an attacker to break those systems in an operational way. Such features are called backdoors or trapdoors. The present book intends to address the feasibility of a particular class of such backdoors based on partitioning the plaintext and ciphertext message spaces. Going from the theory to the practical aspects, it is shown that mathematical backdoors in encryption systems are possible. This book, thus, intends to initiate a new field of research.

⇒ Ausführliche Angaben: HT020308433

Filipovic, Branislav / Starcevic, Ana: Prefrontal Cortex
English. Inhaltliche Zusammenfassung: The prefrontal cortex reaches its greatest development in the human brain, making up nearly one third of the neocortex. Due to its remarkable evolution, the prefrontal cortex plays an important role in higher integrative functions such as information processing, thinking, understanding, attention, behavior, motivation, emotions, working memory, and analysis. This book brings together theoretical and technical research advances on the prefrontal cortex, from the basic explanations of the neuronal architecture of the prefrontal cortex and its anatomy, presenting it as a morphological substrate for many psychological conditions, through normal and altered connectivity and its manifestation in different behavior and identification of organizational levels inside the prefrontal cortex through different neuroimaging methods. It also provides an interdisciplinary view of the prefrontal cortex and its issues and discovers the main role of this part of brain in psychosocial, economic, and cultural adaptation.

⇒ Ausführliche Angaben: HT020309038

Finis, Sebastian: Basketball
EAN: 9783840376962.

⇒ Ein Medium
  - Freihand:
  ➞ DDC (Dewey Decimal Classification):
    - 796DNB 796DNB
  ➞ DDC (Dewey Decimal Classification):
    - 79623sdnb 79623sdnb

⇒ Ausführliche Angaben: HT020312471

Finkbeiner, Florian / Trittel, Katharina / Geiges, Lars: Rechtsradikalismus in Niedersachsen
⇒ Ausführliche Angaben: HT020310398

English. Inhaltliche Zusammenfassung: This volume provides a comprehensive guide to three major theaters of combat: the Atlantic, the Mediterranean, and the Indian Ocean. The war at sea was a critical contest, as sea-lanes provided the logistical arteries for British and subsequent Allied armies fighting on the three continents of Africa, Asia, and Europe. Land forces ultimately won World War II, but the battles at sea fundamentally altered the balance of military power on the ground.
⇒ Ausführliche Angaben: HT020310089

Firstenberg, Michael S.: Advanced Concepts in Endocarditis
English. Inhaltliche Zusammenfassung: Endocarditis is a disease process that involves an infection of the heart, cardiac structures, or implantable cardiac support devices and can be a difficult clinical problem. As patients get older and have more comorbidities, their risks for infection increase. In addition, the growing problem of intravenous substance abuse has led to a considerable increase in these patients developing endocarditis. Advances in medical technology have facilitated diagnosis and management, particularly with greater emphasis on early surgical intervention. Nevertheless, success requires a team approach and individualization of care in the setting of very complex medical, surgical, and ethical problems. The goal of this book is to illustrate some of the evolving challenges and controversies in managing these very complex and often extremely sick patients.
⇒ Ausführliche Angaben: HT020308967

Firstenberg, Michael S.: Advances in Extra-corporeal Perfusion Therapies
English. Inhaltliche Zusammenfassung: Extracorporeal membrane oxygenation (ECMO) has evolved into an exciting and valuable tool to assist in the management of patients experiencing cardiogenic shock, severe acute respiratory failure, or often a combination of both. While outcomes remain less than ideal, they continue to improve with team experience, better patient selection, and a growing understanding of the nuances of managing patients who require mechanical circulatory support. Patients requiring ECMO are often extremely sick and have complex problems - initiating therapy before the development of end-organ damage is critical. Without doubt, teamwork, guidelines, and protocols are cornerstone concepts for clinical and program success - all topics that are emphasized in this text. The goals of this text are to further outline topics that help address some of the key challenges providers face when considering and applying extracorporeal support therapies to the evolving spectrum of acutely ill patients.
⇒ Ausführliche Angaben: HT020309184

Firstenberg, Michael S.: Contemporary Challenges in Endocarditis
English. Inhaltliche Zusammenfassung: Endocarditis remains an elusive challenge for clinicians to master. As the population ages and their comorbidities increase, the risk of infecting cardiac structures - both native and, the ever-increasing use of, prosthetic support technology - also increases. In addition, the global epidemic of intravenous substance abuse has also resulted in a substantial increase in the number of infected patients. Fortunately, advances in the diagnostic testing, imaging, and recognition of the importance of a multidisciplinary management team have also contributed to advances in the care of these critically ill patients. Nevertheless, optimal therapies need to be individualized and considered in the ever-increasing body of scientific literature on this complex and difficult problem.

⇒ Ausführliche Angaben: HT020308080

Firstenberg, Michael S.: Embolic Diseases - Unusual Therapies and Challenges
English. Inhaltliche Zusammenfassung: Embolic complications of common, or sometimes uncommon, medical issues represent a significant management challenge. In addition, special populations might require unique approaches to prevention and primary disease management. Similarly, unusual embolic problems can manifest as both diagnostic and therapeutic challenges. Despite evolving guidelines to the prevention, diagnosis, and management of common diseases that can result in embolic complications, unfortunately, for many problems, such guidelines, randomized trials, or even recommendations based upon high-quality literature are lacking. Several chapters in this book are dedicated to summarizing the available data and experiences to help guide bedside care. The goal of this book is to emphasize some of the more unusual presentations and diagnostic and management aspects of embolic complications. The pathophysiologies and prevention strategies in unique patient populations are also emphasized. Clearly, a multidisciplinary team approach is critical to dealing with all aspects of these unusual and perplexing problems.

⇒ Ausführliche Angaben: HT020308311

Firstenberg, Michael S. / Stawicki, Stanislaw P.: Vignettes in Patient Safety - Volume 2
English. Inhaltliche Zusammenfassung: Over the past two decades, the healthcare community increasingly recognized the importance and the impact of medical errors on patient safety and clinical outcomes. Medical and surgical errors continue to contribute to unnecessary and potentially preventable morbidity and/or mortality, affecting both ambulatory and hospital settings. The spectrum of contributing variables-ranging from minor errors that subsequently escalate to poor communication to lapses in appropriate protocols and processes (just to name a few)-is extensive, and solutions are only recently being described. As such, there is a growing body of research and experiences that can help provide an organized framework-based upon the best practices and evidence-based medical principles-for hospitals and clinics to foster patient safety culture and to develop institutional patient safety champions.-.

⇒ Ausführliche Angaben: HT020308537

Firstenberg, Michael S. / Stawicki, Stanislaw P.: Vignettes in Patient Safety - Volume 3
English. Inhaltliche Zusammenfassung: Over the past decade it has been increasingly recognized that medical errors constitute an important determinant of patient safety, quality of care, and clinical outcomes. Such errors are both directly and indirectly responsible for unnecessary and potentially preventable morbidity and/or mortality across our healthcare institutions. The spectrum of contributing variables or root causes - ranging from minor errors that escalate, poor teamwork and/or communication, and lapses in appropriate protocols and processes (just to name a few) - is both extensive and heterogeneous. Moreover, effective solutions are few, and many have only recently been described. As our healthcare systems
mature and their focus on patient safety solidifies, a growing body of research and experiences emerges to help provide an organized framework for continuous process improvement. Such a paradigm - based on best practices and evidence-based medical principles - sets the stage for hardwiring the right things to do into our institutional patient care matrix. Based on the tremendous interest in the first two volumes of The Vignettes in Patient Safety series, this third volume follows a similar model of case-based learning. Our goal is to share clinically relevant, practical knowledge that approximates experiences that busy practicing clinicians can relate to. Then, by using evidence-based approaches to present contemporary literature and potential contributing factors and solutions to various commonly encountered clinical patient safety scenarios, we hope to give our readers the tools to help prevent similar occurrences in the future. In outlining some of the best practices and structured experiences, and highlighting the scope of the problem, the authors and editors can hopefully lend some insights into how we can make healthcare experiences for our patients safer.

⇒ Ausführliche Angaben: HT020308955

Firstenberg, Michael S. / Stawicki, Stanislaw P.: Vignettes in Patient Safety - Volume 4
English. Inhaltliche Zusammenfassung: Medical errors contribute significantly to morbidity and mortality across our healthcare institutions. Due to the increasing complexity of the modern medical practice, a perfect storm of regulatory, market, social, and technical factors, and other competing priorities, created an environment that is primed for patient safety lapses. The spectrum of contributing variables - ranging from minor errors that subsequently escalate, poor communication, and protocol/process non-compliance (just to name a few) - is extensive and solutions are only recently being described. As such, there is a growing body of research and experiences that can help provide an organized framework - based on best practices and evidence-based medical principles - for healthcare organizations to develop, implement, and embrace. Based on the tremendous interest in the initial three volumes of our Vignettes in Patient Safety series, this fourth volume follows a similar model of outlining a patient safety case based on experiences that many clinicians can relate to, and then discusses various factors that may have contributed to a medical error, complication, and/or poor outcome. Building on a problem-based clinical vignette, each chapter then outlines an evidence-based approach to present any related literature, pertinent evidence, and potential contributing factors and solutions to common patient safety occurrences. By focusing on some of the best practices, structured experiences, and objective approaches to medical error genesis, the authors and editors hopefully can lend some insights into how we can make healthcare encounters for all patients, across all settings, better and safer.

⇒ Ausführliche Angaben: HT020309493

Fischer, Arne: Die Legitimität des Sportwettbetruges (§265cStGB)
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 340DNB 340DNB
⇒ DDC (Dewey Decimal Classification):
  - 34023dnb 34023dnb
⇒ Ausführliche Angaben: HT020314657

Fisher, Edward: Application Specific Integrated Circuits - Technologies, Digital Systems and Design Methodologies
English. Inhaltliche Zusammenfassung: The field of application-specific integrated circuits
ASICs) is fast-paced being at the very forefront of modern nanoscale fabrication—and presents a deeply engaging career path. ASICs can provide us with high-speed computation in the case of digital circuits. For example, central processing units, graphics processing units, field-programmable gate arrays, and custom-made digital signal processors are examples of ASICs and the transistors they are fabricated from. We can use that same technology-complementary metal-oxide semiconductor processes—to implement high-precision sensing of or interfacing to the world through analog-to-digital converters, digital-to-analog converters, custom image sensors, and highly integrated micron-scale sensors such as magnetometers, accelerometers, and microelectromechanical machines. ASIC technologies—now transitioning toward magnetoresistive and phase-changing materials—also offer digital memory capacities that have aided our technological progress. Combining these domains, we have moved toward big data analytics and the new era of artificial intelligence and machine learning. This book provides a small selection of chapters covering aspects of ASIC development and the surrounding business model.

⇒ Ausführliche Angaben: HT020309340

German.
⇒ Ausführliche Angaben: HT020310009

Fitzgerald, Michael: Autism Spectrum Disorder - Recent Advances
English. Inhaltliche Zusammenfassung: This book starts with a new sub category of Autism Criminal Autistic Psychopathy and school shootings. It focuses on a number of interventions, including speech and language pathology, speech and language assessment instruments, occupational therapy, improving functional language development in autism with natural gestures, communication boards etc as well as helping people with autism using the pictorial support, training of concepts of significant others, theory of mind, social concepts and a conceptual model for empowering families of children with autism cross culturally. It also examines the issue of hyperandrogenism and evidence-based treatments of autism. In terms of assessment, it focuses on psychological and biological assessment including neurotransmitters systems, structural and functional brain imaging, coping strategies of parents, examines the intertwining of language impairment, specific language impairment and ASD, as well as implicit and spontaneous Theory of Mind reading in ASD. In terms of aetiology, it focuses on genetic factors, epigenetics, synaptic vesicles, toxicity during neurodevelopment, immune system and sex differences. It also examines the link between social cognitive anatomical and neurophysiologic biomarkers and candidate genes. This book will be relevant to all mental health professionals because autism occurs in all the different areas of psychiatry and professionals who will find it helpful will be psychiatrists, psychologists, social workers, nurses, teachers and all those working with persons with Autism including parents who nowadays are interested in knowing more and more, at a detailed level about their children or adults with autism.
⇒ Ausführliche Angaben: HT020307983

Fitzgerald, Michael / Yip, Jane: Autism - Paradigms, Recent Research and Clinical Applications
English. Inhaltliche Zusammenfassung: This book opens with a discussion of neurodiversity and an elaboration of the diagnosis of autism. It then examines factors correlating with autism, including sex bias, month of birth, migration and impact of infant feeding. The next section is on the impact of autism. The neurobiology and genetic section deals with epigenetics and intracellular pathways associated with etiology. The development and behaviour section deals with proprioceptive profiles and joint attention in autism. The final section focuses on interventions including mindfulness, animal assisted activity, social/cultural perspective on
autism intervention and physical activity. The book is relevant to all professionals and researchers working with persons with autism, including psychiatrists/psychologists, speech and language therapists, occupational therapists, teachers, nurses and care workers.

⇒ Ausführliche Angaben: HT020308218

Flack, Lisa: Lieblingsspiele
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 370DNB 370DNB
⇒ DDC (Dewey Decimal Classification):
  - 37023sdbname 37023sdbname
⇒ Ausführliche Angaben: HT020311534

Flauzino, Rogerio Andrade / Silva, Ivan Nunes Da: Smart Cities Technologies
English. Inhaltliche Zusammenfassung: What are smart cities? What are their purposes? What are the impacts resulting from their implementations? With these questions in mind, this book is compiled with the primary concern of answering readers with different profiles; from those interested in acquiring basic knowledge about the various topics surrounding the subject related to smart cities, to those who are more motivated by knowing the technical elements and the technological apparatus involving this theme. This book audience is multidisciplinary, as it will be confirmed by the various chapters addressed here. It explores different knowledge areas, such as electric power systems, signal processing, telecommunications, electronics, systems optimization, computational intelligence, real-time systems, renewable energy systems, and Information systems.
⇒ Ausführliche Angaben: HT020308098

Flemming, Rebecca: Chapter One (The Wrong Kind of) Gonorrhea in Antiquity
English. Inhaltliche Zusammenfassung: Studying the relationship between disease and fertility in antiquity is challenging. The first difficulty is establishing the presence, and then prevalence, of any particular condition before an assessment can be made of its demographic impact. In the case of what are now called sexually transmitted infections (STIs), the empirical obstacles to identifying such infections in the classical world are exacerbated by the moralizing that attends discussions of sexual practice and that has so strongly characterized the ways sexual behavior and pathology have been, and continue to be, conceptually conjoined. Julius Rosenbaum’s influential and exhaustive nineteenth-century exploration of the ancient history of syphilis (broadly construed), for example, is based on the assumption that venereal diseases are caused by the “abuse” of the genital organs for nonprocreative purposes. Their history is, therefore, the history of human “lasciviousness and debauchery,” and there was so much of that in classical Greece and Rome that syphilis and all kinds of genital afflictions necessarily followed.
⇒ Ausführliche Angaben: HT020309688

Flexner, James / Leclerc, Mathieu: Archaeologies of Island Melanesia
English. Inhaltliche Zusammenfassung: Island Melanesia is a remarkable region in many respects, from its great ecological and linguistic diversity, to the complex histories of settlement and interaction spanning from the Pleistocene to the present. Archaeological research in Island Melanesia is currently going through a vibrant phase of exciting new discoveries and
challenging debates about questions that apply far beyond the region. This volume draws together a variety of current perspectives in regional archaeology for Island Melanesia, focusing on Vanuatu, the Solomon Islands, New Caledonia and Papua New Guinea. It features both high-level theoretical approaches and rigorous data-driven case studies covering recent research in landscape archaeology, exchange and material culture, and cultural practices.

⇒ Ausführliche Angaben: HT020307509

Fließel, Geneviève / Trouche, Gilles / Ratnadass, Alain: Le sorgho
French. Inhaltliche Zusammenfassung: Sorghum is a vital food crop for populations in arid and sub-arid areas. It is also cultivated in temperate areas for animal feed. This book addresses all aspects of the plant (biology, genetics, sensitivity to pests) together with the cultivation systems, harvesting methods and how it is processed into human food. A wealth of illustrations supplement the in-depth, up-to-date knowledge on sorghum, its ecological functions and integrated protection.

⇒ Ausführliche Angaben: HT020310354

Flinchbaugh, Michelle: Transforming Acquisitions and Collection Services
English. Inhaltliche Zusammenfassung: This book explores ways in which libraries can reach new levels of service, quality, and efficiency while minimizing cost by collaborating in acquisitions. In consortial acquisitions, a number of libraries work together, usually in an existing library consortia, to leverage size to support acquisitions in each individual library. In cross-functional acquisitions, acquisitions collaborates to support other library functions. For the library acquisitions or technical services manager, or the library director, awareness of different options for effective consortial and cross-functional acquisitions allows for the optimization of staff and resources to reach goals. This work presents those options in the form of case studies, as well as useful analysis of the benefits and challenges of each. By supporting each other’s acquisitions services in a consortium, libraries leverage size to get better prices, and share systems and expertise to maximize resources while minimizing costs. Within libraries, the library acquisitions function can be combined with other library functions in a unit with more than one purpose, or acquisitions can develop a close working relationship with another unit to support their work. This book surveys practice at different libraries, and at different library consortia, and presents a detailed description and analysis of a variety of practices for how acquisitions units support each other within a consortium, and how they work with other library units, specifically collection management, cataloging, interlibrary loan, and the digital repository, in the form of case studies. A final sections of the book covers fundamentals of collaboration.

⇒ Ausführliche Angaben: HT020309850

Flößer, Cathrin: Bodenarbeit
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 796DNB 796DNB
⇒ DDC (Dewey Decimal Classification):
  - 79623sdb 79623sdb
⇒ Ausführliche Angaben: HT020311504

Flores, Ricardo J. / Man, Tsz-Kwong / Leung, Hon-Chiu Eastwood: Integrative Proteomics
English. Inhaltliche Zusammenfassung: Proteomics was thought to be a natural extension after the field of genomics has deposited significant amount of data. However, simply taking a straight verbatim approach to catalog all proteins in all tissues of different organisms is not viable. Researchers may need to focus on the perspectives of proteomics that are essential to the functional outcome of the cells. In Integrative Proteomics, expert researchers contribute both historical perspectives, new developments in sample preparation, gel-based and non-gel-based protein separation and identification using mass spectrometry. Substantial chapters are describing studies of the sub-proteomes such as phosphoproteome or glycoproteomes which are directly related to functional outcomes of the cells. Structural proteomics related to pharmaceutics development is also a perspective of the essence. Bioinformatics tools that can mine proteomics data and lead to pathway analyses become an integral part of proteomics. Integrative proteomics covers both look-backs and look-outs of proteomics. It is an ideal reference for students, new researchers, and experienced scientists who want to get an overview or insights into new development of the proteomics field.
⇒ Ausführliche Angaben: HT020307851

Peter Flügel: Studies in Jaina History and Culture
English. Inhaltliche Zusammenfassung: The last ten years have seen interest in Jainism increasing, with this previously little-known Indian religion assuming a significant place in religious studies. Studies in Jaina History and Culture breaks new ground by investigating the doctrinal differences and debates amongst the Jains rather than presenting Jainism as a seamless whole whose doctrinal core has remained virtually unchanged throughout its long history. The focus of the book is the discourse concerning orthodoxy and heresy in the Jaina tradition, the question of omniscience and Jaina logic, role models for women and female identity, Jaina schools and sects, religious property, law and ethics. The internal diversity of the Jaina tradition and Jain techniques of living with diversity are explored from an interdisciplinary point of view by fifteen leading scholars in Jaina studies. The contributors focus on the principal social units of the tradition: the schools, movements, sects and orders, rather than Jain religious culture in abstract. Peter Flügel provides a representative snapshot of the current state of Jaina studies that will interest students and academics involved in the study of religion or South Asian cultures.
⇒ Ausführliche Angaben: HT020310131

Enas Mahmoud Foda / Samia Ali Abdo Gamie: Essentials of Abdominal Ultrasound
English. Inhaltliche Zusammenfassung: Abdominal ultrasound is a bedside diagnostic tool that helps to discover many abdominal problems. It is a safe and painless procedure that has proven extremely useful for patient workup and diagnosis. This book illustrates the use of ultrasound for all the various organs of the abdomen. Each chapter covers a different organ and presents the latest knowledge and techniques of imaging. The content contained within is relevant across many specialties, including radiology and internal medicine, and is useful for physicians and medical residents and students alike.
⇒ Ausführliche Angaben: HT020309531

Karen Fog Olwig: Global Culture, Island Identity
English. Inhaltliche Zusammenfassung: Looking at the development of cultural identity in the global context, this text uses the approach of historical anthropology. It examines the way in which the West Indian Community of Nevis, has, since the 1600s, incorporated both African and European cultural elements into the framework of social life, to create an Afro-Caribbean
culture that was distinctive and yet geographically unbounded - a global culture. The book takes as its point of departure the processes of cultural interaction and reflectivity. It argues that the study of cultural continuity should be guided by the notion of cultural complexity involving the continuous constitution, development and assertion of culture. It emphasizes the interplay between local and global cultures, and examines the importance of cultural display for peoples who have experienced the process of socioeconomic marginalization in the Western world.

⇒ Ausführliche Angaben: HT020310244

**Fonseca, Cesar Joao Vicente da: Worldwide Wound Healing - Innovation in Natural and Conventional Methods**
English. Inhaltliche Zusammenfassung: The book Worldwide Wound Healing - Innovation in Natural and Conventional Methods develops a set of themes on the healing and treatment of complex wounds through evidence-based practice with innovations in the use of natural and conventional methods. It is an innovative way that promotes the integration of conventional and natural perspectives in wound healing, with a unique focus on the quality of life of the patient.

⇒ Ausführliche Angaben: HT020308100

**Fonseca, Cláudia Damasceno / Teixeira, Maria Juliana Gambogi / Fonseca, Cláudia Damasceno: Arraiães e vilas do rei: espaço e poder nas Minas setecentistas**
Portuguese. Inhaltliche Zusammenfassung: A afirmação de que Minas Gerais era a capitania mais urbanizada da colônia tornou-se quase um lugar-comum na historiografia brasileira. Poucos pesquisadores, no entanto, colocaram a questão urbana no centro de suas reflexões. Num enfoque interdisciplinar, que associa temas e métodos da história, da geografia e do urbanismo, Cláudia Damasceno Fonseca analisa as relações entre espaço e poder em suas múltiplas escalas e dimensões, revelando novas facetas da história política, socioeconômica e religiosa das Minas setecentistas.

⇒ Ausführliche Angaben: HT020307352

**Fontaine, Philippe / Leonard, Robert: The Experiment in the History of Economics**
English. Inhaltliche Zusammenfassung: Throughout the history of economic ideas, it has often been asserted that experimentation is impossible, yet, in fact, history shows that the idea of ‘experimentation’ has always been important, and as such has been interpreted and put to use in many ways. Rich in historical detail, the essays in this topical volume deal with such issues as laboratory experimentation, the observed transition from a post-war economics to a contemporary discipline, the contrasting positions of Friedrich Hayek and Oskar Morgenstern, the socio-economic experiments proposed by Ernest Solvay and Knut Wicksell, and a rigorous examination of the way in which economic models can or cannot be construed as valid experiments producing useful knowledge. A testament to the variety of ways in which experimentation has been of importance in the creation of economic knowledge, these wide-ranging essays will interest those seeking to expand their historical understanding of the discipline, be they theorists, historians, philosophers, advanced students or researchers.

⇒ Ausführliche Angaben: HT020310106

**Foreman-Peck, Lorraine / Ashkroft, Kate: The Lecturers Guide to Quality and Standards in Colleges and Universities**
English. Inhaltliche Zusammenfassung: A follow-up volume to Managing Teaching and Learning in Further Education and Higher Education, this text provides a guide to managing
quality and standards from the lecturers point of view. It covers key issues such as teaching, learning, student support, assessment, evaluation, course design, bidding for and managing resources, marketing and research.; Based on the model of lecturer as reflective practitioner, this book is intended to help enable the lecturer to make sense of the changing climate of quality control and academic standards. Its interactive design introduces stimulating ideas and suggestions for further reading and provides guidelines on issues of relevance to individual readers.

⇒ Ausführliche Angaben: HT020310099

Forges Davanzati, Guglielmo: Ethical Codes and Income Distribution
English. Inhaltsliche Zusammenfassung: In contemporary non-mainstream economic debate, it is widely thought that the functioning of a market economy needs a set of rules (i.e. institutions) which bind agents in their behaviour, allowing efficient outcomes. This idea is contrary to the General Equilibrium Model (GEM) where markets are pictured as working in an institutional vacuum and where social and historical variables play no role. However, in more recent times, a large group of economists have begun to insert social and moral variables into standard models based on the rational choice paradigm, following the increasing interest - on the part of firms - in the possible positive effects of adopting ethical codes. In this key new text Guglielmo Davanzati studies this burgeoning view that ethics and economics can be compatible. Does ‘morality’ affect income distribution? And, if so, what are the effects of the widespread adoption of ethical codes on the functioning of the labour market? Central to Davanzati’s efforts is the thesis that the roots of these new developments can be traced back to the pioneering work of Thorstein Veblen and John Bates Clark. Utilizing their contrasting works, Davanzati’s text illuminates the propagation of ethical codes within the two opposing frameworks id est the neoclassical and the institutional. Davanzati’s important book will be an invaluable reference for readers interested in history of economic thought, economics and moral philosophy.

⇒ Ausführliche Angaben: HT020310260

Forsyth, Ann: Constructing Suburbs
English. Inhaltsliche Zusammenfassung: Examining the debate between activists and professional planners over the vision of the future of a large growth corridor in Sydney, Australia, this case study maps the history of development from the late sixties to the mid-nineties, during which time serious environmental and financial problems arose. The book outlines five major visions of the future development and examines forms of political, economic, and institutional power applied by the parties in the project, with emphasis on the processes of infrastructure privatization and ecological impacts. The conclusion reflects on contemporary dilemmas about pluralism.

⇒ Ausführliche Angaben: HT020310282

Fortin, Christophe / El-Baalbaki, Ghassan: A Multidimensional Approach to Post-Traumatic Stress Disorder - from Theory to Practice
English. Inhaltsliche Zusammenfassung: Is the heart rate variability biofeedback a promising intervention for PTSD? Is there a link between early traumatic events in life and the presence of psychopathology and interpersonal difficulties in adulthood? Wondering what is the next step for humanistic, psychodynamic, or CBT therapists working with PTSD patients? Look no further. A Multidimensional Approach to Post-Traumatic Stress Disorder - From Theory to Practice explores the PTSD through the lens of the biopsychosocial model. The various topics covered in this book - from the neuro-bio-physiological aspects to the clinical and methodological dimensions involved in investigating the PTSD - address a wide variety of concerns regarding the disorder. The authors of the chapters are internationally renowned
leaders in their field of science, sharing both the results of their latest investigations and their thoughtful perspectives on future fundamental and clinical research on PTSD. The knowledge shared by the authors results in an engaging and scientific experience for the initiated reader, yet accessible to the newcomers who are just learning about PTSD.

⇒ Ausführliche Angaben: HT020308076

**Foss Goodman, Lauren: A Heart Beating Hard**
English. Inhaltliche Zusammenfassung: A story about the passed-along People, about how we are the same and how we are different, about how we become who we are and how we protect our most private places from the cold glare of all that we cannot control.

⇒ Ausführliche Angaben: HT020310336

**Foster, C. Stephen / Rodriguez-Garcia, Alejandro: Advances in the Diagnosis and Management of Uveitis**
English. Inhaltliche Zusammenfassung: Uveitis is the fifth cause of visual loss in the developed world, accounting for up to 20% of legal blindness. Visual loss due to uveitis currently has a significant impact on the productivity and quality of life of many patients worldwide. Therefore, advances in diagnostic techniques and therapeutic strategies are crucial for patients suffering from the disease. Improvements in our understanding of the pathogenic mechanisms, development of more accurate diagnostic tests, and better treatment alternatives come from the continuous efforts of researchers from all over the world who are committed to improving the standard of care of patients suffering from these potentially blinding diseases. This book focuses on the most recent advances in diagnostic techniques for primary and systemic-associated autoimmune and infectious uveitis, as well as new therapeutic strategies that have significantly reduced the rate of ocular complications and improved the visual outcome of patients suffering from these devastating disorders.

⇒ Ausführliche Angaben: HT020309393

**Fotheringham, Lynn S.: Persuasive Language in Cicero**
English. Inhaltliche Zusammenfassung: This innovative approach to Cicero’s persuasive language analyses the style and structure of one of his important speeches in more detail than has ever been done before. It applies ideas from modern linguistics (sentential topic, lexical patterning, interactional discourse), and explores the possibilities and limitations of quantitative analysis, made easier by modern computing power, in the areas of syntax and vocabulary. The result is a reading of Pro Milone as a unified text, whether aimed at persuading the jury to acquit Milo or at persuading a wider audience that Milo should have been acquitted. This reading not only contributes to our understanding of late republican discourse, but also suggests a new methodology for using the study of language and style to illuminate literary/historical aspects of texts.

⇒ Ausführliche Angaben: HT020309733

**Foundation, Mozilla: Internet Health Report 2019**
English. Inhaltliche Zusammenfassung: This annual report is a call to action to recognize the things that are having an impact on the internet today, and to embrace the notion that we as humans can change how we make money, govern societies, and interact with one another online. We invite you to participate in setting an agenda for how we can work together to create an internet that truly puts people first. This book is neither a country-level index nor a doomsday clock. Our intention is to show that while the worldwide consequences of getting things wrong with the internet could be huge - for peace and security, for political and individual freedoms, for human equality - the problems are never so great that nothing can be done. More people than you imagine are working to make the internet healthier by applying their skills, creativity, and personal bravery to business, technology, activism, policy
and regulation, education, and community development. This annual report is a call to action to recognize the things that are having an impact on the internet today, and to embrace the notion that we as humans can change how we make money, govern societies, and interact with one another online. We invite you to participate in setting an agenda for how we can work together to create an internet that truly puts people first. This book is neither a country-level index nor a doomsday clock. Our intention is to show that while the worldwide consequences of getting things wrong with the internet could be huge - for peace and security, for political and individual freedoms, for human equality - the problems are never so great that nothing can be done. More people than you imagine are working to make the internet healthier by applying their skills, creativity, and personal bravery to business, technology, activism, policy and regulation, education, and community development.

⇒ Ausführliche Angaben: HT020310394

**Fouzia, Houma Bachari: Monitoring of Marine Pollution**


English. Inhaltliche Zusammenfassung: Many of the pollutants discharged into the sea are directly or indirectly the result of human activities. Some of these substances are biodegradable, while others are not. This study is devoted to monitoring areas of the environment. Methods assessment is based on monitoring data and an evaluation of the impact of pollution. Surveillance provides a scientific basis for standards development and application. The methodology of marine pollution control is governed by algorithms and models. A monitoring strategy should be put in place, coupled with an environmental assessment concept, through targeted research activities in areas identified at local and regional levels. This concept will make it possible to diagnose the state of health of these zones and consequently to correct any anomalies. Monitoring of the marine and coastal environment is based on recent methods and validated after experiments in the field of marine pollution.

⇒ Ausführliche Angaben: HT020309408

**Francini, Alessandra / Sebastiani, Luca: Abiotic Stress Effects on Performance of Horticultural Crops**


English. Inhaltliche Zusammenfassung: Horticultural crop yield and quality depend on genotype, environmental conditions, and production management. In particular, adverse environmental conditions may greatly affect crop performance, reducing crop yield by 50%-70%. Abiotic stresses such as cold, heat, drought, flooding, salinity, nutrient deficiency, and ultraviolet radiation affect multiple physiological and biochemical mechanisms in plants as they attempt to cope with the stress conditions. However, different crop species can have different sensitivities or tolerances to specific abiotic stresses. Tolerant plants may activate different strategies to adapt to or avoid the negative effect of abiotic stresses. At the physiological level, photosynthetic activity and light-use efficiency of plants may be modulated to enhance tolerance against the stress. At the biochemical level, several antioxidant systems may be activated, and many enzymes may produce stress-related metabolites to help avoid cellular damage, including compounds such as proline, glycine betaine, and amino acids. Within each crop species there is a wide variability of tolerance to abiotic stresses, and some wild relatives may carry useful traits for enhancing the tolerance to abiotic stresses in their progeny through either traditional or biotechnological breeding. The research papers and reviews presented in this book provide an update of the scientific knowledge of crop interactions with abiotic stresses.

⇒ Ausführliche Angaben: HT020309894

**Francis, Becky / Leathwood, Carole: Gender and Lifelong Learning**


English. Inhaltliche Zusammenfassung: This insightful book is ideal for students, researchers and policy makers wanting a sound overview of the critical issues of gender in lifelong learning. Asking pertinent questions relating to discourses on policy, the authors offer the reader
a rare view of lifelong learning from a gender-focused perspective, filling a gap in the literature and moving current debate on into new areas. Questions addressed include: To what extent can the policy discourses and institutional contexts of lifelong learning be seen as masculinised and/or feminised? What are the gender implications of lifelong learning policy? In what ways are learners’ identities constructed through lifelong learning? Does lifelong learning provide opportunities to challenge or transgress gender binaries? What are the implications for practice?.

Franco, Margareth K. K. D. / Yokaichiya, Fabiano: Small Angle Scattering and Diffraction
English. Inhaltliche Zusammenfassung: Reasoned and based on the difference between discovery and invention, according to the traditional conception, science can be distinguished between basic science and applied science. Nevertheless, we know that the sciences are inseparable. A century or more ago, Louis Pasteur said there is no applied science, there are applications of science. With this assertion, he establishes the logic of complementarity between them. Science certainly goes beyond its own material application and brings us to issues that have intrigued humanity for a long time. During the many years that we have been working with techniques of material characterization, we observed that this complementarity was not always understood by the researchers. In line with the reasoning that the technique joined with science generates technology, the application of techniques that use x-ray and neutron sources seems to us of fundamental importance for the development of technology. In this way, we present in this book how the existing technology of material characterization can contribute to science and applied technology. The authors who contributed with this book sought to show the importance of applying the existing techniques in the development of their works.

Franco, Mario: Entrepreneurship - Practice-Oriented Perspectives
English. Inhaltliche Zusammenfassung: Entrepreneurship has been seen as a phenomenon allowing economic development, job creation, increased productivity and innovation, but many studies do not include the causes of these events. Consequently, the objective of this book is to fill this gap by combining several studies from more practice-oriented perspectives. The various chapters presented here follow several approaches which researchers explore in different contexts and link to specific experiences in entrepreneurship. This book intends to contribute to better understanding of the phenomenon of entrepreneurship and innovation, and to show how these business practices can stimulate economic development in various countries and regions worldwide.

Franco, Mário: Positive and Negative Aspects of Outsourcing
English. Inhaltliche Zusammenfassung: Outsourcing has been seen as a phenomenon allowing competitive advantages for organizations, but some studies do not include the causes and consequences of this particular strategy. Consequently, the objective of this book is to fill this gap by combining several studies from different perspectives. The various chapters presented here follow several approaches, which researchers explore in different contexts. This book intends, therefore, to add to the body of knowledge about outsourcing. Furthermore, it shows how the outsourcing strategy can stimulate organizations development in various countries and regions worldwide.

Frantisek / Opravil, Tomáš / Ptácek, Petr: Introducing the Effective Mass of Activated Complex and the Discussion on the Wave Function of this
Instanton
English. Inhaltliche Zusammenfassung: Heterogeneous kinetics plays an important role in many scientific disciplines and industrial branches such as physical chemistry, materials science, chemical industry, ceramic industry, et cetera Although many excellent books on theories and methods can be found, the aim of this book is to provide an unconventional insight into the heterogeneous kinetics and properties of the activated complex. The introduction of the effective mass of this instanton enables to calculate many other properties, such as the most probable speed of activated complex, the momentum, the energetic density, the mass flux, et cetera, and to define two quantum numbers of activated state, id est, the activation energy and the momentum. The monograph is organized into three chapters. The first of them deals with a short historical background, which introduces the beginning of chemical kinetics in the historical context. The second chapter is dedicated to the transition state theory, and the third one explains the concept of effective mass and effective rate of activated state as well as other properties of activated complex.

⇒ Ausführliche Angaben: HT020308863

German.
⇒ Ausführliche Angaben: HT020309940

Frascolla, Bruna / Hume, David: Diálogos sobre a religião natural
Portuguese. Inhaltliche Zusammenfassung: David Hume (1711 - 1776) foi um filósofo, historiador e ensaísta escocês que se tornou conhecido pelo seu empirismo radical e ceticismo filosófico. Nos Diálogos, personagens de Hume debatem uma série de argumentos para a existência de Deus e os argumentos cujos proponentes acreditam que através do qual podermos vir a conhecer a natureza de Deus. Neste volume constam cartas desses dois períodos de revisão textual (id est, 1751-63 e 1776) onde Hume aluda aos Diálogos ou a discussões teológicas.
⇒ Ausführliche Angaben: HT020309673

Freeman, Elizabeth: Beside You in Time
English. Inhaltliche Zusammenfassung: In Beside You in Time Elizabeth Freeman expands biopolitical and queer theory by outlining a temporal view of the long nineteenth century. Drawing on Foucauldian notions of discipline as a regime that yoked the human body to time, Freeman shows how time became a social and sensory means by which people assembled into groups in ways that resisted disciplinary forces. She tracks temporalized bodies across many entangled regimes-religion, secularity, race, historiography, health, and sexuality-and examines how those bodies act in relation to those regimes. In analyses of the use of rhythmic dance by the Shakers; African American slave narratives; literature by Mark Twain, Pauline Hopkins, Herman Melville, and others; and how Catholic sacraments conjoined people across historical boundaries, Freeman makes the case for the body as an instrument of what she calls queer hypersociality. As a mode of being in which bodies are connected to others and their histories across and throughout time, queer hypersociality, Freeman contends, provides the means for subjugated bodies to escape disciplinary regimes of time and to create new social worlds.
⇒ Ausführliche Angaben: HT020310053

Freire, Rebeca Sobral: Hip-hop feminista? Convenções de gênero e feminismos no movimento Hip-hop soteropolitano
Portuguese. Inhaltliche Zusammenfassung: Nesse estudo, a autora analisa a existência de um hip-hop feminista jovem, negro, soteropolitano, a partir da perspectiva das mulheres inseridas nesse movimento, e interessa-se por compreender quais são suas concepções acerca do feminismo investigando se há e de que forma influenciam as experiências dessas mulheres diante de um contexto que dialoga com a cultura política local vigente. Esta obra faz parte da Coleção Bahianas que, desde sua primeira edição, em 1997, mostrou-se desafiadora e mantém-se como espaço de socialização de estudos teóricos e empíricos. Esses estudos buscam questionar os estereótipos e as convenções e de gênero que inscrevem lugares e posições distintas para mulheres e homens.
⇒ Ausführliche Angaben: HT020307357

Freitag, Barbara: Sheela-na-gigs
English. Inhaltliche Zusammenfassung: Here Barbara Freitag examines all the literature on the subject since their discovery 160 years ago, highlighting the inconsistencies of the various interpretations in regard to origin, function and name. By considering the Sheela-na-gigs in their medieval social context, she suggests that they were folk deities with particular responsibility for assistance in childbirth. This fascinating survey sheds new light on a controversial phenomenon, and also contains a complete catalogue of all known Sheela-na-gigs, including hitherto unrecorded or unpublished figures.
⇒ Ausführliche Angaben: HT020310139

Freter, Carl / Huang, Chunfa: Cholesterol Lowering Therapies and Drugs
English. Inhaltliche Zusammenfassung: Using natural products and developing pharmaceutical drugs are emerging topics to reduce blood cholesterol levels for preventing heart disease and stroke. Covering recent progresses in cholesterol-lowering drugs and therapy, this book describes the natural and pharmaceutical products that are in clinical uses to lower cholesterol and lipids and compares these drugs in responses to different diseases such as homozygous familial hypercholesterolemia, atherosclerosis, cardiovascular disease, and cancer. The relationship between ethnicity and cholesterol-lowering drug responses is also reviewed. Each chapter is a building block for the book, but each individual chapter is also a complete subject package for the readers. Researchers from basic and clinic science interested in lipid and cholesterol metabolism, regulation, and lowering will find this book very useful. Features: - Up-to-date information of the molecular mechanisms of cholesterol lowering, the drugs from natural and pharmaceutical products, and their associated therapeutic strategies in human diseases. - Discussion of the pathogenesis of several human diseases, which are associated with high cholesterol levels and evaluation of the results of different cholesterol-lowering drug treatment in these diseases. - Discussion of the combinations of cancer chemotherapy and cholesterol lowering in potential cancer treatment and cancer prevention by cholesterol-lowering drugs. - Critical analysis of the effect of ethnicity on responses to cholesterol-lowering drug therapy leading to rational dose adjustment of cholesterol-lowering drugs for different people use.
⇒ Ausführliche Angaben: HT020309620

Frick, Karina: Elliptische Strukturen in SMS. Eine korpusbasierte Untersuchung des Schweizerdeutschen
German. Inhaltliche Zusammenfassung: Because of their brevity and speed, text messages are often considered elliptical. This publication uses a Swiss German corpus of text messages to examine the validity of this assumption. It statistically analyzes pre-field and middle-field omissions as well as ellipsis of articles and prepositions. In addition, the authors examine whether newer technologies - such as the use of emojis in WhatsApp - influence elliptical structures.
⇒ Ausführliche Angaben: HT020309930
German. Inhaltliche Zusammenfassung: Dialektik und Rhetorik waren im mittelalterlichen Alltag allgegenwärtig. Die klassischen Schuldisziplinen, Grundlagen scholastischer Wissenschaft, stehen im Zentrum dieses Sammelbandes. Die Autoren beschäftigen sich jeweils exemplarisch damit, welche sozialen, politischen aber auch moralischen Auswirkungen auf die gesellschaftliche Entwicklung die Omnipräsenz der rhetorischen und dialektischen Methoden hatte.
⇒ Ausführliche Angaben: HT020310023

Friedberg, Felix: Gene Duplication
English. Inhaltliche Zusammenfassung: The book Gene Duplication consists of 21 chapters divided in 3 parts: General Aspects, A Look at Some Gene Families and Examining Bundles of Genes. The importance of the study of Gene Duplication stems from the realization that the dynamic process of duplication is the “sine qua non” underlying the evolution of all living matter. Genes may be altered before or after the duplication process thereby undergoing neofunctionalization, thus creating in time new organisms which populate the Earth.
⇒ Ausführliche Angaben: HT020307790

Froneman, William: Estuary
English. Inhaltliche Zusammenfassung: Estuaries are regarded among the most ecologically threatened ecosystems worldwide largely due to poor land use practices within their catchment areas, freshwater abstraction, coastal development, and resource exploitation. Moreover, these systems act as repositories for various anthropogenic contaminants. The establishment and successful implementation of conservation and management strategies are critically dependent on understanding the links among physicochemical, hydrological, and biological variables within these systems. The book provides a comprehensive overview of selected topics including modeling of water exchange between estuaries and the ocean, sediment geochemistry and mangrove health, climate variability and hydrology, and pesticides in estuaries and ecosystem functioning for various estuaries including permanently open, mangrove, and intermittently open/closed systems in both the northern and the southern hemispheres.
⇒ Ausführliche Angaben: HT020308603

Frost, Catherine: Morality and Nationalism
English. Inhaltliche Zusammenfassung: This book takes a unique approach to explore the moral foundations of nationalism. Drawing on nationalist writings and examining almost 200 years of nationalism in Ireland and Quebec, the author develops a theory of nationalism based on its role in representation. The study of nationalism has tended towards the construction of dichotomies - arguing, for example, that there are political and cultural, or civic and ethnic, versions of the phenomenon. However, as an object of moral scrutiny this bifurcation makes nationalism difficult to work with. The author draws on primary sources to see how nationalists themselves argued for their cause and examines almost two hundred years of nationalism in two well-known cases, Ireland and Quebec. The author identifies which themes, if any, are common across the various forms that nationalism can take and then goes on to develop a theory of nationalism based on its role in representation. This representation-based approach provides both a basis for the moral claim of nationalism while at the same time identifying grounds on which this claim can be evaluated and limited. It will be of strong interest to political theorists, especially those working on nationalism, multiculturalism and minority rights. The special focus in the book on the Irish and Quebec cases also makes it relevant reading for specialists in these fields as well as for other area studies where nationalism is an issue.
Fry, John J.: The Farm Press, Reform and Rural Change, 1895-1920
English. Inhaltliche Zusammenfassung: This project contributes to our understanding of rural Midwesterners and farm newspapers at the turn of the century. While cultural historians have mainly focused on readers in town and cities, it examines Midwestern farmers. It also contributes to the new rural history by exploring the ideas of Hal Barron and others that country people selectively adapted the advice given to them by reformers. Finally, it furthers our understanding of American farm newspapers themselves and offers suggestions on how to use them as sources.

Fu, Guangtao / Ni, Guangheng / Zhang, Chi: Adaptive Catchment Management and Reservoir Operation
English. Inhaltliche Zusammenfassung: River catchments and reservoirs play a central role in water security, food supply, flood risk management, hydropower generation, and ecosystem services; however, they are now under increasing pressure from population growth, economic activities, and changing climate means and extremes in many parts of the world. Adaptive management of river catchments and reservoirs requires an in-depth understanding of the impacts of future uncertainties and thus the development of robust, sustainable solutions to meet the needs of various stakeholders and the environment. To tackle the huge challenges in moving towards adaptive catchment management, this book presents the latest developments in cutting-edge knowledge, novel methodologies, innovative management strategies, and case studies, focusing on the following themes: reservoir dynamics and impact analysis of dam construction, optimal reservoir operation, climate change impacts on hydrological processes and water management, and integrated catchment management.

Fu, Jia: Atomistic Simulation of Anistropic Crystal Structures at Nanoscale
English. Inhaltliche Zusammenfassung: Multiscale simulations of atomistic/continuum coupling in computational materials science, where the scale expands from macro-/micro- to nanoscale, has become a hot research topic. These small units, usually nanostructures, are commonly anisotropic. The development of molecular modeling tools to describe and predict the mechanical properties of structures reveals an undeniable practical importance. Typical anisotropic structures (e.g. cubic, hexagonal, monoclinic) using DFT, MD, and atomic finite element methods are especially interesting, according to the modeling requirement of upscaling structures. It therefore connects nanoscale modeling and continuous patterns of deformation behavior by identifying relevant parameters from smaller to larger scales. These methodologies have the prospect of significant applications. I would like to recommend this book to both beginners and experienced researchers.

Fuchs, Ota: Recent Developments in Myelodysplastic Syndromes
English. Inhaltliche Zusammenfassung: This book deals with the rapid progress in the area of myelodysplastic syndromes (MDS). MDS are a group of age-associated heterogeneous malignant bone marrow stem cell disorders. MDS are characterized by ineffective hematopoiesis, which leads to refractory cytopenias and to clonal instability. Patients with MDS have myeloid dysplasia, intramedullary apoptosis and an increased risk of transformation to acute myeloid leukemia (AML). The use of next generation sequencing has allowed for the identification of molecular mutations in several genes in about 90% of MDS patients. Several mutations will
likely be incorporated into future prognostic scoring systems for MDS. About 50% of MDS cases are characterized by the presence of cytogenetic abnormalities. The correct morphological and cytogenetic analysis interpretation plays an important role in diagnosis and prognosis of these disorders. Cell death and an inflammatory gene signature are associated with MDS. Better understanding of the genetic and molecular mechanisms of MDS pathogenesis provides an opportunity for new treatment strategies to be developed. Promising novel therapies targeting pathophysiological mechanisms of MDS are being studied but the drugs currently used in MDS therapy remain limited. The only curative therapy for MDS is allogeneic hematopoietic stem cell transplantation. Recent advances in strategies to minimize transplant-related toxicity make this treatment possible for more MDS patients who are sufficiently fit.

Fuchs, Susanne / Rochet-Capellan, Amélie / Cleland, Joanne: Speech production and perception
English. Inhaltliche Zusammenfassung: Learning and memory processes are basic features of human existence. They allow us to (un)consciously adapt to changes in our social and physical environment in a variety of ways and may have been a precursor for survival in human evolution. Through several reviews and original work the book focuses on three key topics that enhanced our understanding of the topic in the last twenty years: first, the role of real-time auditory feedback in learning, second, the role of motor aspects for learning and memory, and third, representations in memory and the role of sleep on memory consolidation.

Fuentes, Carlos Javier Rodríguez: Regional Monetary Policy
English. Inhaltliche Zusammenfassung: With the final phase of the European Monetary Union underway, concern has been raised over the regional implications of the European Central Bank (ECB) Monetary Policy. Departing from the standard approach utilized by the ECB, this book provides a comprehensive theoretical framework to explore the ways through which money and monetary policy may affect regions. Carlos Rodriguez Fuentes, the rising star of Spanish economics, has produced a work of impressive clarity which analyzes the effects of regional monetary policy - with particular reference to European Monetary Union. Here, he examines the role that the banking system and the liquidity preference of economic agents play in the transmission of central banks monetary policy decisions to regions within a country or countries within a currency union. Rodriguez Fuentes utilizes a unique framework built upon the basic principle of the Post-Keynsian monetary theory which enables the identification of a new way for money and monetary policy to have a regional impact; the behavioural effect. This book, with its combination of literary and empirical approach will prove essential reading for all students of economics and politics, as well as readers who interested in the development of the European Union.

Fuentes, Wendy Flores / Rivas-Lopez, Moises / Sergiyenko, Oleg: Structural Health Monitoring - Measurement Methods and Practical Applications
English. Inhaltliche Zusammenfassung: Structural health monitoring (SHM) is a new engineering field with a growing tendency, based on technology development focused on data acquisition and analysis, to prevent possible damage in man-made structures and lands natural faults. The data are obtained from sensors and monitoring systems that allow detecting damages on structures, space vehicles, and land natural faults, to model their behavior under adverse scenarios, in order to search the detection of anomalies. Currently, there are many SHM systems with sensors based on different technologies like optical fiber, video cameras, optical scanners, wireless networks, and piezoelectric transducers, among others. In this context, the present book includes selected chapters with theoretical models and applications, to preserve infrastructure and prevent loss of human lives.
Fuerst-Bjelis, Borna: Mediterranean Identities - Environment, Society, Culture
English. Inhaltliche Zusammenfassung: What is the Mediterranean? The perception of the Mediterranean leans equally on the nature, culture, history, lifestyle, and landscape. To approach the question of identity, it seems that we have to give importance to all of these. There is no Mediterranean identity, but Mediterranean identities. Mediterranean is not about the homogeneity and uniformity, but about the unity that comes from diversities, contacts, and interconnections. The book tends to embrace the environment, society, and culture of the Mediterranean in their multiple and unique interconnections over the millennia, contributing to the better understanding of the essential human-environmental interrelations. The choice of 17 chapters of the book, written by a number of prominent scholars, clearly shows the necessity of the interdisciplinary approach to the Mediterranean identity issues. The book stresses the most serious concerns of the Mediterranean today - threats to biodiversity, risks, and hazards - mostly the increasing wildfires and finally depletion of traditional Mediterranean practices and landscapes, as constituent parts of the Mediterranean heritage.

Fujihira, Kazutoshi: Sustainable Home Design by Applying Control Science
English. Inhaltliche Zusammenfassung: Todays homes must prepare for a progressing ageing population and an increasing risk caused by climate change, as well as to reduce CO2 emissions. How homes can be designed to meet all of these requirements? How such design can be promoted in the housing market? Sustainable Home Design by Applying Control Science answers these questions, by using a novel approach. Kazutoshi Fujihira, an innovative environmental scientist and sustainable housing award winner, demonstrates the control system for promoting sustainable home design with the sustainable design guidelines and sustainability checklist. Moreover, the chapter of case study illustrates an actually designed and constructed house, which shows excellent sustainability and energy-saving performance.

Fukui, Naoki: Theoretical Comparative Syntax
English. Inhaltliche Zusammenfassung: Collected for the first time in a single volume, these essays and articles by Naoki Fukui form an outline of some of the most significant and formative contributions to syntactic theory. Focusing particularly on the typological differences between Eng/type language and Japanese/type languages, Fukui examines the abstract parameters that both link and divide them. Linguistic universals are considered in the light of cross-linguistic variation and typological (parametric) differences are investigated from the viewpoint of universal principles. The books main focus is the nature and structure of invariant principles and parameters (variables) and how they interact to give principled accounts to a variety of seemingly unrelated differences between Eng and Japanese. The contrasts between these two types of language is an ideal testing ground, since the languages are superficially different in virtually every aspect of their linguistic structures from word order and wh-movement, to grammatical agreement and case-marking systems, among many others. These articles constitute a considerable contribution to the development of the principles-and-parameters model in its exploration and refinement of theoretical concepts and fundamental principles of linguistic theory, leading to some of the basic insights that lie behind the minimalist program.

Furger, Alex: Antike Stahlerzeugung. Ein Nachweis der Aufkohlung von Eisen aus Augusta Raurica Beiträge zur Technikgeschichte Bd. 2 | Studies in History of Technology Vol. 2

⇒ Ausführliche Angaben: HT020307494

Gabert, Julien: Mémento de lassainissement
French. Inhaltliche Zusammenfassung: This Handbook is a methodological and practical guide for putting liquid sanitation services into operation in the Southern countries. It covers the entire wastewater and sludge collection and treatment chain in rural, semi-urban and urban contexts. Discover the website dedicated to this handbook: http://memento-lassainissement.gret.org.

⇒ Ausführliche Angaben: HT020310371

Gagnon, Daniel / Truax, Benoit: Hardwood Reforestation and Restoration
eng. Inhaltliche Zusammenfassung: Hardwood-dominated temperate forests (mostly in Eastern North America, Europe, North East Asia) provide valuable renewable timber and numerous ecosystem services. Many of these forests have been subjected to harvesting or conversion to agriculture, sometimes over centuries, that have greatly reduced their former extent and diversity. Natural regeneration following harvesting or during post-agricultural succession has often failed to restore these forests adequately. Past harvesting practices and the valuable timber of some species have led to a reduction in their abundance. The loss of apex predators has caused herbivore populations to increase and exert intense browsing pressure on hardwood regeneration, often preventing it. Particularly important are fruit, nut and acorn bearing species, because of their vital role in forest food webs and biodiversity. Restoring hardwood species to natural forests in which they were formerly more abundant will require a number of forest management actions (e.g., resistant hybrids, deer exclosures/protectors, enrichment planting, underplanting, et cetera). Similarly, reforesting areas that were once natural forests will also require new silvicultural knowledge. Global warming trends will intensify the need for interventions to maintain the diversity and function of temperate hardwood forests, as well as for increase hardwood reforestation.

⇒ Ausführliche Angaben: HT020307445

Gaiceanu, Marian: Electric Power Conversion
English. Inhaltliche Zusammenfassung: The introductory chapter to this book is like traveling in a time machine into past, present, and future of electric power conversion. Archeological
discoveries are being transformed into the discoveries of the future. The book is an incursion to electric power conversion through electromechanical power conversion, static power conversion, and applications in the field. Each of the above-mentioned sections analyzes the knowledge gained using the experimental results of valuable research projects. Novice readers will learn how energy is converted adequately and adapted to different consumers. Advanced readers will discover different kinds of modern solutions and tendencies in the field of electric power conversion.

⇒ Ausführliche Angaben: HT020309383

**Galante, Diego: El Juicio a las Juntas: Discursos entre política y justicia en la transición argentina**

Spanish. Inhaltliche Zusammenfassung: El Juicio a las Juntas Militares de 1985 fue un evento central en las políticas públicas que, desde la transición a la democracia en la Argentina, se implementaron para procesar las violaciones a los derechos humanos. Inauguró el escenario de los tribunales, desde entonces central en el tratamiento de las violaciones a los derechos humanos en el país, y ha jugado un papel medular en la conformación de representaciones, ideas y memorias sobre los crímenes del Estado dictatorial sucedidos cuatro décadas atrás. Sin embargo, fue mucho más que un evento jurídico. Se comportó también como un acontecimiento multidimensional, complejo, heterogéneo, en el cual múltiples actores actualizaron sus disputas sobre el sentido del pasado y el mundo político compartido. Este libro propone construir una genealogía de los usos y resignificaciones sociales del Juicio a las Juntas Militares, a partir de los discursos producidos tanto dentro como fuera de los tribunales y las memorias que el juicio suscitó desde su antesala hasta los años más recientes.

⇒ Ausführliche Angaben: HT020309666

**Gandullia, Luca / Chandler, Mark / Bernardi, Luigi: Tax Systems and Tax Reforms in New EU Member States**

English. Inhaltliche Zusammenfassung: Building on the work carried out in the 2004 Routledge book, Tax Systems and Tax Reforms in Europe, an international team of contributors now turn their attention to the new EU member states. The book compares conditions in the new and potential EU Member states to those in the long-standing EU countries. Topics covered include: * A Comparative View of Taxation in the EU and in New Members * Tax Policy in EU New Members * Tax Policy in New Members under the Stability Pact * Tax Administration and the Black Economy. As well as investigating countries such as the Czech Republic, Estonia and the Baltics, Hungary, Poland and Slovenia, this outstanding book contains a foreword by Vito Tanzi and will be a valuable resource for postgraduates and professionals in the fields of economics, politics, finance and European studies.

⇒ Ausführliche Angaben: HT020310124

**Gane, Mike: Auguste Comte**

English. Inhaltliche Zusammenfassung: Auguste Comte is widely acknowledged as the founder of the science of sociology and the Religion of Humanity. In this fascinating study, the first major reassessment of Comte’s sociology for many years, Mike Gane draws on recent scholarship and presents a new reading of this remarkable figure. Comte’s contributions to the history and philosophy of science have decisively influenced positive methodologies. He coined the term ‘sociology’ and gave it its first content, and he is renowned for having introduced the sociology of gender and emotion into sociology. What is less well known however, is that Comte contributed to ethics, and indeed coined the word ‘altruism’. In this important work Gane examines Comte’s sociological vision and shows that, because he thought sociology could and should be reflexive, encyclopaedic and utopian, he considered topics such as fetishism, polytheism, fate, love, and the relations between sociology, science, theology and
culture. This fascinating account of the birth of sociology is an unprecedented introductory text on Comte. Gane’s work is an essential read for all sociologists and students of the discipline.

⇒ Ausführliche Angaben: HT020310305

Ganz, Kathrin: Die Netzbewegung
German. Inhaltliche Zusammenfassung: Die Netzbewegung setzt sich ein für Informationsfreiheit, Datenschutz und Netzneutralität, gegen Zensur und Überwachung, kurz: für ein freies Internet. Dabei positionieren sich die Aktivist_innen als Avantgarde der digitalen Gesellschaft. Mit ihrer intersektionalen und hegemoniethoretischen Analyse zeigt die Autorin, wie die Forderungen der Netzbewegung und auch die Akteur_innen selbst gesellschaftlich verortet sind und geht der Frage nach, wie sich soziale Ungleichheit in den politischen Diskurs der digitalen Gesellschaft einschreibt.; The network movement advocates freedom of information, data protection, and net neutrality, against censorship and surveillance, in short: it rallies for a free Internet. The activists position themselves as the avant-garde of digital society. With her intersectional and hegemonic-theoretical analysis, the author shows how the demands of the net movement and the actors themselves are socially localized and examines the question of how social inequality inscribes itself in the political discourse of the digital society.

⇒ Ausführliche Angaben: HT020310473

Garambois, Nadège / Ducourtieux, Olivier / Cochet, Hubert: Systèmes agraires et changement climatique au Sud
French. Inhaltliche Zusammenfassung: Based on the comparative study of local, contrasting situations in Sub-Saharan Africa and South-East Asia, this book highlights the processes that explain the tremendous exposure to hazards of various farmer groups and their unequal ability to adapt. It sets out modalities for adjusting to global changes and sketches proposals for political measures to support the producers.

⇒ Ausführliche Angaben: HT020310377

Garbuzenko, Dmitry Victorovich: Current Issues in the Diagnostics and Treatment of Acute Appendicitis
English. Inhaltliche Zusammenfassung: The book Current Issues in the Diagnostics and Treatment of Acute Appendicitis is devoted to the actual and in some cases controversial and unresolved problems associated with acute appendicitis, as well as peculiarities of its clinical picture, diagnosis, and treatment in children. The materials of the book will be of interest to anyone who considers emergency abdominal surgery their specialty.

⇒ Ausführliche Angaben: HT020308790

Garcia, Maria Laura / Romanowski, Victor: Viral Genomes - Molecular Structure, Diversity, Gene Expression Mechanisms and Host-Virus Interactions
English. Inhaltliche Zusammenfassung: Viruses are small infectious agents that can replicate only inside the living cells of susceptible organisms. The understanding of the molecular events underlying the infectious process has been of central interest to improve strategies aimed at combating viral diseases of medical, veterinary and agricultural importance. Some of the viruses cause dreadful diseases, while others are also of interest as tools for gene transduction and expression and in non-poluting insect pest management strategies. The contributions in this book provide the reader with a perspective on the wide spectrum of virus-host systems. They are organized in sections based on the major topics covered: viral genomes organization, regulation of replication and gene expression, genome diversity and evolution, virus-host interactions, including clinically relevant features. The chapters also cover a wide range of technical approaches, including high throughput methods to assess genome variation or stability. This book should appeal to all those interested in fundamental and applied aspects of virology.
Garcia-Mateos, Maria del Rosario / Palma-Tenango, Mariana / Soto-Hernandez, Marcos: Phenolic Compounds - Biological Activity
English. Inhaltliche Zusammenfassung: Phenolic compounds comprise a broad class of natural products formed mainly by plants, but also microorganisms and marine organisms that have the capacity to form them. Nowadays the interest in these compounds has increased mainly due to their diverse chemical structure and wide biological activity valuable in the prevention of some chronic or degenerative diseases. The functional foods are a rich source of these phytochemicals, and this is the starting point for this book, which shows the state of the art of the phenolic compounds and their biological activity. This book integrates eleven chapters that show the state of the art of diverse biological activity of the phenolic compounds, present in some crops or fruits.
⇒ Ausführliche Angaben: HT020308173

Garcia-Mateos, Maria del Rosario / Palma-Tenango, Mariana / Soto-Hernandez, Marcos: Phenolic Compounds - Natural Sources, Importance and Applications
English. Inhaltliche Zusammenfassung: Phenolic compounds as a large class of metabolites found in plants have attracted attention since long time ago due to their properties and the hope that they will show beneficial health effects when taken as dietary supplements. This book presents the state of the art of some of the natural sources of phenolic compounds, for example, medicinal plants, grapes or blue maize, as well as the modern methods of extraction, quantification, and identification, and there is a special section discussing the treatment, removal, and degradation of phenols, an important issue in those phenols derived from the pharmaceutical or petrochemical industries.
⇒ Ausführliche Angaben: HT020308183

Gardovskis, Janis / Strumfa, Ilze: Liquid Biopsy
English. Inhaltliche Zusammenfassung: Reliable diagnosis is the cornerstone, starting point, and prerequisite of successful treatment. Therefore, development of innovative diagnostic technologies represents a hot topic in medical research. Liquid biopsy is a novel, minimally invasive laboratory evaluation concept for diagnostic, prognostic, and predictive testing, as well as dynamic monitoring of treatment or disease course. To achieve these goals, a multitude of specific, targeted tests can be performed to detect free nucleic acids, exosomes, microRNAs, tumor-educated platelets, and whole cells of tumor or fetal origin in different biological fluids, including blood, urine, cerebrospinal fluid, and others. Although tissue biopsy has long been considered the gold standard of diagnostics, especially regarding malignant tumors, liquid biopsy has the advantages of a non-invasive approach and thus low risk of complications. It is technically feasible even in serious general status or if tumors or metastases are not easily accessible using conventional tissue biopsy. The testing is fast, exact, and can be repeated to ensure real-time follow-up. In contrast to classic tumor markers, liquid biopsy is distinguished by high specificity at genomic, proteomic, and cellular levels. It is expected to equal and exceed the diagnostic value of tissue biopsy. The field of liquid biopsies is developing rapidly regarding the selection of targets, technological improvements, and quality assessment. This book, written by a global team of recognized scientists, comprises state-of-the-art reviews on the current knowledge and advances in the technologies and software for liquid biopsy. Examples of practical application of liquid biopsy to evaluate thyroid cancer, multiple myeloma, and cetera are discussed as well. The book is intended to serve as a reference for scientists and clinicians interested in the development and practical implementation of liquid biopsy.
⇒ Ausführliche Angaben: HT020309436

Garg, Harsh / Gill, Harsimran: Citrus Pathology
This book is an attempt to compile different aspects of citrus pathology to provide an overall knowledge to those who are interested in it, so that they may identify the bottlenecks to improve it further. The book chapters detail about citrus diseases, metabolic changes in citrus plants against various stresses, quorum sensing and its role in symptom development, preharvest and postharvest disease management, and application of citrus and its compounds. The goal of this book is to provide the most up-to-date review on information available on pathological aspects of citrus. Therefore, this book will equip academia and industry people with adequate basic knowledge of citrus diseases and management options.

⇒ Ausführliche Angaben: HT020308225

Gargiulo, Carmela / Zoppi, Corrado: Planning, Nature and Ecosystem Services
2019. 1 electronic resource (1056 pages). ISBN 9788868870546 Inhaltliche Zusammenfassung: [English]: This book collects the papers presented at INPUT aCAdemy 2019, a special edition of the INPUT Conference hosted by the Department of Civil and Environmental Engineering, and Architecture (DICAAR) of the University of Cagliari. INPUT aCAdemy Conference will focus on contemporary planning issues with particular attention to ecosystem services, green and blue infrastructure and governance and management of Natura 2000 sites and coastal marine areas. INPUT aCAdemy 2019 is organized within the GIREPAM Project (Integrated Management of Ecological Networks through Parks and Marine Areas), co-funded by the European Regional Development Fund (ERDF) in relation to the 2014-2020 Interreg Italy - France (Maritime) Programme. INPUT aCAdemy 2019 is supported by Società Italiana degli Urbanisti (SIU, the Italian Society of Spatial Planners), Istituto Nazionale di Urbanistica (INU, the Italian National Institute of Urban Planning), UrbIng Ricerca Scientifica (the Association of Spatial Planning Scholars of the Italian Schools of Engineering) and Ordine degli Ingegneri di Cagliari (OIC, Professional Association of Engineers of Cagliari).

⇒ Ausführliche Angaben: HT020310491

Gargiulo, Gaetano D. / McEwan, Alistair: Advanced Biomedical Engineering
2011. 1 electronic resource (292 pages). ISBN 9789533075556 English. Inhaltliche Zusammenfassung: This book presents a collection of recent and extended academic works in selected topics of biomedical signal processing, bio-imaging and biomedical ethics and legislation. This wide range of topics provide a valuable update to researchers in the multidisciplinary area of biomedical engineering and an interesting introduction for engineers new to the area. The techniques covered include modelling, experimentation and discussion with the application areas ranging from acoustics to oncology, health education and cardiovascular disease.

⇒ Ausführliche Angaben: HT020307755

Gargiulo, Gaetano D. / McEwan, Alistair: Applied Biomedical Engineering
English. Inhaltliche Zusammenfassung: This book presents a collection of recent and extended academic works in selected topics of biomedical technology, biomedical instrumentations, biomedical signal processing and bio-imaging. This wide range of topics provide a valuable update to researchers in the multidisciplinary area of biomedical engineering and an interesting introduction for engineers new to the area. The techniques covered include modelling, experimentation and discussion with the application areas ranging from bio-sensors development to neurophysiology, telemedicine and biomedical signal classification.

⇒ Ausführliche Angaben: HT020307756

Garnes, Sergio Dos Anjos / Lasakosvitsch, Fernanda: Homeostasis - An Integrated Vision
English. Inhaltliche Zusammenfassung: The human body is composed of several systems and organs, consisting of millions of cells that need relatively stable conditions to function and
contribute to the survival of the body as a whole. The maintenance of stable conditions for
the cells against the variations of the external environment is an essential function of the
body and is called homeostasis. As a consequence of the loss of homeostasis, a disease is
manifested. This book aims to provide the reader with an up-to-date view of the self-regulatory
mechanisms that are activated to achieve homeostasis, the pathways that are altered during
the disease process, and how medicine can intervene to restore balance in critical patients.

⇒ Ausführliche Angaben: HT020309222

Garnett, Steve: Using Brainpower in the Classroom
English. Inhaltsliche Zusammenfassung: This book offers a realistic, practical and accessible
model to allow teachers to incorporate the best of recent brain-based research into their te-
aching. The five steps involve: making learning multi-sensory ensuring activities match the
dominant intelligence of the learner matching types of learning to the gender of pupils using
the lesson structure to fit the natural attention span of the brain managing the classroom en-
vironment to make it brain-friendly and active in supporting learning. Illustrated throughout
with classroom examples from a wide range of subject areas, the book is highly practical in
its focus and the ideas it contains can easily be adapted to work with all age ranges and types
of school.

⇒ Ausführliche Angaben: HT020310063

Gascoigne, Martin: Rosalie Gascoigne
English. Inhaltsliche Zusammenfassung: Rosalie Gascoigne (1917-1999) was a highly regarded
Australian artist whose assemblages of found materials embraced landscape, still life, mini-
imalism, arte povera and installations. She was 57 when she had her first exhibition. Behind
this late coming-out lay along and unusual preparation in looking at nature for its aesthetic
qualities, collecting found objects, making flower arrangements and practising ikebana. Her
art found an appreciative audience from the start. She was a people person, and it pleased
her that through her exhibiting career of 25 years, her works were acquired by people of all
ages, interests and backgrounds, as well as by the major public institutions on both sides of
the Tasman Sea.

⇒ Ausführliche Angaben: HT020309857

Gaze, David C.: Congenital Heart Disease
English. Inhaltsliche Zusammenfassung: Congenital Heart Disease is a general term for a ran-
gen of birth defects that affect the normal workings of the heart. It is one of the most common
types of birth defect occurring in 1% of live births and affects up to 9 in every 1,000 babies
born in the United Kingdom. It was estimated that 34.3 million people had a congenital he-
art abnormality in 2013. Abnormalities can arise in 3-5% of offspring in cases of de novo
family history. Congenital heart disease was responsible for 223,000 deaths in 2010. This
short volume details the common birth defects affecting the structure and functioning of the
heart concentrating on the genetic basis and epidemiology, as well as risk factors, diagnostic
modalities and treatment options.

⇒ Ausführliche Angaben: HT020309145

Gaze, David C.: Pathophysiology - Altered Physiological States
English. Inhaltsliche Zusammenfassung: Pathophysiology is the convergence of pathology (the
discipline of observed changes in a diseased state) with physiology (the mechanisms of sys-
tems operation). It represents the functional changes that occur because of injury or disea-
se. This volume provides state-of-the-art up-to-date literature reviews on pathophysiological
processes in a number of disease states. The book is organised methodically in a head-to-toe
systems approach examining aspects of neuropathophysiology, endocrine pathophysiology,
structural biology, renal pathophysiology and genitourinary pathophysiology. This short volume on pathophysiology is intended for general medical and biomedical students at both undergraduate and postgraduate levels. In addition, it is a useful short update of recent advances in research and translational biology to those working in academia or healthcare science.

⇒ Ausführliche Angaben: HT020308744

Geary, John / Roche, Bill: Partnership at Work
English. Inhaltliche Zusammenfassung: The partnership established between the Irish Airports Authority and its trade unions in the mid-1990s was groundbreaking in promoting union and staff involvement in all aspects of company decision-making. This book charts the progress, achievements and obstacles faced by the partnership based on full access to the partners, documents, observations on how the partnership functioned and three surveys of the companys workforce.

⇒ Ausführliche Angaben: HT020310173

Gegic, Bozena: Wasser-Kibaz - Handbuch für den Schwimmsport
⇒ Ein Buch
⇒ Freihand: 2019 / 2826
⇒ Schlagwörter:
- Kind
- Nordrhein-Westfalen
- Schwimmsport
- Sportabzeichen

⇒ Ausführliche Angaben: HT020310804

Gehrman, Kristen / Schuyt, Kees: Scientific Integrity
English. Inhaltliche Zusammenfassung: The growing attention for scientific integrity is part of a wider culture of professionalization and accountability which appears to signal that integrity is no longer self-evident as a core value of professional conduct. Examples abound. But what is scientific integrity? Why does it matter? What are the issues, and what is at stake? What do we know about the nature and scope of violations of scientific integrity? In this book, Kees Schuyt explores the concept of integrity, describes various cases of fraud and other types of dishonest behaviour in research practice, and offers a reflective and pragmatic framework for handling transgressions against the rules of academic research. Drawing on a wide variety of historical examples, Schuyt looks into matters ranging from the codification of scientific integrity to the difference between misconduct, questionable practices, and honest errors, and the uses and abuses of the notion of plagiarism. Last but not least, he considers how the norms and values of academic research can best be transmitted to students and new generations of researchers.

⇒ Ausführliche Angaben: HT020309694

Geller, Markham J.: Chapter Udug
German | English | French. Inhaltliche Zusammenfassung: Assyriology; Mesopotamia; Ancient Near East.
⇒ Ausführliche Angaben: HT020310492

Geller, Markham J.: Healing Magic and Evil Demons. Canonical Udug-hul Incantations
English. Inhaltliche Zusammenfassung: This book brings together ancient manuscripts of the large compendium of Mesopotamian exorcistic incantations known as Udug.hul (Utukku Lemnutu), directed against evil demons, ghosts, gods, and other demonic malefactors within the Mesopotamian view of the world. It allows for a more accurate appraisal of variants arising from a text tradition spread over more than two millennia and from many ancient libraries.

⇒ Ausführliche Angaben: HT020307648

Gemel, Marica: Multidimensional Flow Cytometry Techniques for Novel Highly Informative Assays
English. Inhaltliche Zusammenfassung: Flow cytometry’s informative potential has been underestimated for many years because of a lack of adequate instruments, automation, reagents, and know-how to approach, integrate, and also substitute other techniques giving single information per assay. In the last decade, flow cytometers have become capable of performing high-throughput screening and high content analysis, evaluating tens of different samples features in a single run up to 1536 formats on multiple cell populations. The introduction of imaging flow cytometry has filled the gap between flow cytometry and conventional high content imaging screening, putting flow cytometry at the center of many laboratories, which can now cover with a single instrument the vast majority of needs in research programs. The flow cytometry community is a multidisciplinary and diversified group with many different interests and fields of action. These characteristics have prompted the evolution of the techniques, applications, and instruments that allow the use of complex, sophisticated, and standardized and reliable flow cytometric assays in academic and industrial programs.

⇒ Ausführliche Angaben: HT020308801

Gemert, A.W.M.M. Koopman-van: Transfusion Medicine and Scientific Developments
English. Inhaltliche Zusammenfassung: Transfusion Medicine and Scientific Developments focuses on unknown aspects of blood cells and transfusion practice. Blood transfusion medicine has become a sophisticated and specialized field of medicine. Some aspects will be discussed in this book. The book has been divided into three sections. The first section includes chapters describing the immunological and coagulation-assisting functions of red blood cells and methods to measure their life span. The second section discusses the role of platelets in inflammatory processes. The third section reviews functional dose of RBC transfusions and transfusion practice in various clinical settings.

⇒ Ausführliche Angaben: HT020308329

Genadiev, Tsvetin: Prostatectomy
English. Inhaltliche Zusammenfassung: The prostate gland is one of the male organs that have changed over the years. Those changes lead to a disruption of the quality of life and risk of prostate cancer in men over 50 years of age. In the era of prostate-specific antigen it is possible to overcome prostate cancer through early diagnosis. This made it possible to treat the diagnosis of prostate cancer and prevent the development of prostate cancer disease in the patient. In addition, early diagnosis has led to advances in the technological development of the basic surgical technique - prostatectomy. This book contains the efforts of a number of doctors and scientists interested in the prostate gland from different countries around the world. Some of these studies are likely to pose new challenges and trends in the diagnosis of the prostate gland and basic surgical technique.

⇒ Ausführliche Angaben: HT020309399

Gendeh, Balwant Singh: Paranasal Sinuses
English. Inhaltliche Zusammenfassung: This book emphasizes on five different sections of rhinology, namely, Surgical Anatomy, Dental-Related Diseases, Radiological Imaging, Nasal Spaces and Surgical Training. It incorporates new clinical and research developments as well as future perspectives in the ever-expanding field of rhinology. I dedicate this book to those of you who pick up the torch and by continued research, close clinical observation and the high quality of clinical care as well as publication and selfless teaching, further advance knowledge in rhinology from this point forward. This is intended to be a guide for other books to follow. General otolaryngologist, rhinologist, researchers, specialists, trainees and general practitioners with interest in otolaryngology will find this book useful and interesting.

⇒ Ausführliche Angaben: HT020308300

Gentile, Elisabetta: Skilled Labor Mobility and Migration
English. Inhaltliche Zusammenfassung: One of the primary objectives of the ASEAN Economic Community (AEC), established in 2015, was to boost skilled labor mobility within the region. This insightful book takes stock of the existing trends and patterns of skilled labor migration in the ASEAN. It endeavors to identify the likely winners and losers from the free movement of natural persons within the region through counterfactual policy simulations. Finally, it discusses existing issues and obstacles through case studies, as well as other sectoral examples.

⇒ Ausführliche Angaben: HT020307349

Geraghty, Niall / Massidda, Adriana Laura: Creative Spaces: Urban Culture and Marginality in Latin America

⇒ Ausführliche Angaben: HT020309739

Gerfen, Peter / Kurpiers, Nico / Hoffmann, Brinja: Kinder in Bewegung
⇒ Ein Medium
  - Freihand:
  ⇒ DDC (Dewey Decimal Classification):
    - 610DNB 610DNB
  ⇒ DDC (Dewey Decimal Classification):
    - 61023sdbn 61023sdbn
⇒ Ausführliche Angaben: HT020312503

Gerhardt, Rosario: Properties and Applications of Silicon Carbide
English. Inhaltliche Zusammenfassung: In this book, we explore an eclectic mix of articles that highlight some new potential applications of SiC and different ways to achieve specific properties. Some articles describe well-established processing methods, while others highlight phase equilibria or machining methods. A resurgence of interest in the structural arena is evident, while new ways to utilize the interesting electromagnetic properties of SiC continue to increase.

⇒ Ausführliche Angaben: HT020307714

Gericke, Kilian / Benetto, Enrico / Guiton, Mélanie: Designing Sustainable Technologies, Products and Policies
English. Inhaltliche Zusammenfassung: This open access book provides insight into the implementation of Life Cycle approaches along the entire business value chain, supporting environmental, social and economic sustainability related to the development of industrial technologies, products, services and policies; and the development and management of smart
agricultural systems, smart mobility systems, urban infrastructures and energy for the built environment. The book is based on papers presented at the 8th International Life Cycle Management Conference that took place from September 3-6, 2017 in Luxembourg, and which was organized by the Luxembourg Institute of Science and Technology (LIST) and the University of Luxembourg in the framework of the LCM Conference Series.

⇒ Ausführliche Angaben: HT020307497

Gerosa, Giacomo / Hanewinkel, Marc / Cerbu, Gillian Ann: Management Strategies to Adapt Alpine Space Forests to Climate Change Risks
English. Inhaltliche Zusammenfassung: Climate scenarios suggest that current forest stands will face radically different temperature and precipitation conditions in the future. Developing future strategies for forest management in the face of uncertain and highly variable forecasts of future site conditions is a great challenge. Here we have analyzed transnational case studies dealing with different manifestations of climate change effects. We intend to stimulate the discussion on management strategies to adapt forests in the Alps to climate change risks. The presented results are derived from the INTERREG project Management Strategies to Adapt Alpine Space Forests to Climate Change Risks that was implemented within the framework of the European Territorial Cooperation Alpine Space Programme 2007-2013.

⇒ Ausführliche Angaben: HT020309598

Ghamsari, Morteza Sasani: Quantum-dot Based Light-emitting Diodes
English. Inhaltliche Zusammenfassung: Quantum dot-based light emitting diodes were assigned to bringing together the latest and most important progresses in light emitting diode (LED) technologies. In addition, they were dedicated to gain the perspective of LED technology for all of its advancements and innovations due to the employment of semiconductor nanocrystals. Highly selective, the primary aim was to provide a visual source for high-urgency work that will define the future directions relating to the organic light emitting diode (OLED), with the expectation for lasting scientific and technological impact. The editor hopes that the chapters verify the realization of the mentioned aims that have been considered for editing of this book. Due to the rapidly growing OLED technology, we wish this book to be useful for any progress that can be achieved in future.

⇒ Ausführliche Angaben: HT020308468

Ghamsari, Morteza Sasani: State of the Art in Nano-bioimaging
English. Inhaltliche Zusammenfassung: Nano-bioimaging is a real-time observation method for the study of biological processes in subcellular structures and entire cells. This technique aims to interfere as little as possible with life processes using nanoscale materials and probes. In this method, nanoscale photon source is often used for imaging, and 3D structure of the observed specimen is studied in detail without physical interference. Over the last decade, further boost in bioimaging has led to increase the nano-bioimaging impact that includes many improvements in the data analysis method, image processing, and molecular imaging technology. However, to increase the usage of nano-bioimaging, several developments in the field of diagnosis accuracy, photobleaching prevention, and controlling of the fluorescence resonance energy transfer (FRET) must be achieved. The purpose of this book is to provide a perspective on the current status of nano-bioimaging technologies.

⇒ Ausführliche Angaben: HT020308774

Ghedira, Kais / Sghaier, Haitham / Najjari, Aref: Archaea - New Biocatalysts, Novel Pharmaceuticals and Various Biotechnological Applications
English. Inhaltliche Zusammenfassung: Besides the Introductory Chapter that gives a brief overview of archaenal applications, the present book contains four chapters. The first chapter, by Castro-Fernandez and others, provides an interesting depiction of the phylum Euryarchaeota and its biotechnological applications. The second chapter, by Ben Hania and
coauthors, focuses on the promotion of the idea that some specific Archaea are potential next-generation probiotics. The third chapter, by Torregrosa-Crespo and others, emphasizes the main characteristics of biocompounds from haloarchaea and their potential uses in biomedicine, pharmacy, and industry. The concluding chapter, by Mizuno and others, proposes a plasmid curing approach for improving the potential of thermophiles in various biotechnological applications and opens new perspectives on industrial valorization.

⇒ Ausführliche Angaben: HT020308463

**Ghedira, Kais: Transcriptional and Post-transcriptional Regulation**
English. Inhaltliche Zusammenfassung: This book focuses on the transcriptional and post-transcriptional gene regulations and presents a detailed portrait of many novel aspects related to highlighting the importance of key TFs in some vital biological processes, the role of certain TFs to control some infectious diseases, the role of non-coding RNAs in controlling mRNA expression, the involvement of these non-coding RNAs in diseases, and the interplay between TFs and microRNAs as key players for gene expression regulation giving a complete picture of how genes are regulated at the cellular level. The editor embarked upon this writing project entitled Transcriptional and Post-transcriptional Regulation to make pertinent contributions accessible to the scientific community. Hopefully, a large audience will enjoy reading and benefit from the chapters of this book.

⇒ Ausführliche Angaben: HT020309061

**Ghista, Dhanjoo N.: Biomedical Science, Engineering and Technology**
English. Inhaltliche Zusammenfassung: This innovative book integrates the disciplines of biomedical science, biomedical engineering, biotechnology, physiological engineering, and hospital management technology. Herein, Biomedical science covers topics on disease pathways, models and treatment mechanisms, and the roles of red palm oil and phytomedicinal plants in reducing HIV and diabetes complications by enhancing antioxidant activity. Biomedical engineering covers topics of biomaterials (biodegradable polymers and magnetic nanomaterials), coronary stents, contact lenses, modelling of flows through tubes of varying cross-section, heart rate variability analysis of diabetic neuropathy, and EEG analysis in brain function assessment. Biotechnology covers the topics of hydrophobic interaction chromatography, protein scaffolds engineering, liposomes for construction of vaccines, induced pluripotent stem cells to fix genetic diseases by regenerative approaches, polymeric drug conjugates for improving the efficacy of anticancer drugs, and genetic modification of animals for agricultural use. Physiological engineering deals with mathematical modelling of physiological (cardiac, lung ventilation, glucose regulation) systems and formulation of indices for medical assessment (such as cardiac contractility, lung disease status, and diabetes risk). Finally, Hospital management science and technology involves the application of both biomedical engineering and industrial engineering for cost-effective operation of a hospital.

⇒ Ausführliche Angaben: HT020307826

**Ghofrani, Mahmoud: Micro-grids - Applications, Operation, Control and Protection**
English. Inhaltliche Zusammenfassung: The integration of recent and emerging energy technologies in the existing electric grid requires modifications in several aspects of the grid, including its architecture, protection, operation, and control. Micro-grid provides a solution for integrating distributed energy resources such as renewable energy generation, energy storage systems, electric vehicles, controllable loads, et cetera and delivers flexibility, security, and reliability by operating in both grid-connected and isolated modes. This book provides an overview of micro-grid solutions, applications, and implementations. State-of-the-art methods for micro-grid operation, optimization, and control are presented. Distributed energy resources and their interactions in micro-grids are also studied. In addition, micro-grid designs, architectures, and standards are covered, as are micro-grid protection strategies and schemes for different operation modes.
Ghosh, Anirban: Biology of Myelomonocytic Cells
English. Inhaltliche Zusammenfassung: Myelomonocytes are the multipotent cells in the stage of blood cell differentiation, which mainly comprise blood monocytes, tissue macrophages and subset of dendritic cells. Actually, their position and ability of judgement of the health of tissue or organ environment are the key initiators of tissue-specific immune response in a local and global fashion. Interestingly, the morpho-functional aspects of this group of cells vary to a wide range with their positional diversity. Their ability to communicate or represent the tissue microenvironment to the peripheral immune system and efficiency to engage the system to effector activation hold the key for a successful immune endeavour. The present volume shows some glimpses of such an extensive area of current immunology research.

Ghosh, Devleena / Randerson, Helen / Goodall, Heather: Teacher for Justice
English. Inhaltliche Zusammenfassung: 'Teacher for Justice is a major contribution to the history of the women’s movement, working-class activism and Australian political internationalism. But it is more than this. By focusing on the life of Lucy Woodcock - an unrecognised and under-researched figure - this book rewrites the history of twentieth-century Australia from the perspective of an activist who challenged conventions to fight for gender, race and class equality, exploring the complex and multi-layered intersections of these aspects. It explores Woodcock’s personal relationships and the circles she mixed in and the friendships she forged, as well as the conventions she challenged as a single woman in possibly a same-sex relationship. The book makes a key contribution to the history of progressive education and the experience of women teachers. Above all, it charts the life of a transnational figure who made connections globally and, in particular, with refugees and with women in India and the Asian region.-.

Ghrib, Taher Hcine: Porosity - Process, Technologies and Applications
English. Inhaltliche Zusammenfassung: This book discusses multiways in the porous materials. It involves materials with a large number of holes, and it highlights the synthesis, structure, and surface properties of porous materials closely related to more applications, such as support, catalyst, energy storage, chemical reactions, and optical applications. It studies the effect of the filling materials, the thermal treatments, and the porous density in the improvement of physical properties, electrical and energy efficiency, and the generation of new materials. Some synthetic process will be discussed with the effect of some parameters on the final characteristics of the prepared porous structures.

Gianturco, Luigi: Atherosclerosis - Yesterday, Today and Tomorrow
English. Inhaltliche Zusammenfassung: Atherosclerosis is a subject of enormous contention for cardiologists and in general for all medical doctors. With this publication we have given you a concise state-of-the-art look at the world of atheroma. Many other elements could be included and so it is only a brief analysis of today (the preventive medicine era) and tomorrow (transforming the cure medicine era into the care medicine era) but also remembering yesterday (the ex-cathedra medicine era). Lets hope our arteries are free from atherosclerotic events: have a good read!.

Gibson, Michael / Maekawa, Hiroshi / Orita, Hajime: Gastric Cancer - An Update
This book, Gastric Cancer - An Update, is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field of gastric cancer. The book is comprised of single chapters authored by various researchers and it is edited by experts active in this field of study. All chapters are complete in itself but united under a common research topic. This publication aims at providing a thorough overview of the latest research efforts by international authors on gastric cancer, and opening new possible research paths for further novel developments.

⇒ Ausführliche Angaben: HT020309307

Gidenne, Thierry: Le lapin
French. Inhaltliche Zusammenfassung: This work is the first manual devoted specifically to rabbit biology. It recounts the history of the domestic rabbit and summarises current knowledge. It also makes concrete recommendations on rabbit breeding practices for both families and professionals and for pet rabbits.

⇒ Ausführliche Angaben: HT020307525

English.

⇒ Ausführliche Angaben: HT020309936

Gigli, Isabel: Current Topics in Lactation
English. Inhaltliche Zusammenfassung: Lactation is a fascinating process. Research over the last decade has provided new insights into the regulation of mammary gland development and involution. Lactation is the last step in reproduction, and therefore it is linked to reproduction strategy. Photoperiod species such as sheep, or pseudo-ovulatory (at mid-gestation) species as the rodent Lagostomus maximus, are interesting and unique models to study mammary gland physiology. This book also offers updated insights into the mechanisms that control postlactational involution, therefore also providing information to better understand breast cancer. Small noncoding RNA has opened new understanding in gene regulation. In this regard, our knowledge of mammary gland development and milk secretion has increased extremely. This book provides current scientific information on all these interesting topics. It will certainly be of great benefit to those interested in biomedical sciences.

⇒ Ausführliche Angaben: HT020308249

Gilman, Sander / Gelbin, Cathy: Cosmopolitanisms and the Jews
English. Inhaltliche Zusammenfassung: Cosmopolitanisms and the Jews adds significantly to contemporary scholarship on cosmopolitanism by making the experience of Jews central to the discussion, as it traces the evolution of Jewish cosmopolitanism over the last two centuries. The book sets out from an exploration of the nature and cultural-political implications of the shifting perceptions of Jewish mobility and fluidity around 1800, when modern cosmopolitanist discourse arose. Through a series of case studies, the authors analyze the historical and discursive junctures that mark the central paradigm shifts in the Jewish self-image, from the Wandering Jew to the rootless parasite, the cosmopolitan, and the socialist internationalist. Chapters analyze the tensions and dualisms in the constructed relationship between cosmopolitanism and the Jews at particular historical junctures between 1800 and the present, and probe into the relationship between earlier anti-Semitic discourses on Jewish cosmopolitanism and Stalinist rhetoric.

⇒ Ausführliche Angaben: HT020310324

Ginsberg, Silvia Susana: Sediment Transport
English. Inhaltliche Zusammenfassung: Sediment transport is a book that covers a wide variety of subject matters. It combines the personal and professional experience of the authors on solid particles transport and related problems, whose expertise is focused in aqueous systems and in laboratory flumes. This includes a series of chapters on hydrodynamics and their relationship with sediment transport and morphological development. The different contributions deal with issues such as the sediment transport modeling; sediment dynamics in stream confluence or river diversion, in meandering channels, at interconnected tidal channels system; changes in sediment transport under fine materials, cohesive materials and ice cover; environmental remediation of contaminated fine sediments. This is an invaluable interdisciplinary textbook and an important contribution to the sediment transport field. I strongly recommend this textbook to those in charge of conducting research on engineering issues or wishing to deal with equally important scientific problems.

⇒ Ausführliche Angaben: HT020307723

Giori, Graciela Savoy de / LeBlanc, Jean Guy: B Group Vitamins - Current Uses and Perspectives
English. Inhaltliche Zusammenfassung: B-group vitamins are involved in numerous metabolic reactions and their widespread deficiency can cause a large series of health problems. The aim of this book is to provide an update on the current use and perspectives of B-group vitamins. Novel methods to detect folates in pregnant women, the use and role of folate dentistry, the use of genotype notification to modify food intake behavior, thiamin metabolism in Archaea and its role in plants and in crop improvement, the use of riboflavin in blood safety and niacin in metabolic stress and resistance in dairy cows are some of the subjects that are described in this multitopic book written by authors from seven different countries.

⇒ Ausführliche Angaben: HT020309026

Girka, Igor: Nuclear Fusion - One Noble Goal and a Variety of Scientific and Technological Challenges
English. Inhaltliche Zusammenfassung: Power production and its consumption and distribution are among the most urgent problems of mankind. Despite positive dynamics in introducing renewable sources of energy, nuclear power plants still remain the major source of carbon-free electric energy. Fusion can be an alternative to fission in the foreseeable future. Research in the field of controlled nuclear fusion has been ongoing for almost 100 years. Magnetic confinement systems are the most promising for effective implementation, and the International Thermonuclear Experimental Reactor is under construction in France. To accomplish nuclear fusion on Earth, we have to resolve a number of scientific and technological problems. This monograph includes selected chapters on nuclear physics and mechanical engineering within the scope of nuclear fusion.

⇒ Ausführliche Angaben: HT020309326

Gisselquist, Rachel M: Fragility, Aid, and State-building
English. Inhaltliche Zusammenfassung: Fragile states pose major development and security challenges. Considerable international resources are therefore devoted to state-building and institutional strengthening in fragile states, with generally mixed results. This volume explores how unpacking the concept of fragility and studying its dimensions and forms can help to build policy-relevant understandings of how states become more resilient and the role of aid therein. It highlights the particular challenges for donors in dealing with ‘chronically’ (as opposed to ‘temporarily’) fragile states and those with weak legitimacy, as well as how unpacking fragility can provide traction on how to take ‘local context’ into account. Three chapters present new analysis from innovative initiatives to study fragility and fragile state transitions in cross-national perspective. Four chapters offer new focused analysis of selected countries, drawing on comparative methods and spotlighting the role of aid versus historical, institutional and other factors. It has become a truism that one-size-fits-all policies do not work in
development, whether in fragile or non-fragile states. This is should not be confused with a broader rejection of ‘off-the-rack’ policy models that can then be further adjusted in particular situations. Systematic thinking about varieties of fragility helps us to develop this range, drawing lessons - appropriately - from past experience. This book was originally published as a special issue of Third World Quarterly, and is available online as an Open Access monograph at https://www.taylorfrancis.com/books/e/9781351630337.

⇒ Ausführliche Angaben: HT020310249

**Gitari, Mugera W. / Akinyemi, Segun A.: Coal Fly Ash Beneficiation - Treatment of Acid Mine Drainage with Coal Fly Ash**


English. Inhaltliche Zusammenfassung: The present book deals with various, very significant topics of coal fly ash beneficiation, such as treatment of acid mine drainage with coal fly ash, toxic metal adsorption using coal fly ash, recovery of metals from coal fly ash and phytoreclamation of abandoned acid mine drainage site after treatment with coal fly ash, the status of research in coal fly ash utilization and applications and some other related topics in this growing and increasingly important research area. Overall, coal fly ash beneficiation has come to assume an important role in most areas of waste management research today. Continued growth and emphasis on scientific research is expected in all areas of waste management and conversion of waste to wealth technologies.

⇒ Ausführliche Angaben: HT020308553

**Giubilini, Alberto: The Ethics of Vaccination**


English. Inhaltliche Zusammenfassung: This open access book discusses individual, collective, and institutional responsibilities with regard to vaccination from the perspective of philosophy and public health ethics. It addresses the issue of what it means for a collective to be morally responsible for the realisation of herd immunity and what the implications of collective responsibility are for individual and institutional responsibilities. The first chapter introduces some key concepts in the vaccination debate, such as ‘herd immunity’, ‘public goods’, and ‘vaccine refusal’; and explains why failure to vaccinate raises certain ethical issues. The second chapter analyses, from a philosophical perspective, the relationship between individual, collective, and institutional responsibilities with regard to the realisation of herd immunity. The third chapter is about the principle of least restrictive alternative in public health ethics and its implications for vaccination policies. Finally, the fourth chapter presents an ethical argument for unqualified compulsory vaccination, id est for compulsory vaccination that does not allow for any conscientious objection. The book would appeal both philosophers interested in public health ethics and the general public interested in the philosophical underpinning of different arguments about our moral obligations with regard to vaccination.

⇒ Ausführliche Angaben: HT020309797

**Glasius, Marlies: The International Criminal Court**


English. Inhaltliche Zusammenfassung: A new examination of the International Criminal Court (ICC) from a political science and international relations perspective. It describes the main features of the court and discusses the political negotiations and the on-going clashes between those states who oppose the court, particularly the United States, and those who defend it. It also makes these issues accessible to non-lawyers and presents effective advocacy strategies for non-governmental organizations. It also delivers essential background to the place of the US in international relations and makes a major contribution to thinking about the ICC’s future. While global civil society does not deliver global democracy, it does contribute to more transparent, more deliberative and more ethical international decision-making which is ultimately preferable to a world of isolated sovereign states with no accountability outside their borders, or exclusive and secretive state-to-state diplomacy. This book will be of great interest to students and scholars of international relations, international law, globalization and global governance.
Glavan, Matjaz: Water Challenges of an Urbanizing World
English. Inhaltsliche Zusammenfassung: Global water crisis is a challenge to the security, political stability and environmental sustainability of developing nations and with climate, economically and politically, induces migrations also for the developed ones. Currently, the urban population is 54% with prospects that by the end of 2050 and 2100 66% and 80%, respectively, of the worlds population will live in urban environment. Untreated water abstracted from polluted resources and destructed ecosystems as well as discharge of untreated waste water is the cause of health problems and death for millions around the globe. Competition for water is wide among agriculture, industry, power companies and recreational tourism as well as nature habitats. Climate changes are a major threat to the water resources. This book intends to provide the reader with a comprehensive overview of the current state of the art in integrated assessment of water resource management in the urbanizing world, which is a foundation to develop society with secure water availability, food market stability and ecosystem preservation.

Glebovsky, Vadim: Progress in Metallic Alloys
English. Inhaltsliche Zusammenfassung: In general, metallic alloys are the interdisciplinary subject or even an area that cover physics, chemistry, material science, metallurgy, crystallography, et cetera. This book is devoted to the metallic alloys. The primary goal is to provide coverage of advanced topics and trends of R&D of metallic alloys. The chapters of this book are contributed by the respected and well-known researchers which have presented results of their up-to-date metallic alloys technologies. The book consists of two blocks filled with 10 chapters which provide the results of scientific studies in many aspects of the metallic alloys including the studies of amorphous and nanoalloys, modeling of disordered metallic alloys, superconducting alloys, differential speed rolling of alloys, meta-magnetic Heusler alloys, et cetera. The book is of interest to both fundamental research and practicing scientists and will prove invaluable to all chemical and metallurgical engineers in process industries, as well as to students and engineers in industry and laboratories. We hope that readers will find this book interesting and helpful for the work and studies. If so, this could be the best pleasure and reward for us.

Glossman-Mitnik, Daniel: Density Functional Theory
English. Inhaltsliche Zusammenfassung: Density Functional Theory (or DFT for short) is a potent methodology useful for calculating and understanding the molecular and electronic structure of atoms, molecules, clusters, and solids. Its use relies not only in the ability to calculate the molecular properties of the species of interest but also provides interesting concepts that allow a better comprehension of the chemical reactivity of the studied systems. This book represents an attempt to present examples on the utility of DFT for the understanding of the chemical reactivity through descriptors that constitute the basis of the so called Conceptual DFT (sometimes also named as Chemical Reactivity Theory) as well as the application of the theory and its related computational procedures in the determination of the molecular properties of different systems of academic and industrial interest.

Gnatyuk, Sergiy: Advanced Technologies of Quantum Key Distribution
English. Inhaltsliche Zusammenfassung: This book explores both the state of the art and the latest developments in QKD. It describes the fundamental concepts and practical aspects of
QKD from a viewpoint of information security and quantum channel efficiency improvement. The purpose of this book is to extend and update the knowledge of the readers in the dynamically changing field of QKD. The authors attempt to present in detail their results of scientific research, which is divided into two sections - Modern QKD Technologies and Quantum Channel Construction. It will be useful for researchers, engineers, graduates, and doctoral students working in quantum cryptography and information security-related areas.

⇒ Ausführliche Angaben: HT020308743

Godbout, Louis / Ven, Theo van de: Cellulose - Fundamental Aspects
English. Inhaltliche Zusammenfassung: Cellulose is destined to play a major role in the emerging bioeconomy. Awareness of the environment and a depletion of fossil fuels are some of the driving forces for looking at forest biomaterials for an alternative source of energy, chemicals and materials. The importance of cellulose is widely recognized world-wide and as such the field of cellulose science is expanding exponentially. Cellulose, the most abundant biopolymer on earth, has unique properties which makes it an ideal starting point for transforming it into useful materials. To achieve this, a solid knowledge of cellulose is essential. As such this book on cellulose, the first in a series of three, is very timely. It deals with fundamental aspect of cellulose, giving the reader a good appreciation of the richness of cellulose properties. Book Cellulose - Fundamental Aspects is a good introduction to books Cellulose - Medical, Pharmaceutical and Electronic Applications and Cellulose - Biomass Conversion, in which applications of cellulose and its conversion to other materials are treated.

⇒ Ausführliche Angaben: HT020307967

Godbout, Louis / Ven, Theo van de: Cellulose - Medical, Pharmaceutical and Electronic Applications
English. Inhaltliche Zusammenfassung: This book on cellulose, the second in a series of three, deals with the many applications of cellulose, both established ones and those that are emerging. It shows the richness in the way cellulose can be modified to serve a large variety of functions, varying from medical, pharmaceutical and bioelectronics applications. We hope that with these examples the imagination of the reader is stimulated and may him- or herself attempt to find new, fascinating applications of cellulose.

⇒ Ausführliche Angaben: HT020307968

Godone, Danilo: Glacier Evolution in a Changing World
English. Inhaltliche Zusammenfassung: Glaciers have always played an important role in human history, and currently, they are carefully observed as climate change sentinels. Glacier melt rate is increasing, and its mass balance is continuously negative. This issue deserves accurate and in-depth studies in order to, adequately, monitor its state. This circumstance in fact endangers the water supply, affecting human settlements but also creating new environments allowing the colonization by pioneer communities and the formation of new landscapes. This book is subdivided into two main sections in order to deal with the two topics of worldwide research on glaciers and ecology in glacial environments. In the first one Glaciers in the World, several reviews and studies are collected. It is an overview of glaciers, their state, and research carried out in different continents and contexts. The second section Glacial Ecosystems focuses, on the other hand, on glacier environments and ecological researches.

⇒ Ausführliche Angaben: HT020308458

Göbel, Christian: Social unrest in China: a bird’s-eye view
English. Inhaltliche Zusammenfassung: Featuring contributions from top scholars and emerging stars in the field, the Handbook of Protest and Resistance in China captures the complexity of protest and dissent in contemporary China, while simultaneously exploring a number of unifying themes. Examining how, when, and why individuals and groups have engaged in contentious acts, and how the targets of their complaints have responded, the volume sheds light on the stability of China’s existing political system, and its likely future trajectory.
Gökçe, Didem: Limnology - Some New Aspects of Inland Water Ecology
English. Inhaltliche Zusammenfassung: Anthropogenic influences, such as changing climatic conditions, domestic and industrial pollution, eutrophication, and salinization, have great impacts on freshwater systems. Nutrient cycling in freshwater ecosystems, population dynamics and community structure, water quality, sustainability, and management of ecosystem stability are increasingly important. Establishing a management strategy using a multidisciplinary approach ensures the sustainability of water resources. The present and future work being done in the field of limnology is necessary for preserving and protecting our freshwater ecosystems. In this respect, limnology is a rapidly developing science that has many significant aspects. The scope of this book covers all aspects of freshwater environment studies, from physical and chemical to biological limnology. This book provides useful information on basic, experimental, and applied limnology to researchers and decision makers.

Gökçe, Didem: Wetlands Management - Assessing Risk and Sustainable Solutions
English. Inhaltliche Zusammenfassung: Wetlands include mangroves, peatlands and marshes, rivers and lakes, deltas, floodplains, rice fields, and even coral reefs. It is known that wetlands are ecologically sensitive systems and the most vulnerable of habitats. Anthropogenic activities (urbanization, water uses, land cover changes, industrial activity, pollution, climatic change, et cetera) have direct and indirect effects on wetlands. The evaluation of wetlands with a multidisciplinary perspective in environmental sciences and social sciences provides efficient results. Each chapter takes a crucial look at different approaches to the solution by analyzing wetland problems in the laboratory or in the field and collecting data. The purpose of this book is to help researchers, scientists, and decision-makers utilize a methodology appropriate for a specific problem.

Göker, Suleyman Davut: Leadership
English. Inhaltliche Zusammenfassung: This book, when compared to other books on leadership, is expected to present a new understanding of the essential features of leadership and it varies from the wealth of literature in the following ways: firstly, this book attempts to include leaders at all management levels within an organization and across various sectors. This book also aims to provide experiences and reflections across a variety of sectors and organizational structures rather than focusing on one set of definitions (as is the case in current leadership sources). Finally, this book is expected to offer a new perspective addressing and inspiring actual leaders today and potential ones and contributing to the existing debate on leadership.

Göksel, Türkmen: Statistics - Growing Data Sets and Growing Demand for Statistics
English. Inhaltliche Zusammenfassung: Since data grows faster than ever, the role of statistics becomes more and more crucial nowadays, and there is no doubt that statistics will be even more critical in the future. The application of statistics is extensive, and in our daily lives there is almost no human activity where the use of statistics is not needed. In this limited volume, we try to cover as many as different and multidisciplinary fields in statistics as possible and aim to present recent developments and applications of statistical analysis. Therefore, this book is organized into three sections: The Role of Statistics on Quantification, Applications of Statistics on Economics and Development, and Applications of Statistics on Various Topics.
Göll, Edgar / Behrendt, Siegfried / Clausen, Jens: Auf dem Weg zu einer Green Economy
German. Inhaltliche Zusammenfassung: Green economy is the future - this volume illuminates options, challenges and factors of success, providing perspectives for politics and the economy.
⇒ Ausführliche Angaben: HT020309889

Gözler, Serdar: Trauma in Dentistry
English. Inhaltliche Zusammenfassung: Identifying and treating traumatic dental injuries is an extremely important part of the dentistry profession. The stomatognathic system is a complex structure that is rich with tactile and motor neuron sensors and therefore trauma to the area should be diagnosed and treated as quickly and effectively as possible. Trauma in Dentistry not only covers the scientific basis of dental trauma and dental trauma-related matters, but it also draws attention to advanced diagnostic and treatment methods for dealing with traumatic dental injuries. This volume includes information for treating both adults and children, with two chapters dedicated to pediatric dental trauma. Other chapters focus on occlusal trauma, dental implants, and biomaterials.
⇒ Ausführliche Angaben: HT020309434

Gokten, Pinar Okan / Gokten, Soner: Sustainability Assessment and Reporting
English. Inhaltliche Zusammenfassung: We are more aware of the need to achieve sustainable development than ever before. One of the main factors to achieve the goal of sustainable development is sustainability assessment and reporting because it is not possible to take precautions without understanding the current situation. And also, undoubtedly, future generations have a right to know what kind of world we will leave them. This book brings together different perspectives on sustainability assessment and reporting. When you look at the chapters, you will understand that sustainability assessment and reporting are addressing interdisciplinary and vast areas. It should be because sustainability assessment and reporting cover all aspects of social, economic and environmental factors. In this five-chapter book, you will see how sustainability assessment and reporting are addressed in different areas.
⇒ Ausführliche Angaben: HT020308987

Gokten, Soner: Accounting and Corporate Reporting - Today and Tomorrow
English. Inhaltliche Zusammenfassung: We have spent a great deal of time on the continued development of accounting and auditing standards, which are used as a primary component of corporate reporting, to reach today’s financial reporting framework. However, is it possible to say that, currently, financial statements provide full and prompt disclosure? Or will they still be useful as a primary element with their current structures in corporate reporting? Undoubtedly, we are deeply concerned about these issues in recent times. This volume contains chapters to discuss the todays and tomorrows accounting and corporate reporting phenomena in a comprehensive and multidimensional way. Therefore, this book is organized into six sections: Achieving Sustainability through Corporate Reporting, International Standardization, Financial Reporting Quality, Accounting Profession and Behavioral Aspects, Public Sector Accounting and Reporting, and Managerial Accounting.
⇒ Ausführliche Angaben: HT020308446

Gokten, Soner / Kucukkocaoglu, Guray: Financial Management from an Emerging Market Perspective
One of the main reasons to name this book as Financial Management from an Emerging Market Perspective is to show the main differences of financial theory and practice in emerging markets other than the developed ones. Our many years of learning, teaching, and consulting experience have taught us that the theory of finance differs in developed and emerging markets. It is a well-known fact that emerging markets do not always share the same financial management problems with the developed ones. This book intends to show these differences, which could be traced to several characteristics unique to emerging markets, and these unique characteristics could generate a different view of finance theory in a different manner. As a consequence, different financial decisions, arrangements, institutions, and practices may evolve in emerging markets over time. The purpose of this book is to provide practitioners and academicians with a working knowledge of the different financial management applications and their use in an emerging market setting. Six main topics regarding the financial management applications in emerging markets are covered, and the context of these topics are Capital Structure, Market Efficiency and Market Models, Merger and Acquisitions and Corporate Governance, Working Capital Management, Financial Economics and Digital Currency, and Real Estate and Health Finance.

Golubic, Sanja Josef: Neuroimaging - Structure, Function and Mind
English. Inhaltliche Zusammenfassung: Neuroimaging provides a valuable noninvasive window into the human neural system and is used in fundamental and clinical research. Imaging techniques are essential for understanding spontaneous neural activity and brain mechanisms engaged in the processing of external inputs, memory formation, and cognition. Modern imaging modalities make it possible to visualize memory processes within the brain and to create images of its structure and function. Scientists and technologists are joining forces to pave the way for improving imaging technologies and methods, data analysis, and the application of imaging to investigate the wide spectra of neurological diseases, neuropsychological disorders, and aging. Imaging techniques are essential for the identification of biological markers of the earliest stages of neurodiseases and the development of new therapies. This book intends to provide the reader with a short overview of the current achievements in the state-of-the-art imaging modality methods, their highlights, and limitations in neuroscience research and clinical applications. The current state of in-vivo neuroimaging methods in the context of the understanding and diagnosis of mental disorders and relation to the mind is also discussed in a modern compact format, featuring the latest and most relevant research results.

Gomes, Ailton De Souza: New Polymers for Special Applications
English. Inhaltliche Zusammenfassung: This book comprises the contributions of several authors in the area of polymer physics by application of conducting polymers; hydrogel films on optical fiber core; thin film polymers; PDLC films application; photopolymers for holographic media; microwave absorption and EMI shielding behavior of nanocomposites based on intrinsically conducting polymers and graphene and carbon nanotubes; in the area of polymer synthesis of conducting polymers; oxidative polymerization of aniline; electro reductive polymerization; polysilanes with ordered sequences; radiation cross-linking poly(urethane-imide) and nitrogen-rich polymers as candidates for energetic applications; development of ruthenium complexes to novel functional nanocomposites. We hope that this book will help inspire readers to pursue study and research in this field.

Gomes, Ivan Marcelo (Coord.) / Galak, Eduardo (Coord.) / Quintão de Almeida, Felipe (Coord.): Sentidos y prácticas sobre la educación y los usos del cuerpo: Intercambios académicos entre Argentina, Brasil, Colombia y Uruguay
Los capítulos que componen esta obra atravesan principalmente dos conceptos clave, “cuerpo” y “educación”, tensionando su relación a partir de pensar los usos y sentidos que se le otorgan en un conjunto de prácticas, saberes y discursos desarrollados en Argentina, Brasil, Chile, Colombia y Uruguay. En este registro, pueden observarse discusiones en torno a los modos de reproducción de lo corporal en la ciudad, análisis sobre políticas públicas sobre salud o espacio público y el lugar de las prácticas corporales, indagaciones históricas sobre cómo la educación del cuerpo ha sido interpretada en diferentes latitudes, reflexiones acerca de los sentidos identitarios que se conjugan en el vínculo entre las sociedades y lo corporal, estudios sobre la alfabetización del cuerpo en los diseños curriculares de los diferentes países sudamericanos, interlacedencias acerca del gobierno de los cuerpos como dispositivo para la educación de las subjetividades, entre otros análisis. La articulación entre temáticas e investigadores que pertenecen a la Universidad Nacional de La Plata, la Universidade Federal de Espírito Santos y la Universidad de Antioquia permitió un conjunto de estrategias colectivas entre 2016 y 2018 que posibilitaron la materialización de este libro, el cual supone la cooperación y vínculo entre los grupos. De esta forma, esta obra registra indagaciones conducidas en el interior de proyectos de cooperación internacional, reuniendo como autores académicos de Argentina, Brasil, Chile, Colombia y Uruguay.

⇒ Ausführliche Angaben: HT020309667

Gómez, Jaime Alberto Escobar / Mejia, Omar Dario Lopez: Aerial Robots - Aerodynamics, Control and Applications
English. Inhaltliche Zusammenfassung: Few years ago, the topic of aerial robots was exclusively related to the robotics community, so a great number of books about the dynamics and control of aerial robots and UAVs have been written. As the control technology for UAVs advances, the great interaction that exists between other systems and elements that are as important as control such as aerodynamics, energy efficiency, acoustics, structural integrity, and applications, among others has become evident. Aerial Robots - Aerodynamics, Control, and Applications is an attempt to bring some of these topics related to UAVs together in just one book and to look at a selection of the most relevant problems of UAVs in a broader engineering perspective.

⇒ Ausführliche Angaben: HT020308415

Gómez, Laura Castro / Flores, Víctor Manuel Velázquez: Advances in Heat Exchangers
English. Inhaltliche Zusammenfassung: Heat exchangers are important devices for engineering, research, and industry. Because of this, any improvement helps to optimize the whole process. Opportunity areas may be found in design, materials, or working fluids. In this sense, the present book compiles some advances in the matter of design (three chapters) and working fluids (one chapter). An introductory chapter also is presented.

⇒ Ausführliche Angaben: HT020309257

Gomiero, Alessio: Plastics in the Environment
English. Inhaltliche Zusammenfassung: Plastics in the Environment is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field of plastic pollution and how it is affecting the environment. The book comprises single chapters authored by various researchers and edited by an expert active in the research area. All chapters are complete in themselves but united under a common research study topic. This publication aims at providing a thorough overview of the latest research efforts by international authors on the trending topic of plastics in the environment and opens new possible research paths for further novel developments.

⇒ Ausführliche Angaben: HT020309379
Gomo, Modreck: Groundwater - Resource Characterisation and Management Aspects
English. Inhaltsverzeichnis: This book covers aspects of groundwater resource characterisation and management. The inherent heterogeneous and isotropic nature of aquifers coupled with the unpredictable effects of climate change calls for continuous improvement and understanding of hydrogeology site characterisation techniques in theory and application to better understand and manage groundwater. We believe that this book will be useful for various professionals involved in groundwater-related work to improve the theoretical and practical understanding of hydrogeology site characterisation techniques and groundwater resource management skills.
⇒ Ausführliche Angaben: HT020309388

Gonçalves, Ana Cristina: Conifers
English. Inhaltsverzeichnis: The conifer tree can lead to a wide variety of products and services. Overall, the evaluation, management and planning of the multiplicity of these forest systems requires effective and specific methods and tools in a sustainable frame of the systems and of their products and services. This book reflects the current research on conifer stands and forests. The authors, specialists in different areas, addressed several issues in forest science, focusing on the species characteristics, silviculture and climate change; growth analysis; reconstruction of stand dynamics of mixed stands; establishment, regeneration and succession; litter-fall, nutrient cycle and silviculture; distribution and zonation; and ecosystem services provided by monocultures and mixed stands.
⇒ Ausführliche Angaben: HT020309141

Gong, Jian Ru: Graphene Simulation
English. Inhaltsverzeichnis: Graphene, a conceptually new class of materials in condensed-matter physics, has been the interest of many theoretical studies due to the extraordinary thermal, mechanical and electrical properties for a long time. This book is a collection of the recent theoretical work on graphene from many experts, and will help readers to have a thorough and deep understanding in this fast developing field.
⇒ Ausführliche Angaben: HT020307742

Gonzales, Laura: Sites of Translation: What Multilinguals Can Teach Us about Digital Writing and Rhetoric
English. Inhaltsverzeichnis: Winner of the 2016 Sweetland Digital Rhetoric Collaborative Book Prize, Sites of Translation illustrates the intricate rhetorical work that multilingual communicators engage in as they translate information for their communities. Blending ethnographic and empirical methods from multiple disciplines, Laura Gonzales provides methodological examples of how linguistic diversity can be studied in practice, both in and outside the classroom, and provides insights into the rhetorical labor that is often unacknowledged and made invisible in multilingual communication. Sites of Translation is relevant to researchers and teachers of writing as well as technology designers interested in creating systems, pedagogies, and platforms that will be more accessible and useful to multilingual audiences. Gonzales presents multilingual communication as intellectual labor that should be further valued in both academic and professional spaces, and supported by multilingual technologies and pedagogies that center the expertise of linguistically diverse communicators.
⇒ Ausführliche Angaben: HT020310330

Gonzalez, Jose A. Morales: Basic Cardiopulmonary Resuscitation Manual
English. Inhaltsverzeichnis: The purpose of this publication is to systematize the
knowledge necessary to make Cardiopulmonary Resuscitation (CPR) or Cardiorespiratory Resuscitation (CRR) known to nursing health specialists, which translates as a set of temporary and internationally standardized maneuvers assigned to ensure the oxygenation of the vital organs when the blood circulation of an individual stops suddenly, independently of the cause of the Cardiorespiratory arrest (CRA). This knowledge is found correctly delimited in The Basic Cardiopulmonary Resuscitation Manual, which especially emphasizes the step-by-step methodology and techniques to follow for Cardiopulmonary Resuscitation (CPR). This is a basic work that cannot be overlooked by health care specialists, the society, and the public in general, because of the high probability that this situation will present at some moment in life. Thus, it is recommended to be prepared to help some person in an emergency situation. The manual is an excellent consultation work for health professionals. Given that what is expressed in this work is fundamental for life, and its objective is to make known the relevant information concerning the knowledge of CPR.

⇒ Ausführliche Angaben: HT020309599

Goorsky, Mark: Ion Implantation
English. Inhaltsliche Zusammenfassung: Ion implantation presents a continuously evolving technology. While the benefits of ion implantation are well recognized for many commercial endeavors, there have been recent developments in this field. Improvements in equipment, understanding of beam-solid interactions, applications to new materials, improved characterization techniques, and more recent developments to use implantation for nanostructure formation point to new directions for ion implantation and are presented in this book.

⇒ Ausführliche Angaben: HT020307907

Gordeladze, Jan Oxholm: Adiposity - Epidemiology and Treatment Modalities
English. Inhaltsliche Zusammenfassung: This book is the first in a series of two, featuring the Adiposity - Epidemiology and Treatment Modalities, serving as a summary of the traditional views on how the organ systems are affected when higher organs start to suffer from enhanced body weight, where most of this additional weight consists of white adipose tissue (WAT). The understanding of the epidemiology of obesity will consequently enable clinicians and researchers to better understand the untoward trends of metabolic aberrations from a well-organized and health-bringing homeostasis, with fully responding WAT and BAT, thus enabling a balance between fat-producing and fat-metabolizing tissues for the benefit of the various organ systems taking care of the fat and carbohydrate metabolism, normally yielding a balanced energy turnover, ensuring healthy cell phenotypes, which optimally coordinate the energy metabolism in a well-functioning organism throughout a lifetime.

⇒ Ausführliche Angaben: HT020308189

Gordeladze, Jan Oxholm: Adiposity - Omics and Molecular Understanding
English. Inhaltsliche Zusammenfassung: This book is the second in a series of two, featuring the Adiposity - Omics and Molecular Understanding, serving as an introduction to modern views on how the adipocytes are reciprocally interacting with organ systems in order to explain the biology of the body's fat cells and how they are integrated with other organ systems, like muscle cells and the liver, in order to control the lipid metabolism in our bodies, to finally preserve a positive balance between white and brown/beige adipocyte tissues (WAT and BAT). The understanding of the omics of obesity will therefore enable clinicians and researchers to better pursue the untoward incidents of metabolic deviations from a defined and health-bringing homeostasis, with fully responding WAT and BAT, being able to preserve a healthy balance between fat-producing and fat-metabolizing tissues for the benefit of the host, and thus longevity (optimal health with healthy, well-functioning organ systems) throughout a lifetime.

⇒ Ausführliche Angaben: HT020308195
Gordeladze, Jan Oxholm / Baloyannis, Stavros J.: Hypothalamus in Health and Diseases
English. Inhaltliche Zusammenfassung: The human hypothalamus, a small structure at the base of the brain, has strategic importance for the harmonic function of the human body. It controls the autonomic nervous system, neuroendocrine function, circadian and circannual rhythms, somatic activities, and behavior, and is situated at the borders between the brain and the body and the brain and the soul, meeting points for mind and body. The hypothalamus is involved in a wide range of higher mental functions, including attention, learning and reinforcement of mnemonic processes, emotional control, mood stability, and cognitive-emotional interactions. It also has a role to play in behavioral disorders, panic reactions, cluster headache, gelastic epilepsy, mental deficiency, periodic disorders, depression, autism, and schizophrenia, and in a substantial number of neurodegenerative diseases. It enlarges greatly the dimensions of the hypothalamic contribution in controlling psychosomatic equilibrium and retaining internal unity of the human existence.
⇒ Ausführliche Angaben: HT020309140

Gordeladze, Jan Oxholm: Vitamin K2 - Vital for Health and Wellbeing
English. Inhaltliche Zusammenfassung: This book serves as a comprehensive survey of the impact of vitamin K2 on cellular functions and organ systems, indicating that vitamin K2 plays an important role in the differentiation/preservation of various cell phenotypes and as a stimulator and/or mediator of interorgan cross talk. Vitamin K2 binds to the transcription factor SXR/PXR, thus acting like a hormone (very much in the same manner as vitamin A and vitamin D). Therefore, vitamin K2 affects a multitude of organ systems, and it is reckoned to be one positive factor in bringing about longevity to the human body, e.g., supporting the functions/health of different organ systems, as well as correcting the functioning or even curing ailments striking several organs in our body.
⇒ Ausführliche Angaben: HT020309639

English. Inhaltliche Zusammenfassung: This book comprises the proceedings of the 2nd Czech-China Scientific Conference 2016 which was held on 7th June 2016 in Ostrava, Czech Republic. The objective of the conference was to present the latest achievements in the fields of advanced science and technology that stem from research activities of V.
⇒ Ausführliche Angaben: HT020309632

Gottvald, Jaromír / Praus, Petr: Proceedings of the 3rd Czech-China Scientific Conference 2017
English. Inhaltliche Zusammenfassung: This book comprises the proceedings of the 3rd Czech-China Scientific Conference 2017 which was held on 7th June 2017 in Ostrava, Czech Republic. The objective of the conference was to present the latest achievements in the fields of advanced science and technology that stem from research activities of V.
⇒ Ausführliche Angaben: HT020308472

Goudos, Sotirios K.: Microwave Systems and Applications
English. Inhaltliche Zusammenfassung: Microwave systems are key components of every modern wireless communication system. The main objective of this book was to collect as many
different state-of-the-art studies as possible in order to cover in a single volume the main aspects of microwave systems and applications. This book contains 17 chapters written by acknowledged experts, researchers, academics, and microwave engineers, providing comprehensive information and covering a wide range of topics on all aspects of microwave systems and applications. This book is divided into four parts. The first part is devoted to microwave components. The second part deals with microwave ICs and innovative techniques for on-chip antenna design. The third part presents antenna design cases for microwave systems. Finally, the last part covers different applications of microwave systems.

⇒ Ausführliche Angaben: HT020308128

Gouguet, Loïc: Guide de gestion des dunes et des plages associées
French. Inhaltliche Zusammenfassung: This practical guide benefits from the experience of several authors and experts in managing coastal dune environments and in preventing natural risks. It presents useful tools in resolving problems of daily dune management.

⇒ Ausführliche Angaben: HT020307524

Govaers, Felix: Introduction and Implementations of the Kalman Filter
English. Inhaltliche Zusammenfassung: Sensor data fusion is the process of combining error-prone, heterogeneous, incomplete, and ambiguous data to gather a higher level of situational awareness. In principle, all living creatures are fusing information from their complementary senses to coordinate their actions and to detect and localize danger. In sensor data fusion, this process is transferred to electronic systems, which rely on some awareness of what is happening in certain areas of interest. By means of probability theory and statistics, it is possible to model the relationship between the state space and the sensor data. The number of ingredients of the resulting Kalman filter is limited, but its applications are not.

⇒ Ausführliche Angaben: HT020309390

Gowda, Chandrika: Neuroblastoma - Current State and Recent Updates
English. Inhaltliche Zusammenfassung: Neuroblastoma (NBL) is the most common extracranial solid tumor of childhood, with about 700 new cases of neuroblastoma seen each year in the United States. The 5-year survival rate for children with high-risk NBL is only 50-60%, and this survival rate has not improved over the last 10 years. High-risk patients receive multimodality treatment, including chemotherapy, surgery, radiation therapy, biologic therapy and immunotherapy, all of which are associated with significant morbidity. Recent years have seen many advances in treatment of neuroblastoma, including therapeutic MIBG, immunotherapy, and personalized targeted therapy based on the genetic alterations seen in the tumor. The primary objective of this book is to provide the readers with a comprehensive review of neuroblastoma, from clinical aspects and the currently available treatment to recent advancements and future directions in the field of NBL treatment. The topics and chapters have been compiled keeping in mind a diverse group of readers in different areas of specialty such as pediatric oncology, surgery, radiation oncology, and immunology, as well as physician scientists and basic researchers working in the field of neuroblastoma.

⇒ Ausführliche Angaben: HT020308466

Gowder, Sivakumar: A Critical Evaluation of Vitamin D - Basic Overview
English. Inhaltliche Zusammenfassung: The book A Critical Evaluation of Vitamin D - Basic Overview targets the physiological, biochemical and immunological aspects of vitamin D, including principles, mechanisms and clinical significance. This book covers four sections: Vitamin D on Physical and Physiological Activities, Vitamin D on Biochemical and Immunological Activities, Vitamin D on Musculoskeletal and Neurological System and Vitamin D on Reproductive System. Each of these sections is interwoven with the theoretical aspects and experimental techniques of basic and clinical sciences. This book will be a significant source
to students, scientists, physicians, healthcare professionals and also other members of this society who are interested in exploring the role of vitamin D in human life. [We derive vitamin D from the sunshine, and hence it can also be considered as day vitamin. - Sivakumar Gowder].

⇒ Ausführliche Angaben: HT020309640

**Gowder, Sivakumar: A Critical Evaluation of Vitamin D - Clinical Overview**


English. Inhaltliche Zusammenfassung: Vitamin D, a fat-soluble vitamin, also called as sunshine vitamin is derived mostly from sun exposure and food, and for normal activation, it has to undergo two hydroxylation reactions. Vitamin D affects more than 2000 genes in the body. Serum level of 25(OH) D is an ideal indicator of vitamin D status in our body. Vitamin D deficiency leads to various diseases. On a therapeutic point of view, vitamin D helps to treat many diseases. The book A Critical Evaluation of Vitamin D - Clinical Overview targets the principles, mechanisms, and clinical significance of vitamin D. This book covers four sections: Vitamin D in Cardiovascular and Renal Diseases, Vitamin D in Age and Neurological Diseases, Vitamin D and Cancer and Therapeutic Measurements of Vitamin D. Each of these sections is interwoven with the theoretical aspects and experimental techniques of basic and clinical sciences. This book will be a significant source to students, scientists, physicians, healthcare professionals and also other members of this society who are interested in exploring the role of vitamin D in human life. [Vitamin D can be considered as vitamin of defense since it cures several diseases. - Sivakumar Gowder].

⇒ Ausführliche Angaben: HT020309642

**Gowder, Sivakumar Joghi Thatha: New Insights into Cell Culture Technology**


English. Inhaltliche Zusammenfassung: The book New Insights into Cell Culture Technology focuses on many advanced methods and techniques concerned with cell culture. The contributing authors have discussed various developments in cell culture methods, the application of insect cells for the efficient production of heterologous proteins, the expansion of human mesenchymal stromal cells for different clinical applications, the remote sensing of cell culture experiments and concepts for the development of cell culture bioprocess, continuous production of retroviral pseudotype vectors, and the production of oncolytic measles virus vectors for cancer therapy. This book is an original contribution of experts from different parts of the globe, and the in-depth information will be a significant resource for students, scientists, and physicians who are directly dealing with cells. [Culture is essential for human life and also the life of a cell. - Sivakumar Gowder].

⇒ Ausführliche Angaben: HT020308247

**Gowder, Sivakumar: New Insights into Toxicity and Drug Testing**


English. Inhaltliche Zusammenfassung: This book New Insights into Toxicity and Drug Testing covers all emerging technologies (profiling technologies, 3D cultures, next generation sequencing et cetera), available methods and models to evaluate candidate drugs and medicinal plants with reference to toxicity, drug testing and development. This book is an original contribution of experts from different parts of the globe and the in-depth information will be a significant resource for scientists and physicians who are directly dealing with drugs / medicines and human life.

⇒ Ausführliche Angaben: HT020307944

**Goyal, Aakash Kumar: Grain Legumes**


English. Inhaltliche Zusammenfassung: Grain legumes are a main source of nitrogen-rich edible seeds and constitute a major source of dietary protein in the diets of human population especially for vegetarian diet. Legumes comprise the third largest family of flowering
plants and provide important sources of food, fodder, oil, and fiber products. This book focuses on grain legumes production challenges, progress, and prospects. The book comprises a vast array of topics including diversity, biofortification, importance and antioxidant properties of pulse proteins, et cetera. This volume will serve as an excellent resource for students, researchers, and scientists interested and working in the area of sustainable crop production.

⇒ Ausführliche Angaben: HT020308060

**Granger, Pascal / Schuurman, Yves: Multiscale and Innovative Kinetic Approaches in Heterogeneous Catalysis**

2019. 1 electronic resource (214 pages). ISBN 9783039211791, ISBN 9783039211807 eng. Inhaltliche Zusammenfassung: Kinetics and reactor modeling for heterogeneous catalytic reactions are prominent tools for investigating and understanding catalyst functionalities at nanoscale and the related rates of complex reaction networks. This book illustrates some examples related to the transformation of simple to more complex feedstocks, including different types of reactor designs, id est, steady-state, transient plug flow reactors, and TAP reactors for which there is sometimes a strong gap in the operating conditions from ultra-high-vacuum to high-pressure conditions. In conjunction, new methodologies have emerged, giving rise to more robust microkinetics models. As exemplified, they include the kinetics and the dynamics of the reactors and span a large range of length and time scales. The objective of this Special Issue is to provide contributions that can illustrate recent advances and novel methodologies for elucidating the kinetics of heterogeneous reactions and the necessary multiscale approach for optimizing the reactor design. This book is dedicated to postgraduate and scientific researchers, and experts in heterogeneous catalysis. It may also serve as a source of original information for the elaboration of lessons on catalysis for Master students.

⇒ Ausführliche Angaben: HT020307421

**Grant, Carl A.: Research In Multicultural Education**


⇒ Ausführliche Angaben: HT020310154

**Grasberger, Delia: Autogenes Training**


⇒ Begleitmaterialien: Übungs-CD (12 cm)
⇒ Ein Medium
  - Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 610DNB 610DNB
⇒ Schlagwörter:
  - Autogenes Training
  - CD
  - Ratgeber
  - Übungssammlung

⇒ Ausführliche Angaben: HT018401303

**Gray, Bennison: The Grammatical Foundations of Rhetoric. Discourse Analysis**


⇒ Ausführliche Angaben: HT020309974
Grebel, Thomas: Entrepreneurship
2004. 1 electronic resource (pages). ISBN 9780203478745, ISBN 9780415341189, ISBN 9780415406475, ISBN 9781134296354, ISBN 9781134296347, ISBN 9781134296309 English. Inhaltliche Zusammenfassung: The entrepreneur has been neglected over the years in formal economic theorizing. Previously there has been only eclectic theories such as human capital theory and network dynamics which discuss certain perspectives of entrepreneurial behaviour. This insightful book closes this gap in entrepreneurship literature. Inspired by modern physics, author Thomas Grebel brings together an evolutionary methodology, along the way implicating quantum, graph, and percolation theory. Here, Grebel has provided a synthesis of all the main theories of entrepreneurship. Taking an interdisciplinary approach to the subject, this fascinating book opens up new ideas in modelling and the original thinking contained within will be of interest to all those working in the area of business and management as well as those in economics.
⇒ Ausführliche Angaben: HT020310264

Green, Nile: Indian Sufism since the Seventeenth Century
2006. 1 electronic resource (pages). ISBN 9780203965368, ISBN 9780415390408, ISBN 9780415549882, ISBN 9781134168255, ISBN 9781134168248, ISBN 9781134168200 English. Inhaltliche Zusammenfassung: Sufism is often regarded as standing mystically aloof from its wider cultural settings. By turning this perspective on its head, Indian Sufism since the Seventeenth Century reveals the politics and poetry of Indian Sufism through the study of Islamic sainthood in the midst of a cosmopolitan Indian society comprising migrants, soldiers, litterateurs and princes. Placing the mystical traditions of Indian Islam within their cultural contexts, this interesting study focuses on the shrines of four Sufi saints in the neglected Deccan region and their changing roles under the rule of the Mughals, the Nizams of Haydarabad and, after 1948, the Indian nation. In particular Green studies the city of Awrangabad, examining the vibrant intellectual and cultural history of this city as part of the independent state of Haydarabad. He employs a combination of historical texts and anthropological fieldwork, which provide a fresh perspective on developments of devotional Islam in South Asia over the past three centuries, giving a fuller understanding of Sufism and Muslim saints in South Asia.
⇒ Ausführliche Angaben: HT020310229

Greenslade, Helen / Glasner, Peter / Atkinson, Paul: New Genetics, New Identities
2007. 1 electronic resource (pages). ISBN 9780203962923, ISBN 9780415394079, ISBN 981138010468, ISBN 9781134161188, ISBN 9781134161171, ISBN 9781134161133 English. Inhaltliche Zusammenfassung: What implications are applications of new genetic technologies in biomedicine having on social identity in today’s society? New Genetics, New Identities, a wide-ranging multi-disciplinary volume in the CESAGen Genetics and Society Book series, presents not only theoretical reflection but also empirical case studies drawn from an international array of authors. Including the highly controversial areas of reproductive technologies and use of human embryos in biomedical research, other key features include: a fresh analysis of a wide-range of social and political concerns in the development of new social identities examinations of the social implications of identity formation as a result from advances in genetic technologies from a number of perspectives both locally and globally resources of a wide range of social science disciplines to discuss significant sociological, anthropological, political and ethical issues. This superb collection is an essential informative read for postgraduates and academics in the fields of sociology, anthropology and scientific technologies giving a comparative approach to complex issues surrounding the social implications of these advances in a period of rapid social change.
⇒ Ausführliche Angaben: HT020310179

Greif, Hajo: Environments of Intelligence
to play in this context? These are questions that motivate 4E theories of cognition (as being embodied, embedded, extended, enactive). In his take on that family of views, Hajo Greif first defends and refines a concept of information as primarily natural, environmentally embedded in character, which had been eclipsed by information-processing views of cognition. He continues with an inquiry into the cognitive bearing of some artefacts that are sometimes referred to as intelligent environments. Without necessarily having much to do with Artificial Intelligence, such artefacts may ultimately modify our informational environments. With respect to human cognition, the most notable effect of digital computers is not that they might be able, or become able, to think but that they alter the way we perceive, think and act. The Open Access version of this book, available at http://www.tandfebooks.com/doi/view/10.4324/9781315401867, has been made available under a Creative Commons CC-BY licence.

⇒ Ausführliche Angaben: HT020310261

Grenfell, Michael: Modern Languages Across the Curriculum
English. Inhaltsliche Zusammenfassung: This book sets out the agenda for the future of modern language teaching in schools. It aims to look beyond the dominant methods of second language teaching to a new approach emphasising the integration of language learning within the wider curriculum. Through research and case studies from the UK, France, Spain, Italy, Germany, Belgium and Finland, the book shows how teachers and policy makers are increasingly moving towards a system where second languages are taught through other curriculum subjects, rather than alongside them. Key areas covered are: * recent trends and issues in the teaching and learning of modern foreign languages * the rationale for integrating languages across the curriculum * how cross-curricular language teaching is developing across Europe * practical materials and useful ideas for teachers and policy makers This timely book will interest all foreign language teachers, particularly those on in-service or higher level degree courses. It will also be useful reading for student teachers and educators, and policy makers, internationally.

⇒ Ausführliche Angaben: HT020310185

Greusing, Inka: "Wir haben ja jetzt auch ein paar Damen bei uns" - Symbolische Grenzziehungen und Heteronormativität in den Ingenieurwissenschaften
German. Inhaltsliche Zusammenfassung: Engineering sciences in Germany remain a male domain, although for years, efforts have been made to balance gender relations in these areas. The author examines the question of whether and to what extent the asymmetrical gender relationship is rooted in the contents and cultures of engineering sciences themselves. Interviews with engineers are used to identify various key concepts that contribute to the maintenance of binary, heteronormative gender relations in this field.; Die Ingenieurwissenschaften in Deutschland halten sich als Männerdomäne, obwohl es seit Jahren Bemühungen gibt, das Geschlechterverhältnis in diesen Bereichen auszuzgleichen. Die Autor_in geht der Frage nach, ob und inwiefern das asymmetrische Geschlechterverhältnis in den Inhalten und Kulturen der Ingenieurwissenschaften selbst begründet liegt. Anhand von Interviews mit Ingenieur_innen werden verschiedene Schlüsselkonzepte identifiziert, die zur Aufrechterhaltung des binären, heteronormativen Geschlechterverhältnisses in diesem Feld beitragen.

⇒ Ausführliche Angaben: HT020310464

Gric, Tatjana: Plasmonics
English. Inhaltsliche Zusammenfassung: Plasmonics gives researchers in universities and industries and designers an overview of phenomena enabled by artificially designed metamaterials and their application for plasmonic devices. The purpose of this book is to provide a detailed introduction to the basic modeling approaches and an overview of enabled innovative phenomena. The main research agenda of this book is aimed at the study of modeling techniques and novel functionalities such as plasmonic enhancement of solar cell efficiency.
plasmonics in sensing, et cetera. The topics addressed in this book cover the major strands: theory, modeling and design, applications in practical devices, fabrication, characterization, and measurement. It is worthwhile mentioning that the strategic objectives of developing new artificial functional materials require close cooperation of the research in each subarea.

⇒ Ausführliche Angaben: HT020309118

**Grillo, Maurizio / Tagliaferri, Teodoro: From the History of the Empire to World History: The Historiographical Itinerary of Christopher A. Bayly**


eng. Inhaltliche Zusammenfassung: This volume is the outcome of a conference on the work of Christopher Bayly held in Naples on March 2016. At less than one year from his untimely death, the convenors called on a group of specialists in several disciplinary areas, on which Bayly has left his enduring mark, to collaborate on a first survey of the rich and complex scientific legacy of the English historian. Each essay focuses on one of the extraordinary succession of great works by which he pioneered innovative approaches throughout his academic career. The collection as a whole provides therefore an account of Bayly’s foremost contributions to the different scholarly fields in which he made repeated breakthroughs, over a period of five decades, on some of the most advanced research fronts of international historiography: the local roots of Indian nationalism, the transition from pre-colonial to colonial India and the role of indigenous society in the establishment of European domination, the nature and limits of colonial power, the rise of the Second British Empire, the history of globalization and the nineteenth-century turn towards planetary modernity, the transregional development of liberalism and nationalism. The common aim of the authors is to highlight the stages of the path through which Bayly emerged, at the beginnings of the 2000s, as a key figure in the current revival and renewal of world history.

⇒ Ausführliche Angaben: HT020307453

**Grillo, Oscar: Biodiversity - The Dynamic Balance of the Planet**


English. Inhaltliche Zusammenfassung: The current world biodiversity consists of an estimable amount of living forms, that at all levels, from genes to biomes, from individuals to populations, from species to communities, are in constant pursuit of the best strategies to react to the natural and anthropic environmental changes. The arrangement of new and dynamic ecosystems balanced by the formation and the vanishing of species, is the direct consequence of these changes. This book contains comprehensive overviews and original studies focused on ecological and ecosystem functioning studies, hazards and conservation management, assessment of environmental variables affecting species diversity, also considering species richness and distribution, in order to identify the best management strategies to face and solve the conservation problems.

⇒ Ausführliche Angaben: HT020309602

**Grillo, Oscar: Rediscovery of Landraces as a Resource for the Future**


English. Inhaltliche Zusammenfassung: In recent years, all over the world, the attention paid to local and traditional productions is growing, especially in the agro-food sector. Maybe, it is not only due to the impact of globalization and the social and economic changes but also due to the increased consideration to health and nutritional aspects of food. Hence, for economic, social, historical, and nutritional reasons, this trend has led to the rediscovery and reuse of landraces of many different crops, responding to requests for more and more demanding market. This volume collects examples of local crops and old landraces of different areas of the planet that testify the extreme importance of the relation existing among a land, the local productions, the historical traditions, the conservation of biodiversity, the health benefits, the environmental impact and the local economies, also including the significance to dedicate resources to scientific researches in local crops.

⇒ Ausführliche Angaben: HT020308960

**Grillo, Oscar / Sen, Bülent: Selected Studies in Biodiversity**

English. Inhaltliche Zusammenfassung: The present book offers an overall up-to-date overview of the biological diversity, comprising many interesting chapters focusing on the different aspects of biodiversity. Most of the chapters include findings of investigations and observations on biodiversity, whilst a few are based on statistically and theoretically derived information. The book produced sufficient information on the occurrence and distribution of many plant and animal species or groups of organisms with environmental estimates from a wide variety of interesting terrestrial and aquatic habitats. With 18 interesting and elaborately prepared chapters, the present book would definitely be an ideal source of scientific information to the advanced students, junior researchers, scientists and a portion of the public involved in ecology and other research areas involving biodiversity studies. It will also help to the development of the growing awareness of the close linkage between the conversation of biodiversity and economic development.

⇒ Ausführliche Angaben: HT020308767

Grillo, Oscar / Venora, Gianfranco: Biodiversity Loss in a Changing Planet
English. Inhaltliche Zusammenfassung: Every ecosystem is a complex organization of carefully mixed life forms; a dynamic and particularly sensible system. Consequently, their progressive decline may accelerate climate change and vice versa, influencing flora and fauna composition and distribution, resulting in the loss of biodiversity. Climate changes effects are the principal topics of this volume. Written by internationally renowned contributors, Biodiversity loss in a changing planet offers attractive study cases focused on biodiversity evaluations and provisions in several different ecosystems, analysing the current life condition of many life forms, and covering very different biogeographic zones of the planet.

⇒ Ausführliche Angaben: HT020307805

Grillo, Oscar / Venora, Gianfranco: Changing Diversity in Changing Environment
English. Inhaltliche Zusammenfassung: As everybody knows, the dynamic interactions between biotic and abiotic factors, as well as the anthropic ones, considerably affect global climate changes and consequently biology, ecology and distribution of life forms of our planet. These important natural events affect all ecosystems, causing important changes on biodiversity. Systematic and phylogenetic studies, biogeographic distribution analysis and evaluations of diversity richness are focal topics of this book written by international experts, some even considering economical effects and future perspectives on the managing and conservation plans.

⇒ Ausführliche Angaben: HT020307803

Grillo, Oscar / Venora, Gianfranco: The Dynamical Processes of Biodiversity - Case Studies of Evolution and Spatial Distribution
English. Inhaltliche Zusammenfassung: Driven by the increasing necessity to define the biological diversity frame of widespread, endemic and threatened species, as well as by the stimulating chance to describe new species, the study of the evolutive and spatial dynamics is in constant execution. Systematic overviews, biogeographic and phylogenetic backgrounds, species composition and distribution in restricted areas are focal topics of the 15 interesting independent chapters collected in this book, chosen to offer to the reader an overall view of the present condition in which our planet is.

⇒ Ausführliche Angaben: HT020307811

Grimwade, Nigel: International Trade Policy
English. Inhaltliche Zusammenfassung: This volume provides an introduction to the basic theory behind international trade policy. The author analyses current policy issues within a theoretical framework. The book adopts a thematic approach, with each chapter examining
a different issue - each of which is of central importance to contemporary trade policy. The book will be essential for all those who want to understand what governments do, in terms of trade policy and how they do it.
⇒ Ausführliche Angaben: HT020310219

Grinder, John Thomas: On deletion phenomena in English
English.
⇒ Ausführliche Angaben: HT020309995

Grishin, Mikhail: Advances in Solid State Lasers Development and Applications
English. Inhaltliche Zusammenfassung: Invention of the solid-state laser has initiated the beginning of the laser era. Performance of solid-state lasers improved amazingly during five decades. Nowadays, solid-state lasers remain one of the most rapidly developing branches of laser science and become an increasingly important tool for modern technology. This book represents a selection of chapters exhibiting various investigation directions in the field of solid-state lasers and the cutting edge of related applications. The materials are contributed by leading researchers and each chapter represents a comprehensive study reflecting advances in modern laser physics. Considered topics are intended to meet the needs of both specialists in laser system design and those who use laser techniques in fundamental science and applied research. This book is the result of efforts of experts from different countries. I would like to acknowledge the authors for their contribution to the book. I also wish to acknowledge Vedran Kordic for indispensable technical assistance in the book preparation and publishing.
⇒ Ausführliche Angaben: HT020309537

Grozavu, Adrian / Mihai, Florin-Constantin: Environmental Risks
English. Inhaltliche Zusammenfassung: Environmental risks are a multi- and interdisciplinary topic with a great interest in current society. This book examines the issues of natural hazards (e.g., typhoons, landslides, wildfires), anthropogenic activities (construction of artificial dams, the operation of nuclear power plants), and their potential risks to the environment and/or quality of life at various scales, from local to regional and even at a global level. The book intends to discuss concepts, methods, and techniques to address environmental risks and vulnerabilities, revealing the complex interactions between nature and human communities and activities. Policies and practices for disaster risk management should be based on the best state-of-the-art methods and techniques, integration between natural and/or social approaches, interdisciplinary research, and multilevel cooperation.
⇒ Ausführliche Angaben: HT020309052

Grünberg, Paul: Die Reformation und das Elsaß. Festschrift zur 400 jährigen Jubelfeier der Reformation
German.
⇒ Ausführliche Angaben: HT020310012

Grundas, Stanislaw: Advances in Induction and Microwave Heating of Mineral and Organic Materials
English. Inhaltliche Zusammenfassung: The book offers comprehensive coverage of the broad range of scientific knowledge in the fields of advances in induction and microwave heating of mineral and organic materials. Beginning with industry application in many areas of practical application to mineral materials and ending with raw materials of agriculture origin the authors, specialists in different scientific area, present their results in the two sections: Section 1-Induction and Microwave Heating of Mineral Materials, and Section 2-Microwave Heating of Organic Materials.
Guardia, Helena / Fitzsimons, Ronan J. / Chamberlain, Franc: Anthropocosmic Theatre
English. Inhaltliche Zusammenfassung: This new edition of Núñez’s Anthropocosmic Theatre contains the text of the original English translation plus additional contributions from Núñez and others. In part one, Núñez traces his researches in Nahuatlan, Tibetan and western theatre, to arrive at his design for a theatre of the human in the cosmos. Part Two explores how this work has developed, during the last three decades, into an approach to performance training and production that uniquely combines ritual and contemplative influences. New and previously untranslated writing from Núñez presents his idiosyncratic view of an awakened and expansive role for theatre today.

Gudín de la Lama, Enrique / Voces Fernández, Javier: El Duque de Rivas y la Instrucción Pública
spa. Inhaltliche Zusammenfassung: El Duque de Rivas firmó una de las reglamentaciones clave en la transición del modelo educativo de Antiguo Régimen al liberalismo. Historiográficamente se le suele tomar en consideración por su quehacer literario (fue uno de los promotores del primer romanticismo en España), sin embargo, su peripedia vital abarcó más que lo literario. Interesado y comprometido en actividades aparentemente tan dispares como la política, el arte, la milicia, la diplomacia o la administración pública, no dejó de intervenir en cada una de ellas de acuerdo con sus convicciones y los dictados de su tiempo. Los planteamientos educativos liberales nacían en nuestro país con la Constitución de Cádiz bajo la batuta de Manuel José Quintana, que será quien tutele las siguientes propuestas reguladoras liberales. También el Plan del Duque de Rivas se hará sobre las bases establecidas por Quintana, aunque con los matices propios de un liberalismo moderado. Con Isabel II los liberales por fin se habían encontrado en posición de gobernar, pero la gestión de la guerra Carlista y la dialéctica propia de la lucha por el poder produjo en aquellos años la diferenciación entre moderados y progresistas que se tradujo en sus diversos estilos de gobierno. Los rasgos más significativos del Plan del Duque de Rivas fueron: otorgarle preeminencia del gobierno sobre las Cortes en política educativa, la división en enseñanza primaria, secundaria y superior, la gratuidad solo de la enseñanza primaria, la libertad de creación de centros y la articulación de un modelo de formación de maestros. Planteamientos que permanecieron en las siguientes reformas educativas.

Günay, Ezgi: Elasticity of Materials - Basic Principles and Design of Structures
English. Inhaltliche Zusammenfassung: In the science of physics, elasticity is the ability of a deformable body (e.g., steel, aluminum, rubber, wood, crystals, etc) to resist a distorting effect and to return to its original size and shape when that influence or force is removed. Solid bodies will deform when satisfying forces are applied to them. Elasticity solution of materials will be grouped in forms of linear and nonlinear elasticity formulations. The main subject of this book is engineering elasticity and consists of five chapters in two main sections. These two main sections are General Theorems in Elasticity and Engineering Applications in Theory of Elasticity. The first chapter of the first section belongs to the editor and is entitled Analytical and Numerical Approaches in Engineering Elasticity. The second chapter in the first section is entitled A General Overview of Stress-Strain Analysis for the Elasticity Equations by P. Kumar, M. Mahanty, and A. Chattopadhyay. The first chapter of the second section is entitled FEA and Experimental Determination of Applied Elasticity Problems for Fabricating Aspheric Surfaces by Dr. D.N. Nguyen. The second chapter is entitled Concept of Phase Transition Based on Elastic Systematics by Dr. P.S. Nnamchi and Dr. C.S. Obayi. The third chapter
is entitled Repair Inspection Technique Based on Elastic-Wave Tomography Applied for Deteriorated Concrete Structures by Dr. K. Hashimoto, Dr. T. Shiotani, Dr. T. Nishida, and Dr. N. Okude. Finally, this book includes the basic principles of elasticity and related engineering applications about theory and design.

⇒ Ausführliche Angaben: HT020309207

Günay, Ezgi: Natural and Artificial Fiber-Reinforced Composites as Renewable Sources
English. Inhaltsverzeichnis: Nano- and micro-sized natural fibers of vegetable origin are fully biodegradable in nature. However, the nano- and micro-sized synthetic fibers are fully man-made. Fiber-reinforced composites composed of stiffened fiber and matrix are well-known engineering materials. Fiber-reinforced materials have been used in industrial production. Natural fibers can be obtained from many sources in nature such as wool, sisal, ramie, kenaf, jute, hemp, grass, flax, cotton, coir, bamboo, sugarcane bagasse. Artificial fibers have been produced from more stiff materials such as glass, single-walled carbon nanotubes, double-walled carbon nanotubes, carbon, aramid, boron and polyethylene (PE). The cyclic reusability of materials is an important qualification in protecting the environment from waste pollution. Three important factors can be mentioned in terms of material properties in the recycling process.

⇒ Ausführliche Angaben: HT020308667

Günay, Melih: Eco-Friendly Textile Dyeing and Finishing
English. Inhaltsverzeichnis: Human genetics is the medical field with the most rapid progress. This book aims to provide an overview on some of the latest developments in several genetic diseases. It contains 14 chapters focused on various genetic disorders addressing epidemiology, etiology, molecular basis and novel treatment options for these diseases. The chapters were written by 41 collaborators, from 8 different countries in Europe, Asia, and America, with great expertise in their field. Chapters are heterogeneous, offering a welcomed personalized view on each particular subject. The book does not offer a systematic overview of human genetic disorders. However, they are a valuable resource for medical practitioners, researchers, biologists and students in various medical sciences.

⇒ Ausführliche Angaben: HT020307939

Gürer, Bora: Hydrocephalus - Water on the Brain
English. Inhaltsverzeichnis: Hydrocephalus is a common manifestation of many diseases. Caring and treating a patient with hydrocephalus involve engagement and acquire a deep knowledge of anatomy, physiology, and technical details. Despite the technological developments, treatment of hydrocephalus is still a challenge for every neurological surgeon. The aim of this project is to provide a detailed and accessible information for every single discipline, not only for neurological surgeons, involved in the diagnosis and treatment of the patients with hydrocephalus.

⇒ Ausführliche Angaben: HT020308894

Guétat-Bernard, Hélène: Féminin-masculin
French. Inhaltsverzeichnis: Where are we today in the place of women in family agricultures compared with men, in both Northern and Southern countries. Based on very diverse field studies, this book exposes the need to analyse family agricultures from the perspective of masculine-feminine relations and social constructions that organise these power ratios. It addresses in succession the social management of male-female relationships in agriculture, gender inequalities in the definition and impact of agricultural and environmental policies and lastly the different approaches of gender in the food systems.

⇒ Ausführliche Angaben: HT020310352
Guevara-González, Ramón Gerardo: Aflatoxins - Biochemistry and Molecular Biology
English. Inhaltliche Zusammenfassung: Aflatoxins - Biochemistry and Molecular Biology is a book that has been thought to present the most significant advances in these disciplines focused on the knowledge of such toxins. All authors, who supported the excellent work showed in every chapter of this book, are placed at the frontier of knowledge on this subject, thus, this book will be obligated reference to issue upon its publication. Finally, this book has been published in an attempt to present a written forum for researchers and teachers interested in the subject, having a current picture in this field of research about these interesting and intriguing toxins.
⇒ Ausführliche Angaben: HT020307782

Güvenç, Isil Adadan: Salivary Glands - New Approaches in Diagnostics and Treatment
English. Inhaltliche Zusammenfassung: Saliva is a complex fluid that maintains oral health and has many physiological functions. It is a noninvasive diagnostic fluid as well. Lately, salivary diagnostics has proven its potential to reach clinical practice in the near future for the early detection, diagnosis, and monitoring of various diseases. Salivary Glands - New Approaches in Diagnostics and Treatment is a comprehensive reference, which brings together information on salivary secretion and its disorders, the novel salivary diagnostic methods for numerous diseases, and new techniques in the treatment of salivary diseases. This book contains information for a diverse audience, including dentists, oral biologists, experimental biologists, molecular biologists, oncologists, radiologists, oral and maxillofacial surgeons, and otorhinolaryngologists.
⇒ Ausführliche Angaben: HT020309213

Guimarães, Paula / Lima, Licínio C.: European Strategies in Lifelong Learning
English. Inhaltliche Zusammenfassung: Lifelong learning and education is a key concept for the development of adult education as an area of practice and theoretical consideration. In recent decades, meanwhile, the idea of lifelong education and learning has been central to the guidance of various international organisations of many countries.
⇒ Ausführliche Angaben: HT020310462

Gull, Munazza: Plasmid
English. Inhaltliche Zusammenfassung: This book captures in a single volume the wealth of information on the plasmid structure, function, and biology of all organisms that have been examined to date. Plasmids exhibit wide variations in size, modes of replication and transmission, host ranges, and the genes they carry and have provided us with a great understanding of basic life principles at the molecular level. Written by experts in the field, this book is a valuable source of up-to-date information, delivering the latest impacts on studies in the areas of plasmid types, genomes, purification analysis, and expression of recombinant proteins in bacteria. Plasmid utilization in the synthesis of plasmid-based vaccines, plasmids as genetic tools, and their applications in ecology and the evolutionary process are also covered. This book is a single source of valuable information for instructors and students in advanced undergraduate and graduate courses on plasmids. It will also appeal to researchers seeking to find new relationships between biological processes that are linked by plasmids to the environment.
⇒ Ausführliche Angaben: HT020309421

Guo, Xinghua: Advances in Gas Chromatography
English. Inhaltliche Zusammenfassung: For decades gas chromatography has been and will remain an irreplaceable analytical technique in many research areas for both quantitative analysis and qualitative characterization/identification, which is still supplementary with HPLC. This book highlights a few areas where significant advances have been reported recently and/or a revisit of basic concepts is deserved. It provides an overview of instrumental developments, frontline and modern research as well as practical industrial applications. The topics include GC-based metabolomics in biomedical, plant and microbial research, natural products as well as characterization of aging of synthetic materials and industrial monitoring, which are contributions of several experts from different disciplines. It also contains best hand-on practices of sample preparation (derivatization) and data processing in daily research. This book is recommended to both basic and experienced researchers in gas chromatography.

⇒ Ausführliche Angaben: HT020307971

Gurtler, Joshua B. / Annous, Bassam A.: Salmonella - Distribution, Adaptation, Control Measures and Molecular Technologies
English. Inhaltliche Zusammenfassung: The discovery of Salmonella in swine in 1885 marked the beginning of intense efforts to control salmonellae that have continued for the past 127 years. The majority of foodborne outbreaks are caused by only a few of the 2500+ known serovars. While progress has been made on many fronts, salmonellosis has yet to be eliminated in either developed or in developing nations. This work represents the collective contributions of authors from all around the world. Chapters in this book address a wide array of topics related to understanding and controlling this pathogen, including: Salmonella as studied in the environment, air and in food products; virulence and pathogenicity; control by bacteriophages and other antimicrobials; bacterial adaptation; et cetera.

⇒ Ausführliche Angaben: HT020307909

Gustavsen, Bjorn / Gutierrez-Robles, Jose Alberto / Cabral, Eduardo Salvador Banuelos-: Rational Fitting Techniques for the Modeling of Electric Power Components and Systems Using MATLAB Environment
English. Inhaltliche Zusammenfassung: The rational fitting processes have become an essential component of electric power components and systems modelling. These techniques allow the inclusion of frequency-dependent effects in electric power systems modelling. There are several methods for carrying out this model synthesis. This book provides a detailed description of some of the most widely used rational fitting techniques for approximation of frequency domain responses. The techniques are Bodes asymptotic approximation, the Levy method, iteratively reweighted least squares, the Sanathanan-Koerner method, the Noda method, vector fitting, the Levenberg-Marquardt method and the damped Gauss-Newton method. Such models permit the inclusion of frequency dependence in the modelling of overhead transmission lines and underground cables, in power transformers at high frequencies and in frequency-dependent network equivalents (FDNE). A MATLAB routine for each technique is presented.

⇒ Ausführliche Angaben: HT020308506

Gutiérrez, David Ramiro Aguillón: Reptiles and Amphibians
English. Inhaltliche Zusammenfassung: The book Reptiles and Amphibians is a compilation of the current trends in herpetology, focusing on evolution, physiology, monitoring, bioacoustics, threats, and conservation biology. All the chapters present an interesting aspect of the biology of reptiles and amphibians, encompassing different groups of these animals such as frogs, toads, newts, chelonians and snakes from various parts of the world. Without a doubt, this book will help to keep updated on the current problems that arise in this interesting biological group.

⇒ Ausführliche Angaben: HT020308853
Haarscher, Guy / Morelli, Anne / Pacillo, Vincenzo: Le blasphème
French|English. Inhaltliche Zusammenfassung: Considéré comme une attaque au fondement même de l'ordre social et de la morale publique, le blasphème a été et est toujours réprimé en tant que tel. Récemment, certains événements internationaux et certaines revendications identitaires ont toutefois soulevé des interrogations nouvelles sur les formes, la nature et le caractère licite des discours et des images manifestant de l'irrespect à l'égard des religions, serait-ce sur le mode satirique. En examinant les manifestations contemporaines de ce qui est considéré comme outrageux par les religions, mais aussi en envisageant l'histoire et l'anthropologie de la “parole impie” et de sa réception, les études rassemblées dans le présent ouvrage permettent de mieux comprendre comment cette catégorie du discours religieux et juridique s’est construite à travers le temps, dans le but de réprimé certaines formes de contestation des religions établies et de leurs symboles. Car la répression du blasphème montre la complexité de sa gestion sociale et judiciaire, au coeur de la tension entre liberté de conscience (du “diffamateur” et du “diffamé”), liberté d’expression et censure.
⇒ Ausführliche Angaben: HT020309710

Haas, Eliane: Die Verwendung von Bearbeitungen urheberrechtlich geschützter Werke
de. Inhaltliche Zusammenfassung: Die vorliegende Studie beschäftigt sich mit dem Phänomen aufeinander aufbauenden Werkschaffens und den Herausforderungen, die sich daraus für das Urheberrecht stellen. Die untersuchten Lösungsansätze zeigen auf, wie das Urheberrecht diesen Herausforderungen künftig begegnen und damit insbesondere seiner wirtschaftlichen Funktion gerecht werden sollte. Als möglicher Lösungsansatz wird einerseits die extensive Auslegung vorhandener gesetzlicher Regelungen des schweizerischen Urheberrechts wie die Parodieschranke und die Zitatschranke untersucht. Andererseits werden mögliche Lösungen de lege ferenda skizziert und beurteilt. Dabei steht eine Schranke für kreative Bearbeitungen im Vordergrund; davon abgesehen wird die Einführung einer Schrankengeneralklausel und einer Schranke für nichtkommerzielle Verwendung in das schweizerische Urheberrecht untersucht. This study deals with the phenomenon of derivative works and the challenges it poses to copyright law. The author shows how the law should meet these challenges in the future; in doing so, she takes a close look at the economic function of copyright law. As a first approach, the author examines whether extensive interpretation of existing Swiss copyright limitations, such as the parody exception or the right to cite, leads to feasible solutions. As a second approach, she outlines and assesses possible solutions de lege ferenda. Her focus here lies on a new exception for creative derivations, a fair use exception and an exception for non-commercial use for Swiss copyright law.
⇒ Ausführliche Angaben: HT020310393

Hadjimitsis, Diofantos G.: Remote Sensing of Environment - Integrated Approaches
English. Inhaltliche Zusammenfassung: This book covers the latest developments in remote sensing theory and applications by numerous researchers, experts and collaborators of the Remote Sensing and Geo-Environment Lab of the Department of Civil Engineering and Geomatics of the Cyprus University of Technology. The main highlight of this book is combination of several techniques such as satellite remote sensing, field spectroscopy, smart sensors, ground techniques for achieving an integrated method for the systematic monitoring of the environment.
⇒ Ausführliche Angaben: HT020307963

Haedrich, Günther: Werbung als Marketinginstrument. Mit Fallbeispielen aus der Werbepraxis
German.
⇒ Ausführliche Angaben: HT020309978
Häresie und vorzeitige Reformation im Spätmittelalter
German.
⇒ Ausführliche Angaben: HT020310024

Hafez, Inas Hazzaa / Berber, Mohamed Reda: Carbon Nanotubes - Current Progress of their Polymer Composites
English. Inhaltliche Zusammenfassung: This book shows the recent advances of the applications of carbon nanotubes (CNTs), in particular, the polymer functionalized carbon nanotubes. It also includes a comprehensive description of carbon nanotubes’ preparation, properties, and characterization. Therefore, we have attempted to provide detailed information about the polymer-carbon nanotube composites. With regard to the unique structure and properties of carbon nanotubes, a series of important findings have been reported. The unique properties of carbon nanotubes, including thermal, mechanical, and electrical properties, after polymer functionalization have been documented in detail. This book comprises 18 chapters. The chapters include different applications of polymer functionalization CNTs, e.g. photovoltaic, biomedical, drug delivery, gene delivery, stem cell therapy, thermal therapy, biological detection and imaging, electroanalytical, energy, supercapacitor, and gas sensor applications.
⇒ Ausführliche Angaben: HT020308025

Haftendorn, Helga / Schissler, Jakob: The Reagan Administration. A Reconstruction of American Strength?
English.
⇒ Ausführliche Angaben: HT020309990

Hagemann, Ingmar / Leinius, Johanna / Vey, Judith: Handbuch Poststrukturalistische Perspektiven auf soziale Bewegungen
⇒ Ausführliche Angaben: HT020310399

Hagström, Linus: Japans China Policy
English. Inhaltliche Zusammenfassung: Japans China Policy understands Japans foreign policy in terms of power - one of the most central concepts of political analysis. It contributes a fresh understanding to the subject by developing relational power as an analytical framework and by applying it to significant issues in Japans China policy: the negotiations for a bilateral investment protection treaty and the disputed Pinnacle (Senkaku/Diaoyu) Islands. Hagström demonstrates that Japan exerted power over China in such divergent empirical settings for the most part by using civilian instruments positively, defensively and through non-action. Given that Japans foreign policy is often portrayed rather enigmatically in terms of power, the unique contribution of Japans China Policy is to demonstrate how to analyze power aspects of Japans foreign policy in a more coherent fashion. This revealing approach to Japans foreign policy will be of huge interest to anyone.
⇒ Ausführliche Angaben: HT020310215
Haider, Adnan / Haider, Sajjad: Electrospinning - Material, Techniques, and Biomedical Applications
English. Inhaltliche Zusammenfassung: This is a timely, an informative, an interesting, and a well-managed book. The book not only offers an in-depth review of the current status of the knowledge of electrospinning and its biomedical applications but also discusses the emerging ideas and features, both from the East and West, with a focus on the needless electrospinning for the production of uniform fibers. The book is equally helpful to the experts of this field, who wish to enhance their understanding of the emerging technologies, and to the new comers, who can use this book as a reference.
⇒ Ausführliche Angaben: HT020308114

Haider, Adnan / Haider, Sajjad: Hydrogels
English. Inhaltliche Zusammenfassung: This new important book is a collection of research and review articles from different parts of the world discussing the dynamic and vibrant field of hydrogels. The articles are linking new findings and critically reviewing the fundamental concepts and principles that are making the base for innovation. Each chapter discusses the potential of hydrogels in diverse areas. These areas include tissue engineering, implants, controlled drug release, and oil reserve treatment. The book is offering an up-to-date knowledge of hydrogels to experienced as well as new researchers.
⇒ Ausführliche Angaben: HT020308870

Halbertsma, R. B.: Scholars, Travellers and Trade
English. Inhaltliche Zusammenfassung: Today, the National Museum of Antiquities in Leiden is internationally known for its outstanding archaeological collections. Yet its origins lie in an insignificant assortment of artefacts used for study by Leiden University. How did this transformation come about? Ruurd Halbertsma has delved into the archives to show that the appointment of Caspar Reuvens as Professor of Archaeology in 1818 was the crucial turning point. He tells the dramatic story of Reuvens struggle to establish the museum, with battles against rival scholars, red tape and the Dutch attitude of neglect towards archaeological monuments. This book throws new light on the process of creating a national museum, and the difficulties of convincing society of the value of the past.
⇒ Ausführliche Angaben: HT020310144

Halefoglu, Ahmet Mesrur: Computed Tomography - Advanced Applications
English. Inhaltliche Zusammenfassung: The advent and rapid diffusion of advanced multidetector-row scanner technology offers comprehensive evaluation of different anatomic structures in daily practice. The aim of this book is to introduce the applications of CT imaging in not only general medicine but also in different fields especially in veterinary medicine, dentistry, and engineering. Recent developments in CT technology have led to a widening of its applications on many areas like material testing in engineering, 3D evaluation of teeth, and the vascular and cardiac evaluations of small animals.
⇒ Ausführliche Angaben: HT020308380

Halefoglu, Ahmet Mesrur: High-Resolution Neuroimaging - Basic Physical Principles and Clinical Applications
English. Inhaltliche Zusammenfassung: Dr. Ahmet Mesrur Halefoglu mostly deals with research fields in body imaging and neuroradiology with multidetector computed tomography and high-resolution magnetic resonance imaging. He has served as postdoctoral research
fellow at Johns Hopkins Hospital. Currently, he is working as an associate professor of radiology in Istanbul, Turkey. He has more than 50 high-impact-factor publications and has written 3 book chapters. He is a member of Turkish Society of Radiology and European Society of Radiology. During the recent years, there have been major breakthroughs in MRI due to developments in scanner technology and pulse sequencing. These important achievements have led to remarkable improvements in neuroimaging and advanced techniques, including diffusion imaging, diffusion tensor imaging, perfusion imaging, magnetic resonance spectroscopy, and functional MRI. These advanced neuroimaging techniques have enabled us to achieve invaluable insights into tissue microstructure, microvasculature, metabolism, and brain connectivity.

⇒ Ausführliche Angaben: HT020308613

**Halil: Applied Adhesive Bonding in Science and Technology**
English. Inhaltliche Zusammenfassung: This book brings together scientists and provides the reader with a comprehensive overview of some recent developments in the field of adhesive bonding with the contributions of internationally recognized authors. This book is divided into three sections: Structural Adhesive Bonding, Wood Adhesive Bonding, and Adhesive Bonding in Medical Applications. Each section presents an important review and some applications of the adhesive bonding in various different disciplines. I hope that the book published in open access will help researchers to benefit from it.

⇒ Ausführliche Angaben: HT020308586

**Haliva, Racheli / Schmid, Stephan / Spinelli, Emidio: Sceptical Paths. Enquiry and Doubt from Antiquity to the Present**
English. Inhaltliche Zusammenfassung: Sceptical Paths gathers a variety of innovative studies that inquire into the presence and function of sceptical elements, strategies, and approaches in various traditions throughout Ancient, Medieval, Modern, and contemporary philosophy. Special attention is given to the place of sceptical argumentation in religious authors, challenging commonly held distinctions within the historiography of scepticism, and introduction of lesser-known thinkers.

⇒ Ausführliche Angaben: HT020309950

**Hall, Michael C. / Gössling, Stefan: Tourism and Global Environmental Change**
English. Inhaltliche Zusammenfassung: This fascinating book is the first comprehensive analysis of the economic, social and political interrelationships between tourism and global environmental change: one of the most significant issues facing humankind today. Its contributors argue that the impacts of these changes are potentially extremely serious both for the tourism industry, and for the communities dependent upon it. Integrating knowledge from the social and physical sciences, this significant book explores they key issues surrounding global environmental change, as well as government and industry willingness to meet the challenges posed by it. Divided into four main sections, it investigates: the tourism and global environmental change relationship in specific environments global issues related to environmental change differing perceptions of global environmental change held by tourists and the tourist industry. Comprehensive in scope, topical and integrative, this key text is essential reading for students, scholars and researchers in all aspects of tourism, geography and environmental studies.

⇒ Ausführliche Angaben: HT020310078

**Halter, Regine / Walthard, Catherine: Cultural Spaces of Design | Prospects of Design Education**
English.
Hamburger Abendblatt Collector’s Edition
Bände.
⇒ ZDBID: 2970809-6
⇒ Schriftenreihe (Serie)
  - Publikationsstatus: fortlaufende Publikation ohne geplanten Abschluss
  - Erscheinungsweise: unregelmäßig oder sonstige Erscheinungsweise
⇒ DDC (Dewey Decimal Classification):
  - 010ZDB 010ZDB
  - 920DNB 920DNB
  - 920ZDB 920ZDB
⇒ Ausführliche Angaben: HT02045128

⇒ Ausführliche Angaben: HT020310010

Hamidatou, Lylia Alghem: Advanced Technologies and Applications of Neutron Activation Analysis
2019. 1 electronic resource (122 pages). ISBN 9781789859737, ISBN 9781789859744 English. Inhaltliche Zusammenfassung: This book highlights the advanced technologies and applications of neutron activation analysis (NAA). It discusses the latest developments influencing the performance and utility of different NAA techniques across wide areas of applications: nuclear technology, industry, medicine, clinical investigations, biology, geochemistry, soil contamination, waste management, diet, lifestyle and health, cosmology, archeology, forensic science, et cetera. The overall goal of the book is to promote innovation and development of NAA techniques, technologies, and nuclear culture by presenting high-quality chapters with numerous results at both national and international levels. The book will serve as a source for graduate and postgraduate students in nuclear sciences and applications and nuclear analytical techniques, experienced practitioners who want to implement or use other varieties of NAA, professional technicians and analysts, users of NAA, and other stakeholders who wish to better understand NAA techniques.
⇒ Ausführliche Angaben: HT020309349

Hamim / Ratnadewi, Diah: Plant Growth and Regulation - Alterations to Sustain Unfavorable Conditions
2018. 1 electronic resource (114 pages). ISBN 9781789842852, ISBN 9781789842869 English. Inhaltliche Zusammenfassung: Plant Growth and Regulation - Alterations to Sustain Unfavorable Conditions consists of five chapters written by scientists from different parts of the world, who are experts in their respective fields of research. The topics cover the physical growth and physiological and genetic alterations in plants, particularly under environmental stress conditions. The storyline of this book starts from the plant community, followed by cellular and ultrastructural phenomena occurring within the plant in its interaction with the environment, and ends with elucidation of chloroplasts DNAs, their transfer to the nucleus, and the genetic engineering technology applicable for plant adaptation to changing environmental conditions. This book is aimed at attracting the attention of students, teachers, as well as scientists who have a similar focus of study or interest. It contains advanced studies in the respective chapters.
⇒ Ausführliche Angaben: HT020309120

Hammarlin, Mia-Marie: Exposed
English. Inhaltliche Zusammenfassung: This book situates witchcraft drama within its cultural and intellectual context, highlighting the centrality of scepticism and belief in witchcraft to the genre. It is argued that these categories are most fruitfully understood not as static and mutually exclusive positions within the debate around witchcraft, but as rhetorical tools used. This book illuminates the personal experience of being at the centre of a media scandal. The existential level of that experience is highlighted by means of the application of ethnological and phenomenological perspectives to extensive empirical material drawn from a Swedish context. The questions raised and answered in this book include the following: How does the experience of being the protagonist in a media scandal affect a person’s everyday life? What happens to routines, trust, and self-confidence? How does it change the basic settings of his or her lifeworld? The analysis also contributes new perspectives on the fusion between interpersonal communication that takes place face to face, such as gossip and rumours, and traditional news media in the course of a scandal. A scandal derives its momentum from the audiences, whose engagement in the moral story determines its dissemination and duration. The nature of that engagement also affects the protagonist in specific ways. Members of the public participate through traditional oral communication, one vital aspect of which is activity in digital, social forums. The author argues that gossip and rumour must be included in the idea of the media system if we are to be able to understand the formation and power of a media scandal, a contention which entails critiques of earlier research. Oral interpersonal communication does not disappear when new communication possibilities arise. Indeed, it may be invigorated by them. The term news legend is introduced, to capture the entanglement between traditional news-media storytelling and oral narrative.

⇒ Ausführliche Angaben: HT020310425

Hammond, Andrew / Abbot, John: Recent Advances in Flood Risk Management
English. Inhaltliche Zusammenfassung: This book provides a series of topics on flood risk management from around the world. The first section includes models for improved approaches to flood risk management, the importance of groundwater management in the context of floods (focussing on Taiwan), contingency plan for local communities using flood simulation, deciding on response strategies against the identified flood risk before a flood occurs (illustrated for the Philippines) and models for estimating maximum flood heights (illustrated for Mozambique). The second section examines flood risk management relating to the urban environment, with examples from a coastal city in Saudi Arabia and a housing development in Mexico. The third section relates to flood risk management in the context of agriculture, particularly relating to damage to Asian rice crops.

⇒ Ausführliche Angaben: HT020309315

Hammons, T. J.: Electricity Infrastructures in the Global Marketplace
English. Inhaltliche Zusammenfassung: This book discusses trends in the energy industries of emerging economies in all continents. It provides the forum for dissemination and exchange of scientific and engineering information on the theoretical generic and applied areas of scientific and engineering knowledge relating to electrical power infrastructure in the global marketplace. It is a timely reference to modern deregulated energy infrastructure: challenges of restructuring electricity markets in emerging economies. The topics deal with nuclear and hydropower worldwide; biomass; energy potential of the oceans; geothermal energy; reliability; wind power; integrating renewable and dispersed electricity into the grid; electricity markets in Africa, Asia, China, Europe, India, Russia, and in South America. In addition the merits of GHG programs and markets on the electrical power industry, market mechanisms and supply adequacy in hydro-dominated countries in Latin America, energy issues under deregulated environments (including insurance issues) and the African Union and new partnerships for Africa's development is considered.

⇒ Ausführliche Angaben: HT020309553

Hampl, Stefan: Videoanalysen von Fernsehshows und Musikvideos

⇒ Ausführliche Angaben: HT020310482

Hamza, Amal H.: Vitamin C
English. Inhaltliche Zusammenfassung: This book highlights recent advances on vitamin C and related topics. The chapters of this book include basic information about vitamin C function, sources and analysis, and radioprotective and antioxidant effect of vitamin C. Also, the anticarcinogenic effect of vitamin C is introduced. Furthermore, we considered the encapsulation technique used in vitamin C preparation. Finally, recent advances in vitamin C transporter are illustrated.

⇒ Ausführliche Angaben: HT020308373

Handy, Scott: Applications of Ionic Liquids in Science and Technology
English. Inhaltliche Zusammenfassung: This volume, of a two volume set on ionic liquids, focuses on the applications of ionic liquids in a growing range of areas. Throughout the 1990s, it seemed that most of the attention in the area of ionic liquids applications was directed toward their use as solvents for organic and transition-metal-catalyzed reactions. Certainly, this interest continues on to the present date, but the most innovative uses of ionic liquids span a much more diverse field than just synthesis. Some of the main topics of coverage include the application of RTILs in various electronic applications (batteries, capacitors, and light-emitting materials), polymers (synthesis and functionalization), nanomaterials (synthesis and stabilization), and separations. More unusual applications can be noted in the fields of biomass utilization, spectroscopy, optics, lubricants, fuels, and refrigerants. It is hoped that the diversity of this volume will serve as an inspiration for even further advances in the use of RTILs.

⇒ Ausführliche Angaben: HT020307778

Handy, Scott: Ionic Liquids - Current State of the Art
English. Inhaltliche Zusammenfassung: Ionic liquids continue to attract a great deal of research attention in an even increasing number of areas, including more traditional areas such as synthesis (organic and materials) and physical properties studies and predictions, as well as less obvious areas such as lubrication and enzymatic transformations. In this volume, recent advances in a number of these different areas are reported and reviewed, thus granting some appreciation for the future that ionic liquids research holds, and affording inspiration for those who have not previously considered the application of ionic liquids in their area of interest.

⇒ Ausführliche Angaben: HT020307986

Handy, Scott: Progress and Developments in Ionic Liquids
English. Inhaltliche Zusammenfassung: Ionic liquids, including the newer subcategory of deep eutectic solvents, continue to attract a great deal of research attention in an even increasing number of areas, including traditional areas such as synthesis (organic and materials), electrochemistry, and physical property studies and predictions, as well as less obvious areas
such as lubrication and enzymatic transformations. In this volume, recent advances in a number of these different areas are reported and reviewed, thus granting some appreciation for the future that ionic liquid research holds and affording inspiration for those who have not previously considered the application of ionic liquids in their area of interest.

⇒ Ausführliche Angaben: HT020308156

**Handy, Scott T.: Ionic Liquids - Classes and Properties**
English. Inhaltsangaben: Room temperature ionic liquids (RTILs) are an interesting and valuable family of compounds. Although they are all salts, their components can vary considerably, including imidazolium, pyridinium, ammonium, phosphonium, thiazolium, and triazolium cations. In general, these cations have been combined with weakly coordinating anions. Common examples include tetrafluoroborate, hexafluorophosphate, triflate, triflimide, and dicyanamide. The list of possible anionic components continues to grow at a rapid rate. Besides exploring new anionic and cation components, another active and important area of research is the determination and prediction of their physical properties, particularly since their unusual and tunable properties are so often mentioned as being one of the key advantages of RTILs over conventional solvents. Despite impressive progress, much work remains before the true power of RTILs as designer solvents (i.e., predictable selection of a particular RTIL for any given application) can be effectively harnessed.

⇒ Ausführliche Angaben: HT020309566

**Hannay, Alastair: On the Public**
English. Inhaltsangaben: The media often talk about public opinion, the American or British public, or the movie-going public. A public can hold an opinion and be divided. What is the public and where did it come from? Is there one public or many? Is the very idea of the public a myth? In this fascinating book, Alastair Hannay explores these questions and unpacks a much talked about but little understood phenomenon. He begins by tracing the origins of the public back to ancient Rome, before arguing that the idea of a public sphere is closely linked to the birth of democracy in the eighteenth century. He also reflects on the Enlightenment and the origins of public opinion, as well as considering the role of the media in creating and manipulating the public, and asks whether the very idea of the public might be uprooted and undermined by the Internet and global technology. Engaging and controversial in equal measure, On the Public also draws on famous thinkers who have written about the public, such as Kierkegaard, Hannah Arendt, John Dewey and Jürgen Habermas.

⇒ Ausführliche Angaben: HT020310177

**Hannover, Extinction Rebellion: "Hope dies - Action begins"**
German. Inhaltsangaben: Hope this - action begins - this is the motto of the new global environmental movement Extinction Rebellion (XR). XR wants to make us all aware of finally taking radical measures against the gigantic species extinction and climate catastrophe. This book features XR activists who explain XR claims, XR principles and values and XR actions from their own point of view. This is intended to encourage readers to engage with this movement and its goals. XR means rebellion for life.

⇒ Ausführliche Angaben: HT020309881

**Hardon, Anita / Hadolt, Bernhard: Emerging Socialities in 21st Century Healthcare**
English. Inhaltsangaben: The landscape of health care is changing rapidly, both on an organizational and a technological level. This book gathers medical anthropologists to examine the ways that both patients and health care workers are being affected by new policies, market, and technologies. Contributors cover a wide range of topics, including
vaccination, disability, migration, and self-medication, making clear that not only are changing circumstances leading to the emergence of new socialities, but they are also driving new ethics and moralities.

⇒ Ausführliche Angaben: HT020309813

**Harkut, Dinesh G.: Artificial Intelligence - Scope and Limitations**
English. Inhaltliche Zusammenfassung: Artificial intelligence (AI) is a potent buzzword and happening technology which has greatly impacted the lifestyle of every human being either directly or indirectly and is shaping the future of tomorrow. In fact, AI is fast becoming an intrinsic part of our daily life and is not confined to university research labs, even if remarkable progress has been made in this domain. The benefit of this phenomenon is widely recognized in diversified areas, ranging from medicine to security to consumer applications and business, and resulting in improvements in the quality of life of humankind. Every new disruptive technology has its own pros and cons and AI is no exception to this rule. Privacy, data protection, and the rights of individuals pose social and ethical challenges.

⇒ Ausführliche Angaben: HT020309333

**Harley, James: Xenakis**
English. Inhaltliche Zusammenfassung: Xenakis: His Life in Music is a full-length study of the influential contemporary composer Iannis Xenakis. Following the trajectory of Xenakis's compositional development, James Harley, who studied with Xenakis, presents the works together with clear explanations of the technical and conceptual innovations that shaped them. Harley examines the relationship between the composer and two early influences: Messiaen and Le Corbusier. Particular attention is paid to analyzing works which were vital to the composer's creative development, from early, unpublished works to the breakthrough pieces Metastasis and Pithoprakta, through the oft-discussed decade of formalization and the evolving styles of the succeeding three decades.

⇒ Ausführliche Angaben: HT020310055

**Harmand, Jean-Michel / Seghieri, Josiane: Agroforesterie et services écosystémiques en zone tropicale**
French. Inhaltliche Zusammenfassung: Respectueux de l'environnement et garantissant une sécurité alimentaire soutenue par la diversification des productions et des revenus qu'ils procurent, les systèmes agroforestiers apparaissent comme un modèle prometteur d'agriculture durable dans les pays du Sud les plus vulnérables aux changements globaux. Cependant, ces systèmes agroforestiers ne peuvent être optimisés qu'à condition de mieux comprendre et de mieux maîtriser les facteurs de leurs productions. Louvrage présente un ensemble de connaissances récentes sur les mécanismes biophysiques et socio-économiques qui sous-tendent le fonctionnement et la dynamique des systèmes agroforestiers. Il concerne, d'une part les systèmes agroforestiers à base de cultures pérennes, telles que cacaoyers et cafésiers, de régions tropicales humides en Amérique du Sud, en Afrique de l'Est et du Centre, d'autre part les parcs arborés et arbustifs à base de cultures vivrières, principalement de céréales, de la région semi-aride subsaharienne d'Afrique de l'Ouest. Il synthétise les dernières avancées acquises grâce à plusieurs projets associant le Cirad, IIRD et leurs partenaires du Sud qui ont été conduits entre 2012 et 2016 dans ces régions. L'ensemble de ces projets sert d'un autre dynamiques des systèmes agroforestiers et des compromis entre les services de production et les autres services socio-écosystémiques que ces systèmes fournissent.

⇒ Ausführliche Angaben: HT020310387

**Harmat, Gal: Chapter 1 Introductions**
English. Inhaltliche Zusammenfassung: This introduction will not simply introduce the topic of the book as a classical introduction. Instead, it will combine the first chapter of the book...
with introduction by focusing on how to start a workshop or course. This is the way I often open my courses and learning workshops. We will begin, then, by examining the very concept of introductions in the widest sense, with a special focus on the function of names: names that individuals are given at birth, usually by their parents or extended family, and that are often chosen because of their significance. People’s names are imbued with meaning, with symbolism, with cultural—and often religious—meaning, which for some may carry positive connotations while others may find a certain name at best aseptic or, at worst, frightening. And in most cases, your name is the first aspect of your person that others experience.
Hasaneen, Mohammed Naguib Abd El-Ghany: Herbicides - Properties, Synthesis and Control of Weeds
English. Inhaltliche Zusammenfassung: This book is divided into two sections namely: synthesis and properties of herbicides and herbicidal control of weeds. Chapters 1 to 11 deal with the study of different synthetic pathways of certain herbicides and the physical and chemical properties of other synthesized herbicides. The other 14 chapters (12-25) discussed the different methods by which each herbicide controls specific weed population. The overall purpose of the book, is to show properties and characterization of herbicides, the physical and chemical properties of selected types of herbicides, and the influence of certain herbicides on soil physical and chemical properties on microflora. In addition, an evaluation of the degree of contamination of either soils and/or crops by herbicides is discussed alongside an investigation into the performance and photochemistry of herbicides and the fate of excess herbicides in soils and field crops.
⇒ Ausführliche Angaben: HT020307825

Hasegawa, Hiroshi / Rahman, Ismail M. M. / Begum, Zinnat Ara: Metals in Soil - Contamination and Remediation
English. Inhaltliche Zusammenfassung: The anthropogenic input of metals into the atmosphere is estimated to be one-to-three orders of magnitude higher than natural fluxes. Soil acts as the primary sink for anthropogenic metals among the environmental spheres. Most metals show indefinite persistence in the ecosphere due to resistance against microbial or chemical-assisted degradation. This edited book is an attempt to compile reviews and case studies from different researchers focusing on different aspects of soil contamination by metals and its subsequent remediation. The books contents will be useful for researchers and strategists interested in the environmental aspects of soil contamination.
⇒ Ausführliche Angaben: HT020309303

Hasenclever, Ludwig: Das Tragische und die Tragödie. Grundsätzliche Äußerungen deutscher Denker und Dichter
German.
⇒ Ausführliche Angaben: HT020310037

Hasenpflug, Martin: 300 Übungen für ein neues Fußballtraining
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
- 796DNB 796DNB
⇒ DDC (Dewey Decimal Classification):
- 79623sdnb 79623sdnb
⇒ Ausführliche Angaben: HT020312329

Hashim, Abbass A: Polymer Thin Films
English. Inhaltliche Zusammenfassung: This book provides a timely overview of a current
state of knowledge of the use of polymer thin film for important technological applications. Polymer thin film book covers the scientific principles and technologies that are necessary to implement the use of polymer electronic device. A wide-ranging and definitive coverage of this emerging field is provided for both academic and practicing scientists. The book is intended to enable readers with a specific background, e.g. polymer nanotechnology, to become acquainted with other specialist aspects of this multidisciplinary field. Part A of the book covers the fundamental of the key aspect related to the development and improvement of polymer thin film technology and part B covers more advanced aspects of the technology are dealt with nano-polymer layer which provide an up-to-date survey of current research directions in the area of polymer thin film and its application skills.

⇒ Ausführliche Angaben: HT020309542

Hashim, Abbass A.: The Delivery of Nanoparticles
English. Inhaltsübersicht: Nanoparticle is a general challenge for today's technology and the near future observations of science. Nanoparticles cover mostly all types of sciences and manufacturing technologies. The properties of this particle are flying over today scientific barriers and have passed the limitations of conventional sciences. This is the reason why nanoparticles have been evaluated for the use in many fields. InTech publisher and the contributing authors of this book in nanoparticles are all overconfident to invite all scientists to read this new book. The book's potential was held until it was approached by the art of exploring the most advanced research in the field of nano-scale particles, preparation techniques and the way of reaching their destination. 25 reputable chapters were framed in this book and there were alienated into four altered sections: Toxic Nanoparticles, Drug Nanoparticles, Biological Activities and Nano-Technology.

⇒ Ausführliche Angaben: HT020309579

Hashim, Abbass: Advances in Nanocomposite Technology
English. Inhaltsübersicht: The book Advances in Nanocomposite Technology contains 16 chapters divided in three sections. Section one, Electronic Applications, deals with the preparation and characterization of nanocomposite materials for electronic applications and studies. In section two, Material Nanocomposites, the advanced research of polymer nanocomposite material and polymer-clay, ceramic, silicate glass-based nanocomposite and the functionality of graphene nanocomposites is presented. The Human and Bioapplications section is describing how nanostructures are synthesized and draw attention on wide variety of nanostructures available for biological research and treatment applications. We believe that this book offers broad examples of existing developments in nanocomposite technology research and an excellent introduction to nanoelectronics, nanomaterial applications and bionanocomposites.

⇒ Ausführliche Angaben: HT020307739

Hashim, Abbass: Nanowires - Fundamental Research
English. Inhaltsübersicht: Understanding and building up the foundation of nanowire concept is a high requirement and a bridge to new technologies. Any attempt in such direction is considered as one step forward in the challenge of advanced nanotechnology. In the last few years, InTech scientific publisher has been taking the initiative of helping worldwide scientists to share and improve the methods and the nanowire technology. This book is one of InTech's attempts to contribute to the promotion of this technology.

⇒ Ausführliche Angaben: HT020307732

Hashim, Abbass: Nanowires - Implementations and Applications
English. Inhaltsübersicht: This potentially unique work offers various approaches on the implementation of nanowires. As it is widely known, nanotechnology presents the control of matter at the nanoscale and nanodimensions within few nanometers, whereas
this exclusive phenomenon enables us to determine novel applications. This book presents an overview of recent and current nanowire application and implementation research worldwide. We examine methods of nanowire synthesis, types of materials used, and applications associated with nanowire research. Wide surveys of global activities in nanowire research are presented, as well.

⇒ Ausführliche Angaben: HT020307729

**Hatschek, Julius: Englische Verfassungsgeschichte bis zum Regierungsantritt der Königin Victoria**
German.
⇒ Ausführliche Angaben: HT020310032

**Hatzopoulos, Stavros: Advances in Clinical Audiology**
English. Inhaltliche Zusammenfassung: Advances in Clinical Audiology is an excursion on the latest findings in clinical audiology with a strong emphasis in new emerging technologies which facilitate and optimize a better assessment of the human patient. The book has been edited with a strong educational perspective (all chapters include an extensive introduction to their corresponding topic and an extensive glossary of terms). The book contains material suitable for graduate students in audiology, ENT, hearing science, and neuroscience.
⇒ Ausführliche Angaben: HT020308204

**Hauser, Miriam: Der Rest vom Fest | Eine spätbronzezeitliche Grube voller Scherben vom Seckeberg in Frick**
⇒ Ausführliche Angaben: HT020307493

**Hauser, Peter J.: Advances in Treating Textile Effluent**
English. Inhaltliche Zusammenfassung: The treatment of textile wet processing effluent to meet stringent governmental regulations is a complex and continually evolving process. Treatment methods that were perfectly acceptable in the past may not be suitable today or in the future. This book provides new ideas and processes to assist the textile industry in meeting the challenging requirements of treating textile effluent.
⇒ Ausführliche Angaben: HT020307792
Hauser, Peter J.: Textile Dyeing
English. Inhaltsliche Zusammenfassung: The coloration of fibers and fabrics through dyeing is an integral part of textile manufacturing. This book discusses in detail several emerging topics on textile dyeing. Textile Dyeing will serve as an excellent addition to the libraries of both the novice and expert.
⇒ Ausführliche Angaben: HT020307816

Hawkins, Benjamin / Ettelt, Stefanie / Parkhurst, Justin: Evidence Use in Health Policy Making
English. Inhaltsliche Zusammenfassung: This open access book provides a set of conceptual, empirical, and comparative chapters that apply a public policy perspective to investigate the political and institutional factors driving the use of evidence to inform health policy in low, middle, and high income settings. The work presents key findings from the Getting Research Into Policy (GRIP-Health) project: a five year, six country, programme of work supported by the European Research Council. The chapters further our understanding of evidence utilisation in health policymaking through the application of theories and methods from the policy sciences. They present new insights into the roles and importance of factors such as issue contestation, institutional arrangements, logics of appropriateness, and donor influence to explore individual cases and comparative experiences in the use of evidence to inform health policy.
⇒ Ausführliche Angaben: HT020309695

Hay, Roderick J. / Asiedu, Kingsley: Skin-Related Neglected Tropical Diseases (Skin-NTDs)-A New Challenge
eng. Inhaltsliche Zusammenfassung: This Special Issue explores the range of clinical manifestations and epidemiology of both skin NTDs and common skin disease in endemic regions, the use of common diagnostic and management pathways, the different technologies that play a role in diagnosis and training, the role of patient involvement at a community level, as well as the assessment of the results of different initiatives in the field.
⇒ Ausführliche Angaben: HT020307433

Hayden, Jacqueline: The Collapse of Communist Power in Poland
English. Inhaltsliche Zusammenfassung: Based on extensive original research, including interviews with key participants, this book investigates the sudden and unforeseen collapse of communist power in Poland in 1989. It sets out the sequence of events, and examines the strategies of the various political groupings prior to the partially free election of June 1989. This volume argues that the specific negotiating strategies adopted by the communist party representatives in the Round Table discussions before the elections was a key factor in communism's collapse. The book shows that on many occasions, PZPR decision-makers ignored expert advice, and many Round Table bargains went against the party's best interests. Using in-depth interviews with major party players, including General Jaruzelski, General Kiszczak and Mieczyslaw Rakowski, as well as Solidarity advisors such as Adam Michnik, the text provides a unique source of first-hand accounts of Poland's revolutionary drama.
⇒ Ausführliche Angaben: HT020310112

Hearn, Jeff: Men In The Public Eye
⇒ Ausführliche Angaben: HT020310191
Heath, David S.: Home Treatment for Acute Mental Disorders
English. Inhaltliche Zusammenfassung: In the U.S., when a patient is in need of rigorous psychiatric care, the first step is hospitalization. However, elsewhere in the world, psychiatric home treatment is proposed as an alternative. Model programs in Canada and the United Kingdom are publicly administered by community health agencies or teaching hospitals. Home Treatment for Acute Mental Disorders provides a review of the literature on home care and describes working programs around the world. This timely volume reviews treatment plans for different disorders with case illustrations, explains the administration of a PHC program and offers guidelines to case workers. It will be of interest to psychiatrists and policy makers working on the issue of patient hospitalization.
⇒ Ausführliche Angaben: HT020310234

Hecquet, Ignace / Droesbeke, Jean-Jacques / Dupuis, Françoise: La population étudiante
French. Inhaltliche Zusammenfassung: D'où viennent les étudiants qui entrent dans l'enseignement supérieur ? Quel type d'enseignement choisissent-ils ? Quel choix spécifique d'études font-ils ? L'enseignement supérieur s'est-il "féminisé" au cours du temps ? La réussite varie-t-elle en fonction du sexe ? Un retard scolaire à l'entrée a-t-il des effets sur la réussite ? La filière du secondaire influence-t-elle la réussite ? Telles sont quelques-unes des questions auxquelles cet ouvrage tente de répondre à partir d'une étude menée par une équipe de chercheurs de l'Université catholique de Louvain et de l'Université libre de Bruxelles. À partir de bases de données relatives au système éducatif de la Communauté française de Belgique, et tout particulièrement à son enseignement supérieur, ces chercheurs ont décrit et analysé ce système et son évolution. Ils se sont aussi intéressés à son avenir par des essais de perspectives. Pour atteindre ses objectifs, l'équipe interuniversitaire a développé une méthodologie spécifique dont le lecteur trouvera aussi l'exposé dans ce livre.
⇒ Ausführliche Angaben: HT020309750

Heer, Barbara: Cities of Entanglements
English. Inhaltliche Zusammenfassung: How do people live together in cities shaped by inequality? This comparative ethnography of two African cities, Maputo and Johannesburg, presents a new narrative about social life in cities often described as sharply divided. Based on the ethnography of entangled lives unfolding in a township and in a suburb in Johannesburg, in a bairro and in an elite neighborhood in Maputo, the book includes case studies of relations between domestic workers and their employers, failed attempts by urban elites to close off their neighborhoods, and entanglements emerging in religious spaces and in shopping malls. Systematizing comparison as an experience-based method, the book makes an important contribution to urban anthropology, comparative urbanism and urban studies.
⇒ Ausführliche Angaben: HT020309885

Heilmann, Till A. / Schröter, Jens: Medien verstehen: Marshall McLuhans Understanding Media
⇒ Ausführliche Angaben: HT020310445

Heinbockel, Thomas: Sensory Nervous System
English. Inhaltliche Zusammenfassung: The sensory nervous system is of critical importance in our daily lives and contributes to our personal well-being and safety as well as communication with others. However, it is only when disease or injury impair its function that we fully appreciate the relevance of our sensory modalities. During the past decades, research of our senses has seen an ever-growing interest in this exciting field of study. This book provides the reader with an overview of the current state-of-the-art of research of our senses and focuses on the most important evidence-based developments in this area. This book addresses both the physiology and pathophysiology of our sensory nervous system ranging from molecular, cellular, and systems to cognitive and behavioral topics. Individual chapters focus on recent advances in specific areas of sensory systems in different model organisms and humans. All chapters represent recent contributions to the rapidly developing field of sensory science.

⇒ Ausführliche Angaben: HT020308868

Heinbockel, Thomas: Synaptic Plasticity
English. Inhaltliche Zusammenfassung: Nerve cells form thousands of contact points, the synapses, to communicate information with other neurons and target cells. Synapses are sites for changes in brain function through modification of synaptic transmission termed synaptic plasticity. The study of synaptic plasticity has flourished over the years with the advancement of technical breakthroughs and is a timely scientific endeavor today just like it was several decades ago. This book contributes to our understanding of synaptic plasticity at the molecular, biochemical, and cellular systems and behavioral level and informs the reader about its clinical relevance. The book contains ten chapters in three sections: (1) Mechanisms of Synaptic Plasticity, (2) Neural Plasticity, and (3) Plasticity and Neurological Diseases. The book provides detailed and current reviews in these different areas written by experts in their respective fields. The mechanisms of synaptic plasticity and its relation to neurological diseases are featured prominently as a recurring theme throughout most chapters. This book will be most useful for neuroscientists and other scientists alike and will contribute to the training of current and future students who find the plastic nervous system as fascinating as many generations before them.

⇒ Ausführliche Angaben: HT020308303

Heise, Christian: Von Open Access zu Open Science: Zum Wandel digitaler Kulturen der wissenschaftlichen Kommunikation
German. Inhaltliche Zusammenfassung: Mit der Digitalisierung geht der Ruf nach freiem Zugang zu wissenschaftlichen Forschungsergebnissen und einer...

⇒ Ausführliche Angaben: HT020310448

Heisterberg, Marion / Müller-Bechtel, Susanne / Putzger, Antonia: NICHTS NEUES SCHAFFEN. Perspektiven auf die treue Kopie 1300-1900
German / English. Inhaltliche Zusammenfassung: Faithfulness as a genuine quality of copies.

⇒ Ausführliche Angaben: HT020309927

Hellerstedt, Andreas: Virtue Ethics and Education from Late Antiquity to the Eighteenth Century
English. Inhaltliche Zusammenfassung: This book argues that premodern societies were characterized by the quest for “virtue.” The concept of virtue, complicated and much fought-over, permeated society, encouraging wisdom, courage, and justice, while simultaneously legitimizing social hierarchies based on sex and nationality. By examining pedagogical texts, rituals, performances, and images, this book illuminates the evolution of virtue through time, helping readers understand the guiding principles of historical action.

⇒ Ausführliche Angaben: HT020309810

Hellmann, Deborah F. / Fernau, Sandra: Sexueller Missbrauch Minderjähriger durch katholische Geistliche in Deutschland
In this anthology, empirical findings on sexual abuse by Catholic clerics in Germany are presented for the first time. The results are based on data of two samples of victims and thereby provide in-depth knowledge about background, characteristics and consequences of sexual abuse within the Catholic Church: a quantitative questionnaire study and a qualitative interview study. The analyses of the quantitative survey emphasize the central characteristics of the abuse and their psychosocial effects on the victims. Additionally, reactions of the public authorities and the Catholic Church regarding the victims’ disclosure of the sexual abuse are taken into account. The qualitative research focusses on victims’ different biographical ways of handling the sexual abuse. Particularly the recourse to Catholic beliefs in dealing with the experienced sexual violence is revealed.
approaches are urgently desired to keep the infection at bay. Furthermore, to strengthen the leishmaniasis elimination drive, particular emphasis has to be laid on identification of new targets and vaccination strategies. This book gives a brief glimpse of the epidemiology of leishmaniasis, immune evasion, vaccination, and therapeutic modalities that may work by untangling the immunological cross-wires of pathogenic cross-talk. The Conventional treatment and its drawbacks, the prospects of phytotherapy and nanomedicines, are also discussed. The identification of drug targets with the aim of designing inhibitors is also exemplified.

⇒ Ausführliche Angaben: HT020309062

Henderson, Luke: Carbon Fibers and Their Composite Materials
eng. Inhaltliche Zusammenfassung: Carbon fiber is an oft-referenced material that serves as a means to remove mass from large transport infrastructure. Carbon fiber composites, typically plastics reinforced with the carbon fibers, are key materials in the 21st century and have already had a significant impact on reducing CO2 emissions. Though, as with any composite material, the interface where each component meets, in this case the fiber and plastic, is critical to the overall performance.

⇒ Ausführliche Angaben: HT020307402

Hérault, Laurence / Bernardi, Valérie / Premat, Christophe: Masculinités
French|English. Inhaltliche Zusammenfassung: " Un homme n’aurait pas idée d’écrire un livre sur la situation singulière qu’occupent dans l’humanité les mâles ”, affirmait en 1949 la philosophe française Simone de Beauvoir. Les profondes mutations qui ont affecté le genre et la sexualité ces dernières décennies ont pourtant fait mentir l’auteure du Deuxième sexe: le masculin est désormais objet de multiples débats, réflexions et recherches. Rassemblés dans une perspective de décloisonnement disciplinaire, des historiens, sociologues, philosophes, anthropologues et spécialistes de la littérature ou du cinéma mettent ici en évidence le caractère pluriel des expériences et idéologies de la virilité. Ils montrent également que la construction du masculin ne s’opère jamais en vase clos, mais bien en étroite corrélation avec celle du féminin. Ce sont donc au final les deux ” sexes ” qui sont au cœur de ce volume qui, en dénaturalisant les catégories sociales, éclaire le caractère contingent, quotidiennement ré-inventé de ce qui apparaît évident: être une femme ou un homme.

⇒ Ausführliche Angaben: HT020309790

Herencsar, Norbert / Benedetto, Francesco / Crichigno, Jorge: Selected Papers from the 2018 41st International Conference on Telecommunications and Signal Processing (TSP)
eng. Inhaltliche Zusammenfassung: This Special Issue contains a series of excellent research works on telecommunications and signal processing, selected from the 2018 41st International Conference on Telecommunications and Signal Processing (TSP) which was held on July 4-6, 2018, in Athens, Greece. The conference was organized in cooperation with the IEEE Region 8 (Europe, Middle East, and Africa), IEEE Greece Section, IEEE Czechoslovakia Section, and IEEE Czechoslovakia Section SP/CAS/COM Joint Chapter by seventeen universities from the Czech Republic, Hungary, Turkey, Taiwan, Japan, Slovak Republic, Spain, Bulgaria, France, Slovenia, Croatia, and Poland, for academics, researchers, and developers, and serves as a premier international forum for the annual exchange and promotion of the latest advances in telecommunication technology and signal processing. The aim of the conference is to bring together both novice and experienced scientists, developers, and specialists, to meet new colleagues, collect new ideas, and establish new cooperation between research groups from universities, research centers, and private sectors worldwide. This collection of 10 papers is highly recommended for researchers, and believed to be interesting, inspiring, and motivating for readers in their further research.

⇒ Ausführliche Angaben: HT020307374

Hermon, Carole: Services écosystémiques et protection des sols
French. Inhaltliche Zusammenfassung: Based on analyses by agricultural and legal experts, this work offers food for thought on using the law to include the notion of ecosystem service in soil protection. It has been written as part of the research programme ©oeSoil cultivation, ecosystem services and compensation. Agricultural and legal aspects within the Institute of legal studies on town planning, construction and environment.
⇒ Ausführliche Angaben: HT020310368

English. Inhaltliche Zusammenfassung: The aim of the Workshop: Technology, Science, and Culture - A Global Vision is to create a discussion forum on research related to the fields of Water Science, Food Science, Intelligent Systems, Molecular Biomedicine, and Creation and Theories of Culture. The workshop is intended to discuss research on current problems, relevant methodologies, and future research streams and to create an environment for the exchange of ideas and collaboration among participants.
⇒ Ausführliche Angaben: HT020309252

Hernández, Maria Herminia Olivera / Lins, Eugênio de Ávila: Iconografia: pesquisa e aplicação em estudos de Artes Visuais, Arquitetura e Design
Portuguese. Inhaltliche Zusammenfassung: Este livro materializa a multiplicação dos resultados do curso intensivo internacional Iconografia: pesquisa e aplicação em estudos de artes visuais, realizado no Museu de Arte da Bahia (MAB) coordenado pelo Programa de Pós-Graduação em Artes Visuais da Escola de Belas Artes da Universidade Federal da Bahia. São 13 artigos presentes na publicação de autoria de pesquisadores brasileiros e portugueses que se debruçam sobre o protagonismo da imagem, a linguagem figurativa, que se configura como ponto de partida para as análises iconográficas e diversas outras temáticas da área.
⇒ Ausführliche Angaben: HT020309844

Hernández-Lahoz, Carlos / Rodrigo, Luis: Celiac Disease - From the Bench to the Clinic
English. Inhaltliche Zusammenfassung: Celiac disease (CD) occurs in about 1% of people worldwide. Diagnosis rates are increasing due to a true rise in incidence, rather than increased awareness and detection. CD affects genetically susceptible individuals who are triggered by the ingestion of gluten. The disease has many clinical manifestations, ranging from severe to minimally symptomatic or non-symptomatic presentations. Diagnosis requires the presence of duodenal chronic inflammation, and most patients have circulating antibodies against tissue transglutaminase. Our understanding of the basic and clinical aspects of CD increases, which is as a major health problem of almost global occurrence. Case finding, distinguishing CD from other gluten-sensitive conditions, better care, and balanced use of resources are the current challenges.
⇒ Ausführliche Angaben: HT020309206

Hernandez-Soriano, Maria C.: Environmental Risk Assessment of Soil Contamination
English. Inhaltliche Zusammenfassung: Soil is an irreplaceable resource that sustains life on the planet, challenged by food and energy demands of an increasing population. Therefore, soil contamination constitutes a critical issue to be addressed if we are to secure the life quality of present and future generations. Integrated efforts from researchers and policy makers are required to develop sound risk assessment procedures, remediation strategies and sustainable soil management policies. Environmental Risk Assessment of Soil Contamination provides a wide depiction of current research in soil contamination and risk assessment, encompassing reviews and case studies on soil pollution by heavy metals and organic pollutants. The book
introduces several innovative approaches for soil remediation and risk assessment, including advances in phytoremediation and implementation of metabolomics in soil sciences.

⇒ Ausführliche Angaben: HT020307974

**Herold, Alexander / Schiedeck, Thomas: Manual der Koloproktologie, Band 1**
German. Inhaltliche Zusammenfassung: This is the standard textbook for every medical or surgical coloproctologist from the German Society for Coloproctology. In two volumes, it covers the full anatomy of the colon from the ileocecal valve to the anus. Each chapter offers a comprehensive overview of the etiology, pathogenesis, classification, symptomatology, diagnosis, conservative and surgical therapy, and the prophylaxis of individual diseases.

⇒ Ausführliche Angaben: HT020309954

**Herold, Alexander / Schiedeck, Thomas: Manual der Koloproktologie, Band 2**
German. Inhaltliche Zusammenfassung: This is the standard textbook for every medical or surgical coloproctologist from the German Society for Coloproctology. In two volumes, it covers the full anatomy of the colon from the ileocecal valve to the anus. Each chapter offers a comprehensive overview of the etiology, pathogenesis, classification, symptomatology, diagnosis, conservative and surgical therapy, and the prophylaxis of individual diseases.

⇒ Ausführliche Angaben: HT020309955

**Herold, Eduard: Jean Paul im Spiegel seiner Heimat. Festgabe zum 100. Todestag des Dichters**
1924. 1 electronic resource (96 pages). ISBN 9783486750836
German.

⇒ Ausführliche Angaben: HT020310036

**Herrera-Melián, José / Méndez, José: Recent Advances in Water Management: Saving, Treatment and Reuse**
Eng. Inhaltliche Zusammenfassung: This book is a printed edition of the Special Issue Recent Advances in Water Management: Saving, Treatment and Reuse that was published in Water.

⇒ Ausführliche Angaben: HT020307448

**Hershock, Peter D.: Buddhism in the Public Sphere**
English. Inhaltliche Zusammenfassung: The core teachings and practices of Buddhism are systematically directed toward developing keen and caring insight into the relational or interdependent nature of all things. Hershock applies Buddhist thought to reflect on the challenges to public good, created by emerging social, economic, and political realities associated with increasingly complex global interdependence. In eight chapters, the key arenas for public policy are addressed: the environment, health, media, trade and development, the interplay of politics and religion, international relations, terror and security, and education. Each chapter explains how a specific issue area has come to be shaped by complex interdependence and offers specific insights into directing the growing interdependence toward greater equity, sustainability, and freedom. Thereby, a sustained meditation on the meaning and means of realizing public good is put forward, which results in a solid Buddhist conception of diversity. Hershock argues that concepts of Karma and emptiness are relevant across the full spectrum of policy domains and that Buddhist concepts become increasingly forceful as concerns shift from the local to the global. A remarkable book on this fascinating religion, Buddhism in the Public Sphere will be of interest to scholars and students in Buddhist studies and Asian religion in general.

⇒ Ausführliche Angaben: HT020310298
Hess, Scott: Authoring the Self
English. Inhaltliche Zusammenfassung: Drawing upon historicist and cultural studies approaches to literature, this book argues that the Romantic construction of the self emerged out of the growth of commercial print culture and the expansion and fragmentation of the reading public beginning in eighteenth-century Britain. Arguing for continuity between eighteenth-century literature and the rise of Romanticism, this groundbreaking book traces the influence of new print market conditions on the development of the Romantic poetic self.
⇒ Ausführliche Angaben: HT020310304

Hessami, Ali G.: Perspectives on Risk, Assessment and Management Paradigms
English. Inhaltliche Zusammenfassung: This book explores various paradigms of risk, domain-specific interpretation, and application requirements and practices driven by mission and safety critical to business and service entities. The chapters fall into four categories to guide the readers with a specific focus on gaining insight into discipline-specific case studies and state of practice. In an increasingly intertwined global community, understanding, evaluating, and addressing risks and rewards will pave the way for a more transparent and objective approach to benefiting from the promises of advanced technologies while maintaining awareness and control over hazards and risks. This book is conceived to inform decision-makers and practitioners of best practices across many disciplines and sectors while encouraging innovation towards a holistic approach to risk in their areas of professional practice.
⇒ Ausführliche Angaben: HT020309348

Hessami, Ali: Modern Railway Engineering
English. Inhaltliche Zusammenfassung: Since the advent of steam engines and higher throughput railways during the early nineteenth century, the rate of development has been rather steady and incremental. The development of advanced electronic control and command systems, increasing levels of automation, and electrified high-speed railways over the past few decades have transformed the rail transportation posing it as a competitor to aviation. Modern railways are no longer the sole forte of civil and mechanical engineering and involve a broad multidisciplinary engineering disciplines from advanced computing, telecommunications, and networking to big data analytics and even AI. This volume addresses the diverse, evolving, and advanced engineering disciplines including enabling practices and processes involved in shaping modern railways.
⇒ Ausführliche Angaben: HT020309348

Hessling, Jan Peter: Uncertainty Quantification and Model Calibration
English. Inhaltliche Zusammenfassung: Uncertainty quantification may appear daunting for practitioners due to its inherent complexity but can be intriguing and rewarding for anyone with mathematical ambitions and genuine concern for modeling quality. Uncertainty quantification is what remains to be done when too much credibility has been invested in deterministic analyses and unwarranted assumptions. Model calibration describes the inverse operation targeting optimal prediction and refers to inference of best uncertain model estimates from experimental calibration data. The limited applicability of most state-of-the-art approaches to many of the large and complex calculations made today makes uncertainty quantification and model calibration major topics open for debate, with rapidly growing interest from both science and technology, addressing subtle questions such as credible predictions of climate heating.
⇒ Ausführliche Angaben: HT020308324

Heston, Thomas F.: eHealth - Making Health Care Smarter
English. Inhaltliche Zusammenfassung: eHealth has revolutionized health care and the practice of medicine. Internet technologies have given the most rural communities access to healthcare services, and automated computer algorithms are improving medical diagnoses and speeding up the delivery of care. Handheld apps, wearable devices, and artificial intelligence lead the way, creating a global healthcare solution that is smarter and more accessible. Read what leaders in the field are doing to advance the use of electronic technology to improve global health.

⇒ Ausführliche Angaben: HT020308888

Heston, Thomas F.: Telehealth
English. Inhaltliche Zusammenfassung: The practice of telemedicine enables the remote practice of medicine across a wide spectrum of medical specialties, from radiology to psychiatry and intensive care. Progressing from the telegraph to telephone, to video and to remote-sensing devices, telemedicine now brings specialty medical care to all regions of the global community. Telemedicine research now includes investigation into optimal data transmission and legislative issues, in addition to the development of improved medical devices. This collection of the latest thinking by experts in the telemedicine field will help readers stay abreast of the latest developments in this important field of medicine.

⇒ Ausführliche Angaben: HT020309267

Hewison, Kevin / Young, Ken: Transnational Migration and Work in Asia
English. Inhaltliche Zusammenfassung: Focusing on the issues associated with migrating for work both in and from the Asian region, this book sheds light on the debate over migration and trafficking. With contributions from an international team of well-known scholars, the book sets labour migration firmly within the context of globalization, providing a focused, contemporary discussion of what is undoubtedly a major twenty-first century concern. Transnational Migration and Work in Asia analyzes workers motivations and rationalities, highlighting the similarities of migration experiences throughout Asia. Presenting in-depth case studies of the real-life experiences and problems faced by migrant workers, the book discusses migrants’ relations with the state and their vulnerability to exploitation, as well as the major policy issues now facing governments, employers, NGOs and international agencies.

⇒ Ausführliche Angaben: HT020310073

Heyde, Johann: Die grenzüberschreitende Lizenzierung von Online-Musikrechten in Europa

⇒ Ausführliche Angaben: HT020307581

Hidalgo, Santiago / Gaudreault, André: Technology and Film Scholarship: Experience, Study, Theory
This volume brings together a wide range of explorations of the ways in which technological innovations have established new and changing conditions for the experience and study of film. The book offers analyses by such leading figures in film studies as Tom Gunning and Charles Musser, who examine the ways in which technological changes have altered the ways how cinema is conceived and how it is approached as an object of study. Contributors also look at the overlapping stages through which new experience is translated in institutionalized knowledge within the discipline.

⇒ Ausführliche Angaben: HT020309818

English. Inhaltliche Zusammenfassung: This volume is the first in-depth study of a recently discovered Sanskrit dharani spell text from around the 5th century CE surviving in two palm-leaf and three paper manuscript compendia from Nepal. This rare Buddhist scripture focuses on the ritual practice of thaumaturgic weather control for successful agriculture through overpowering mythical Nagas. Traditionally, these serpentine beings are held responsible for the amount of rainfall. The six chapters of the Vajratundasamayakalparaja present the vidyadhara spell-master as a ritualist who uses mandalas, mudras and other techniques to gain mastery over the Nagas and thus control the rains. By subjugating the Nagas, favourable weather and good crops are guaranteed. This links this incantation tradition to economic power and the securing of worldly support for the Buddhist community.

⇒ Ausführliche Angaben: HT020309957

Higgins, Steve / Packard, Nick: Meeting the Standards in Primary ICT
English. Inhaltliche Zusammenfassung: This practical guide to using ICT in the primary classroom addresses all the concerns of student teachers and provides plenty of ideas and advice on how to incorporate ICT into classroom practice on a daily basis. The authors bring together theory and practice to help prospective and new teachers acquire and develop the skills required for using ICT effectively. Meeting the Standards in Primary ICT is split into three sections which will: help assess the readers ICT skills, knowledge and understanding discuss ways of incorporating ICT for teaching across the primary curriculum help the reader to think about ICT and their own professional learning and development. This book will be an invaluable resource for all student teachers on primary training courses, lecturers and mentors supporting trainees on these courses and newly qualified teachers (NQTs).

⇒ Ausführliche Angaben: HT020310193

Hilfiker, Franziska: Sea Spots
German. Inhaltliche Zusammenfassung: In der Zeit um 1600 unternahmen die aufsteigenden Seemächte England und Niederlande Expeditionen in ferne Gewässer der Arktis und der Südsee oder versuchten, die Welt via Magellanstrasse zu umsegeln. Meer und Schiff wurden dabei zu Kontaktzonen wie auch zu Orten der Imagination und der Wissensproduktion. Die Explorationsfahrten der europäischen Seemächte um 1600 brachten eine Fülle an Texten, Bildern und kartografischen Werken hervor, in welchen Erlebnis und Wahrnehmung der besegelten Gebieten sowie Vorstellungen darüber verarbeitet wurden. In ihrem Buch stellt die Autorin die These auf, dass dabei nicht nur terrestrische und insulare Zielpunkte der Reisen festgehalten und verzeichnet wurden, sondern insbesondere auch neue maritime Räume mit ihren ihnen je eigenen Qualitäten Aufnahme in den Imaginationsschatz und das zeitgenössische Wissenskorpus fanden.

⇒ Ausführliche Angaben: HT020307616

Himmelstern, Alex: Eine angebliche und eine wirkliche Chronik von Orvieto
German.
⇒ Ausführliche Angaben: HT020309941

Hinkelthein, Edgar / Weitendorff, Arndt: Biomechanik in Osteopathischer und Manueller Medizin
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 610DNB 610DNB
⇒ DDC (Dewey Decimal Classification):
  - 61023sdbn 61023sdbn
⇒ Ausführliche Angaben: HT020260461

Hinnells, John / Malik, Jamal: Sufism in the West
English. Inhaltliche Zusammenfassung: With the increasing Muslim diaspora in post-modern Western societies, Sufism - intellectually as well as sociologically - may eventually become Islam itself due to its versatile potential. Although Sufism has always provoked considerable interest in the West, no volume has so far been written which discusses this aspect of Islam in terms of how it is practised in Western societies. Bringing together leading international authorities to survey the history of Islamic mysticism in North America and Europe, this book elaborates the ideas and institutions which organize Sufism and folk-religious practices. The chapters cover: the orders and movements their social base organization and institutionalization recruitment-patterns in new environments channels of disseminating ideas, such as ritual, charisma, and organization reasons for their popularity among certain social groups the nature of their affiliation with the countries of their origin. Providing a fascinating insight into how Sufism operates within different spheres of society, Sufism in the West is essential reading for students and academics with research interests in Islam, Islamic history and social anthropology.
⇒ Ausführliche Angaben: HT020310129

Hinojosa, Eduardo de: El elemento germánico en el Derecho español
spa. Inhaltliche Zusammenfassung: El libro recoge la ponencia presentada por Hinojosa en el III Congrès international des sciences historiques celebrado en Berlin, en agosto de 1908. En ella, el autor llama la atención sobre “el interés que ofrece el estudio de las fuentes del derecho medieval español para las investigaciones de historia general del derecho germánico”. Redactada originalmente en francés, fue traducida primero al alemán (1910) y después al castellano (1915), puede considerarse el testamento intelectual de Eduardo de Hinojosa (1852-1919).
⇒ Ausführliche Angaben: HT020309839

Hirasawa, Kazuhiro / Yeap, Kim Ho: Electromagnetic Fields and Waves
English. Inhaltliche Zusammenfassung: In this book, a variety of topics related to electromagnetic fields and waves are extensively discussed. The topics encompass the physics of electromagnetic waves, their interactions with different kinds of media, and their applications and effects.
⇒ Ausführliche Angaben: HT020309381

Hirschler, Konrad: Medieval Arabic Historiography
307


English. Inhaltliche Zusammenfassung: Medieval Arabic Historiography is concerned with social contexts and narrative structures of pre-modern Islamic historiography written in Arabic in seventh and thirteenth-century Syria and Egypt. Taking up recent theoretical reflections on historical writing in the European Middle Ages, this extraordinary study combines approaches drawn from social sciences and literary studies, with a particular focus on two well-known texts: Abu Shama's The Book of the Two Gardens, and Ibn Wasil's The Dissipater of Anxieties. These texts describe events during the life of the sultans Nur-al-Din and Salah al-Din, who are primarily known in modern times as the champions of the anti-Crusade movement. Hirschler shows that these two authors were active interpreters of their society and has considerable room for manoeuvre in both their social environment and the shaping of their texts. Through the use of a fresh and original theoretical approach to pre-modern Arabic historiography, Hirschler presents a new understanding of these texts which have before been relatively neglected, thus providing a significant contribution to the burgeoning field of historiographical studies.

⇒ Ausführliche Angaben: HT020310194

History of warfare
Leiden [u.a.]: Köln: Brill,
⇒ Schriftenreihe (Serie)
⇒ ISSN: 0928-0731 - 1385-7827
⇒ Ausführliche Angaben: HT007959368

Hmood, Kabila: Urban and Architectural Heritage Conservation within Sustainability

English. Inhaltliche Zusammenfassung: Urban and Architectural Heritage within Sustainability is interested in the cities of the future, which must tie together the past, present, and future through an advanced connective chain that meets all humans requirements in any era. This book attempts to answer many questions, such as what is urban conservation? How do cities of historical depth deal with modern planning policies and our conservation policies, rehabilitation, restoration, and preservation of historical cities and heritage buildings? How can we explain sustainable heritage and sustainability? Comprised of four sections, this book includes six chapters by noted experts and researchers. Section 1 covers heritage conservation and rehabilitation of architectural and urban heritage. Section 2 investigates current retrofitting strategies and interventions in heritage buildings through the viewpoint of energy efficiency. Section 3 redefines what identity is and explores how new places and spaces offer an eyrie of cultural values. And Section 4 establishes heritage significant values and assesses sustainable heritage conservation options.

⇒ Ausführliche Angaben: HT020309433

Hoag, Jeffrey B.: Oncology Critical Care

English. Inhaltliche Zusammenfassung: According to the American Cancer Society, more than 1.6 million people will be diagnosed with cancer during this year. Outcomes have steadily risen over the last several decades with the advent of newer therapies. As outcomes have improved, more and more cancer patients are developing critical illness. In the not-too-distant past, patients with active malignancy were thought not appropriate for critical care services as decreased longevity related to the cancer suggested poor prognosis for intensive care utilization. More recently, evidence supports rapid activation of critical care services leading to improved outcomes in cancer patients. Moreover, just as sub-specialty critical care experience in trauma and neurosciences has proved beneficial, the emerging field of oncology critical care warrants specific attention.

⇒ Ausführliche Angaben: HT020308095
Hoang, Vu Dang: Advances in Titration Techniques
English. Inhaltsliche Zusammenfassung: In chemistry, titration (a.k.a. titrimetry) is a common laboratory technique used for the determination of the unknown concentration of an analyte. Because of its versatility, the application of various forms of titration can affect nearly all aspects of society. This book is specifically aimed at broadening and deepening the theory and applications of titration. It contains six chapters being organized into three main sections: Volumetric Titration, Isothermal Titration Calorimetry, and Titrimetric Principles in Electrolytic Systems. Each chapter has been well written by internationally renowned experts in the field of chemistry, with mathematical expressions and illustrative examples selectively and logically presented. It is highly recommended for postgraduate students and scientists alike.
⇒ Ausführliche Angaben: HT020308431

Hoang, Vu Dang: Chemometrics and Data Analysis in Chromatography
English. Inhaltsliche Zusammenfassung: Chromatography approaches are widely used in various life science applications. Since its invention by the Russian botanist Mikhail S. Tsvet in 1901, chromatography has increasingly developed into an invaluable laboratory tool for the separation and identification of chemical components. It outperforms older techniques (such as crystallization, solvent extraction, and distillation) by offering unequaled resolving power and the possibility of lowering detection limits to below nanogram levels. To further improve chromatographic methods, however, the use of chemometrics is advisable as an economical alternative to resolve any problematic situations in analysis. This book intends to provide the readers with an up-to-date application of chemometrics and data analysis to different types of chromatographic methods.
⇒ Ausführliche Angaben: HT020309305

Hoch, Constantin: Compounds with Polar Metallic Bonding
eng. Inhaltsliche Zusammenfassung: The Special Edition Compounds with Polar Metallic Bonding is a collection of eight original research reports presenting a broad variety of chemical systems, analytical methods, preparative pathways and theoretical descriptions of bonding situations, with the common aim of understanding the complex interplay of conduction electrons in intermetallic compounds that possess different types of dipoles. Coulombic dipoles introduced by electronegativity differences, electric or magnetic dipoles, polarity induced by symmetry reduction—all the possible facets of the term polarity—can be observed in polar intermetallic phases and have their own and, in most cases, unique consequences on the physical and chemical behaviour. Elucidation of the structure-property relationships in compounds with polar metallic bonding is a modern and growing scientific field which combines solid state physics, preparative chemistry, metallurgy, modern analytic methods, crystallography, theoretical calculations of the electronic state and many more disciplines.
⇒ Ausführliche Angaben: HT020307379

Hödl, Klaus: Entangled Entertainers
English. Inhaltsliche Zusammenfassung: With a particular focus on vaudeville singers and artists, this book examines the role that Viennese Jews played in the city’s rich popular culture around 1900. Through a series of extensively researched case studies, it shows that notwithstanding the real phenomenon of antisemitism in Viennese culture—there was substantial and diverse cooperation between Jews and Gentiles, and that their private relations were also very close. The many and diverse contacts and linkages between these two populations in popular culture powerfully shaped both the experience and the popular understanding of Jewish identity.
⇒ Ausführliche Angaben: HT020307579

Höfler, Heike: Das gesunde Knie
Übungen zu Schmerzprävention und Heilung / Heike Höfler. 5., ergänzte Auflage 2020.
Hoek, Marga: The Trillion Dollar Shift
English. Inhaltliche Zusammenfassung: Winner of the Gold Axiom Business Book Award 2019 in the Philanthropy / Non Profit / Sustainability category. Over the past 30 years, the world has seen great social improvements. Technology has been developing at an enormous pace and is helping to solve our most pressing social and environmental challenges. Yet, despite this success, our current model of development is still deeply problematic. Natural disasters triggered by climate change have doubled since the 1980s, violence and armed conflict now cost more than 13 percent of GDP, social inequality and youth unemployment is worsening around the world, and climate change threatens the global population with tremendous environmental as well as social problems. Using the United Nations Sustainable Development Goals as a framework, this book sets out how business and capital now have a real opportunity to help resolve these problems. With clear and plentiful examples and cases of how businesses are making a difference, relevant facts and figures to support the cases, and inspiring and instructional information on how businesses can create sustainable value, this highly readable book is a must-read for businesses (large and small) that wish to genuinely support the delivery of the SDGs. The Paris Climate Agreement and the Sustainable Development Goals (SDGs) drive change and offer a narrative and an opportunity to all to speak in one language on sustainability. They provide us with a clear set of targets for 2030. Through following the SDGs, opportunities abound for business and capital to unlock markets which offer endless potential for profit while at the same time working towards the Sustainable Development Goals. This book illustrates for business how to make the much-needed Trillion Dollar Shift.
⇒ Ausführliche Angaben: HT020310084

Hötzsch, Otto: Russland. Eine Einführung auf Grund seiner Geschichte von 1904-1912
German.
⇒ Ausführliche Angaben: HT020309916

Hoffmann, Paolo Saona: Firm Value - Theory and Empirical Evidence
English. Inhaltliche Zusammenfassung: This edited volume aims to discuss the most contemporary state of the determinants of the firm value. This book presents theoretical works as well as empirical studies that contrast the arguments offered by the leading, ground-breaking theories on the firm value. What variables determine the firm value? Are these determinants controllable or uncontrollable by the managers of the companies? Is the impact of corporate governance systems on the firm value symmetrical between different institutional contexts? Do the financial reports affect the value of the firm? What role does corporate social responsibility play as a determinant of the firm value? These and other questions are analyzed and scrutinized step by step throughout this book.
⇒ Ausführliche Angaben: HT020308900

Hofmann, Hasso: Gebot, Vertrag, Sitte

Der Autor ist Professor für Öffentliches Recht, Rechts- und Staatsphilosophie an der Humboldt-Universität zu Berlin.

⇒ Ausführliche Angaben: HT020307488

Hofmeester, Karin / Linden, Marcel van der: Handbook Global History of Work
English. Inhaltliche Zusammenfassung: What is the day-to-day reality for workers in various parts of the world, and how was it in the past? How do they work today, and how did they work in the past? Did workers ever protest? If so, how? These and many other questions comprise the field of the global history of work - a young discipline that is introduced with this handbook.

⇒ Ausführliche Angaben: HT020309926

Hofstetter, Alexander: Marcel Hirscher
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 796DNB 796DNB
⇒ DDC (Dewey Decimal Classification):
  - 79623sdb 79623sdb
⇒ Ausführliche Angaben: HT020312171

Hogenboom, Barbara / Fernández Jilberto, Alex E. / Demmers, Jolle: Good Governance in the Era of Global Neoliberalism
English. Inhaltliche Zusammenfassung: This new collection critically examines the new global policy of good governance. This catchphrase of aid policy and development thinking has been the subject of too little analysis to date. This book redresses the balance. It places the prefix good, and exactly what that means, under the microscope and examines the impact of neoliberal governance in a wide range of countries and territories, including Chile, Russia, Argentina and Indonesia.

⇒ Ausführliche Angaben: HT020310238

Hoisington, William A.: The Assassination of Jacques Lemaigre Dubreuil
English. Inhaltliche Zusammenfassung: This is a political biography of the French industrialist and political activist Jacques Lemaigre Dubreuil (1894-1955), president of the Taxpayers Federation in the 1930s, entrepreneur in wartime France and Africa, organizer of the Group of Five in Algiers which prepared for the Allied landings in North Africa (November 1942), inventor of General Henri Giraud as a candidate for the leadership of liberated North and West Africa, negotiator of the Murphy-Giraud Agreements and the Anfa Memorandum with President Roosevelt (1942 and 1943), political writer on the postwar future of France in Morocco.
and the owner of the liberal newspaper Maroc-Presse. He was assassinated in Casablanca by French counter-terrorists in June 1955, a turning point event which pushed the French government to grant independence to Morocco. Was he a rabble-rouser, a demagogue, a betrayer of French interests at home and overseas or a reformer, a patriot, a hero of the anti-German resistance, and a champion of Franco-Moroccan solidarity?

⇒ Ausführliche Angaben: HT020310116

Hokimoto, Tsukasa: Advances in Statistical Methodologies and Their Application to Real Problems
English. Inhaltsliche Zusammenfassung: In recent years, statistical techniques and methods for data analysis have advanced significantly in a wide range of research areas. These developments enable researchers to analyze increasingly large datasets with more flexibility and also more accurately estimate and evaluate the phenomena they study. We recognize the value of recent advances in data analysis techniques in many different research fields. However, we also note that awareness of these different statistical and probabilistic approaches may vary, owing to differences in the datasets typical of different research fields. This book provides a cross-disciplinary forum for exploring the variety of new data analysis techniques emerging from different fields.

⇒ Ausführliche Angaben: HT020308233

Holdaway, Simon / Rock, Paul: Thinking About Criminology

⇒ Ausführliche Angaben: HT020310081

Hollander, Samuel: Jean-Baptiste Say and the Classical Canon in Economics
English. Inhaltsliche Zusammenfassung: This book explores the perceived paradigmatic conflict within British classical economics between the so called Ricardo School and the contemporary French Economics of Jean-Baptiste Say. Samuel Hollander provides the reader with extensive evidence, utilizing all editions of Say's main texts and his lesser-known writings in order to demonstrate his adherence to much of Ricardian theory. This intriguing book focuses on selected doctrinal issues and surrounding debates, and will interest all serious historians of economic thought, finding a place on the bookshelves of many economists across the world.

⇒ Ausführliche Angaben: HT020310212

Holzmüller, Gustav: Die Untersuchung und Konstruktion schwieriger Raumgebilde
1902. 1 electronic resource (345 pages). ISBN 9783111422367
German.

⇒ Ausführliche Angaben: HT020309999

Hondros, Konstantin / Peres da Silva, Glaucia: Music Practices Across Borders
Musikgeschichtsschreibung in Zeiten der Digital Humanities - und über die Rolle des eigenen ästhetischen Erlebens dabei.
⇒ Ausführliche Angaben: HT020307361

**Hong, Hao / Cai, Weibo: Protein-Protein Interactions - Computational and Experimental Tools**
English. Inhaltsübersicht: Proteins are indispensable players in virtually all biological events. The functions of proteins are coordinated through intricate regulatory networks of transient protein-protein interactions (PPIs). To predict and/or study PPIs, a wide variety of techniques have been developed over the last several decades. Many in vitro and in vivo assays have been implemented to explore the mechanism of these ubiquitous interactions. However, despite significant advances in these experimental approaches, many limitations exist such as false-positives/false-negatives, difficulty in obtaining crystal structures of proteins, challenges in the detection of transient PPI, among others. To overcome these limitations, many computational approaches have been developed which are becoming increasingly widely used to facilitate the investigation of PPIs. This book has gathered an ensemble of experts in the field, in 22 chapters, which have been broadly categorized into Computational Approaches, Experimental Approaches, and Others.
⇒ Ausführliche Angaben: HT020307895

**Honoki, Kanya / Weiss, Kurt Richard: Osteosarcoma - Biology, Behavior and Mechanisms**
2017. 1 electronic resource (254 pages). ISBN 9789535130956, ISBN 9789535130963 English. Inhaltsübersicht: Osteosarcoma is the most common malignant bone tumor and mainly affects children, adolescents, and young adults. Osteosarcoma shows significant genetic instability, resulting in very complex biology with multifaceted cellular and molecular mechanisms and behavior. Although clinical outcomes, both prognostic and functional, of osteosarcoma dramatically improved in the 1980s, the prognoses of the patients with relapsed and/or metastatic disease remained very poor in spite of our continuous efforts to overcome this difficulty. This book aims to delve into the current advances of basic and clinical sciences in osteosarcoma that are guiding the future directions of its research and clinical practice. The knowledge presented here will lead to further inspiration, ideas, and novel insights into the field of osteosarcoma research. Hopefully, this work will foster improvement of the prognosis for patients suffering from the disease.
⇒ Ausführliche Angaben: HT020308227

**Hook, Glenn D.: Contested Governance in Japan**
2005. 1 electronic resource ( pages). ISBN 9780203015384, ISBN 9780415364195, ISBN 9780415364980, ISBN 9781134217748, ISBN 9781134217731, ISBN 9781134217694 English. Inhaltsübersicht: Contested Governance in Japan extends the analysis of governance in contemporary Japan by exploring both the sites and issues of governance above and below the state as well as within it. This volume discusses the contested nature of governance in Japan and the ways in which a range of actors are involved in different sites and issues of governance at home, in the region and the globe. It includes chapters on global governance, local policy-making, democracy, environmental governance, the Japanese financial system, corruption, the family and corporate governance.
⇒ Ausführliche Angaben: HT020310278

**Hornbeck, Bernhard: Algebra**
⇒ Ausführliche Angaben: HT020309984

**Hoss, Eugenio: Deceptive Conducts before the Patent Office**
few issues still distinguish the US patent system as much as its strict-and often criticized-duty of candor and its inequitable conduct doctrine. The EPO and most other countries around the world impose less burdensome disclosure duties upon patent applicants. What is there to learn from the experience in the US? Have these tools resulted in any benefit worth considering? Yet regardless of the disclosure duties imposed upon patent applicants, a deceptive conduct before the Patent Office could lead to unwarranted exclusive rights and have a negative impact on competition. Should antitrust law intervene? Is it a case of sham litigation? This work attempts to answer those questions through a comparative analysis, examining the law and case law in the US and in the EU from both a patent and a competition law perspective and seeking a workable theory of harm.

⇒ Ausführliche Angaben: HT020309842

Hosseini, Seyyed Abed: Cognitive and Computational Neuroscience - Principles, Algorithms and Applications
English. Inhaltliche Zusammenfassung: The book Cognitive and Computational Neuroscience - Principles, Algorithms and Applications will answer the following question and statements: System-level neural modeling: what and why? We know a lot about the brain! Need to integrate data: molecular/cellular/system levels. Complexity: need to abstract away higher-order principles. Models are tools to develop explicit theories, constrained by multiple levels (neural and behavioral). Key: models (should) make novel testable predictions on both neural and behavioral levels. Models are useful tools for guiding experiments. The hope is that the information provided in this book will trigger new researches that will help to connect basic neuroscience to clinical medicine.

⇒ Ausführliche Angaben: HT020309657

Hosseini, Seyyed Abed: Emotion and Attention Recognition Based on Biological Signals and Images
English. Inhaltliche Zusammenfassung: Emotion, stress, and attention recognition are the most important aspects in neuropsychology, cognitive science, neuroscience, and engineering. Biological signals and images processing such as galvanic skin response (GSR), electrocardiography (ECG), heart rate variability (HRV), electromyography (EMG), electroencephalography (EEG), event-related potentials (ERP), eye tracking, functional near-infrared spectroscopy (fNIRS), and functional magnetic resonance imaging (fMRI) have a great help in understanding the mentioned cognitive processes. Emotion, stress, and attention recognition systems based on different soft computing approaches have many engineering and medical applications. The book Emotion and Attention Recognition Based on Biological Signals and Images attempts to introduce the different soft computing approaches and technologies for recognition of emotion, stress, and attention, from a historical development, focusing particularly on the recent development of the field and its specialization within neuropsychology, cognitive science, neuroscience, and engineering. The basic idea is to present a common framework for the neuroscientists from diverse backgrounds in the cognitive neuroscience to illustrate their theoretical and applied research findings in emotion, stress, and attention.

⇒ Ausführliche Angaben: HT020308145

Houben, Andreas / Jones, Neil / Martins, Cesar: Evolution, Composition and Regulation of Supernumerary B Chromosomes
Eng. Inhaltliche Zusammenfassung: Supernumerary B chromosomes (Bs) are dispensable genetic elements found in thousands of species of plants and animals, and some fungi. Since their discovery more than a century ago, they have been a source of puzzlement, as they only occur in some members of a population and are absent from others. When they do occur, they are often harmful, and in the absence of “selfishness”, based on mechanisms of mitotic and meiotic drive, there appears to be no obvious reason for their existence. Cytogeneticists have long wrestled with questions about the biological existence of these enigmatic elements, including their lack of any adaptive properties, apparent absence of functional genes, their origin,
sequence organization, and co-evolution as nuclear parasites. Emerging new technologies are now enabling researchers to step up a gear, to look enthusiastically beyond the previous limits of the horizon, and to uncover the secrets of these “silent” chromosomes. This book provides a comprehensive guide to theoretical advancements in the field of B chromosome research in both animal and plant systems.

⇒ Ausführliche Angaben: HT020307443

**Houllier, François / Barthélémy, Daniel / Jaeger, Marc: Architecture et croissance des plantes**
French. Inhaltliche Zusammenfassung: This book, in epub format, is the result of 40 years of research on modeling the development and growth of plants. The authors reveal, step by step, the process leading up to the creation of the GreenLab model and the conditions under which it can now be applied.

⇒ Ausführliche Angaben: HT020307520

**Hsieh, Chia-Chien / Hernandez-Ledesma, Blanca: Bioactive Food Peptides in Health and Disease**
English. Inhaltliche Zusammenfassung: Bioactive Food Peptides in Health and Disease highlights recent developments on bioactive food peptides for the promotion of human health and the prevention/management of chronic diseases. The book provides a comprehensive revision of bioactive peptides obtained from both animal and plant food sources. Aspects related to their bioactivity, mechanism of action, and bioavailability are extensively described along the different chapters. Also, the chapters describe the impact of bioactive peptides on the physiological absorption, regulation and disease prevention. The book also covers the recent technological advances for the production of food peptides. Bioactive Food Peptides in Health and Disease provides updated and interesting information, being a good reference book for nutritional and food scientists, biochemists, industry producers, and consumers.

⇒ Ausführliche Angaben: HT020307947

**Hu, Angang: Economic and Social Transformation in China**
English. Inhaltliche Zusammenfassung: The Center for China Studies is among China’s most influential think-tanks, and its China Studies Reports are read at the highest levels of government. Now for the first time, the most important of these reports is collected in book form in Eng, providing a fascinating insight into the challenges and opportunities for Chinese development and the government’s thinking on economic and social issues. Including comparative studies with developed and developing nations, analysis of past economic performance and future trends, and effects of demographic shifts such as population ageing and urbanization, this book is an essential collection of research and includes notes made by central party leaders. Compiled by the founder of the Center for China Studies, one of the country’s leading economists, this book is key to understanding Chinese development and the likely future path of government policy.

⇒ Ausführliche Angaben: HT020310271

**Hu, Yihua / Cao, Wenping: Renewable Energy - Utilisation and System Integration**
English. Inhaltliche Zusammenfassung: The development of renewable energy technologies (such as wind, solar, and biomass) has accelerated the establishment of a low-carbon society. This book provides a glimpse of some recent advancements in modelling, control, electrical generators and power converters, and social and political aspects of utilising these renewable sources of energy. It is aimed to provide some latest references for the readers who are interested in research work, energy policies, and social dimensions of renewable energy.
Huang, Hu: Metallic Glasses - Properties and Processing
English. Inhaltliche Zusammenfassung: Metallic glasses are very promising engineering and functional materials due to their unique mechanical, chemical, and physical properties, attracting increasing attention from both scientific and industrial communities. However, their practical applications are greatly hindered due to three main problems: dimensional limit, poor tension plasticity, and difficulty in machining and shaping. Therefore, further investigation of these issues is urgently required. This book provides readers with recent achievements and developments in the properties and processing of metallic glasses, including mainly thermoplastic forming of metallic glasses (Chapter 2), atomic-level simulation of mechanical deformation of metallic glasses (Chapter 3), metallic glass matrix composites (Chapter 4), and tribo-electrochemical applications of metallic glasses (Chapters 5 and 6).

Huang, Wu-Jang: Engineering Applications of Biochar
English. Inhaltliche Zusammenfassung: This book has included the following major sections: Introduction, History of Biochar, Preparation of Biochar, and Applications of Biochar. The editor and authors hope that the development of biochar can cross its application field from agriculture into engineering.

Huat, Low Kin: Industrial Robotics: Programming, Simulation and Applications
2006. 1 electronic resource (702 pages). 3866112866
English. Inhaltliche Zusammenfassung: This book covers a wide range of topics relating to advanced industrial robotics, sensors and automation technologies. Although being highly technical and complex in nature, the papers presented in this book represent some of the latest cutting edge technologies and advancements in industrial robotics technology. This book covers topics such as networking, properties of manipulators, forward and inverse robot arm kinematics, motion path-planning, machine vision and many other practical topics too numerous to list here. The authors and editor of this book wish to inspire people, especially young ones, to get involved with robotic and mechatronic engineering technology and to develop new and exciting practical applications, perhaps using the ideas and concepts presented herein.

Hubbard, Lea / Mehan, Hugh / Datnow, Amanda: Extending Educational Reform
English. Inhaltliche Zusammenfassung: In an effort to improve student achievement, thousands of US schools have adopted school reform models devised externally by universities and other organizations. Such models have been successful in improving individual schools or groups of schools, but what happens when educational reform attempts to extend from one school to many? Through qualitative data from several studies, this book explores what happens when school reform goes to scale. Topics covered include: *why and how schools are adopting reforms *the influence of the local context and wider constraints on the implementation of reform *teachers and principals as change agents in schools *the evolution of reform design teams *the implementation, sustainability and expiration of reform, and its impact on educational change Each chapter concludes with guidelines for policy and practice. This book will be of interest to educational leaders and staff developers, educational researchers and policy makers, in the US and internationally.

Huber, Samuel: New Insights into Inflammatory Bowel Disease
English. Inhaltliche Zusammenfassung: The incidence of chronic inflammatory and autoimmune diseases is steadily increasing. Inflammatory bowel disease (IBD) is one example of a chronic inflammatory disease, which primarily affects the intestine but may also affect extraintestinal organs. The exact pathogenesis of IBD is currently unknown. However, it is clear that the pathogenesis is complex, involving barrier defects, changes in the intestinal microbiome, and chronic immune activation. This book aims to summarize basic aspects of these complex interactions between barrier function, microbiome, and the immune system. Of note, there is currently no cure for IBD. However, several therapies have evolved in the last years, which are overall able to-at least temporarily-suppress IBD. These therapies and the underlying mechanism are discussed.

⇒ Ausführliche Angaben: HT020308074

Huber, Wolfgang: Rechtfertigung und Recht

⇒ Ausführliche Angaben: HT020307472

Hubert, Bernard / Faure, Guy / Soulard, Christophe-Toussaint: Apprendre à innover dans un monde incertain
French. Inhaltliche Zusammenfassung: Urged on by new expectations of society, key rural players experiment with different agricultural and food systems, showing proof of creativity and stubbornness faced with the ever-dominant mass production. But what type of sustainable development are societies seeking? How do we choose the innovations to achieve it? What role can research and public policies play to support the emergence of these innovations?.

⇒ Ausführliche Angaben: HT020310357

Huebner, Kurt: The New Economy in Transatlantic Perspective
English. Inhaltliche Zusammenfassung: What's left from the new economy? This book takes an unfashionable perspective and shows that despite all the mistaken ideas and exaggerations, the technological changes of the 1990s still have important effects today. Economic history shows that technological revolutions tend to generate deep economic and social crises before a temporary state of equilibrium is reached. The established modes of accumulations and regimes of regulation of national capitalisms and international capitalism have been undermined by the collapse of the high tech asset bubble. Financial markets are still in disarray. What can be observed, however, is that national economies are better positioned to tackle the crisis than others. Why is this? This and other important questions are tackled by an international team of contributors including Daniele Archibugi, Harald Hagemann, Bruno Amable, Martin Heidenreich and David Gibbs. This volume should be of great interest to all those working at the intersection of international politics and economics.
Hueda, Maria Chavarri: Functional Food - Improve Health through Adequate Food
English. Inhaltsliche Zusammenfassung: In recent years, the concern of society about how food influences the health status of people has increased. Consumers are increasingly aware that food can prevent the development of certain diseases, so in recent years, the food industry is developing new, healthier products taking into account aspects such as trans fats, lower caloric intake, less salt, et cetera. However, there are bioactive compounds that can improve the beneficial effect of these foods and go beyond the nutritional value. This book provides information on impact of bioactive ingredients (vitamins, antioxidants, compounds of the pulses, et cetera) on nutrition through food, how functional foods can prevent disease, and tools to evaluate the effects of bioactive ingredients, functional foods, and diet.
⇒ Ausführliche Angaben: HT020308375

Huemer, Wolfgang: The Constitution of Consciousness
English. Inhaltsliche Zusammenfassung: Through the work of philosophers like Sellars, Davidson, and McDowell, the question of how the mind is related to the world has gained new importance in contemporary analytic philosophy. This book demonstrates that Husserls phenomenological analyses of the structure of consciousness can provide fruitful insights for developing an original approach to these questions.
⇒ Ausführliche Angaben: HT020310110

Hürlimann, Daniel (Hrsg.) / Hamann, Hanjo (Hrsg.): Open Access in der Rechtswissenschaft
DE. Inhaltsliche Zusammenfassung: Das vorliegende Sonderheft untersucht, welche Chancen der freie Zugang zu wissenschaftlichen Publikationen (“Open Access”) in der Rechtswissenschaft bietet und welchen Hindernissen er begegnet. Dabei kommt Wissenschaftsverlagen eine zentrale Rolle zu, ihre Perspektive wird daher zunächst ausgelotet. Dass Open Access sowohl mit als auch ohne klassische Verlage möglich ist, zeigen neun Erfahrungsberichte juristischer Open-Access-Periodika. Weitere Beiträge erörtern die Rolle der akademischen Infrastruktur, insbesondere Bibliotheken und Forschungsförderer. Abgerundet wird das Heft durch einen Stimmungsbericht aus der grenzüberschreitenden Tagung zum Thema im Oktober 2018 (www.jurOA.de). The present special edition investigates which opportunities open access to scientific publications offers to legal studies and which challenges it poses. Scientific publishers play an important role with regard to this issue; their perspective is therefore examined first. Nine reports from legal-scientific open access periodicals show that open access is possible with as well as without traditional publishers. Other contributions explain the role of academic infrastructure, especially of libraries and promoters of research. The publication is rounded off by an opinion analysis from a transnational conference on the subject which took place in October 2018 (www.jurOA.de).
⇒ Ausführliche Angaben: HT020309848

Huertas, Jose Ignacio: Montecarlo Simulation of Two Component Aerosol Processes
English. Inhaltsliche Zusammenfassung: Nanophase materials are single-phase or multiphase polycrystals, with dimensions of the order of 1-100 nm. As grain size decreases down to the nanometer-size range, nanophase metals generally get stronger and harder, while nanophase ceramics show ductility, even superplasticity, at lower temperatures than conventional brittle ceramics. This book describes a novel method for the production of high purity, unagglomerated nano-particulates of tungsten and tungsten titanium alloys by flame synthesis.
W-Ti nano-sized alloys have a combination of high strength (800-1000 MPa), high ductility (10-30%), good electrical and thermal conductivity, corrosion resistance, and excellent machinability. Current applications for W and W-Ti include radiation shields, lighting components, ignition electrode materials, catalysts in the chemical industry, alloying elements for high speed steels, sputter targets in VLSI chip technology, and sport related parts.

⇒ Ausführliche Angaben: HT020308009

**Hufnagel, Levente: Community and Global Ecology of Deserts**
English. Inhaltsliche Zusammenfassung: The aim and purpose of our book, Community and Global Ecology of Deserts, is to give an overview and report from the frontiers of desert ecological research. The ecology of deserts as a scientific discipline plays a key role in solving many of global problems due to collective adaptation methods and approaches of lifeforms living in extreme environments. If ecologists or environmental scientists are talking about desert ecological research, then almost everyone is thinking about specific desert flora, fauna, or desertification itself as a consequence of climate change, or sand dune-triggered disasters. In fact, the importance of ecological research in deserts is far more general and broader. We hope that our book will be interesting and useful for researchers, lecturers, students and anybody interested in this field.

⇒ Ausführliche Angaben: HT020309039

**Hufnagel, Levente: Ecosystem Services and Global Ecology**
English. Inhaltsliche Zusammenfassung: The aim of Ecosystem Services and Global Ecology is to give an overview and report from the frontiers of research of this important and interesting multidisciplinary area. Ecosystem services as a concept plays a key role in solving global environmental and human ecological crises and associated other problems, especially today when the sixth major extinction event of the history of the biosphere is in progress, and humanity can easily become a victim of it. Human activity is rapidly transforming the surface of the Earth, its biosphere, atmosphere, soil, and water resources. Ecological processes happen over a long time scale, thus damage caused by human activity will be perceptible after decades or even centuries. We hope that our book will be interesting and useful for researchers, lecturers, students, and anyone interested in this field.

⇒ Ausführliche Angaben: HT020308985

**Hufnagel, Levente: Pure and Applied Biogeography**
English. Inhaltsliche Zusammenfassung: This book, Pure and Applied Biogeography, gives a very interesting report and overview about the frontiers of such parts of recent biogeographical research, which plays important roles in solving our most pressing global problems (biodiversity crisis, climate change, water issues, and sustainable agriculture). Our book consists of three sections: Introduction, Pure Biogeography and Global Patterns and Applied Biogeography and Regional Issues. After the introductory chapter, which is about the main branches and aims of biogeography in service of solving global problems, - we can find three chapters as parts of the first section. First chapter in this section is in close relation with the origin of biodiversity and conservation. The second and third chapters are about the biogeographical aspects of climate change and biodiversity. In the second section of this book three applied biogeographical chapters can be found, which are related to agriculture, theoretical background of biological plant protection against herbivores, and regional patterns in ecological biogeography.

⇒ Ausführliche Angaben: HT020308549

**Hughes, Holly / Chaudhuri, Una: Animal Acts: Performing Species Today**
English. Inhaltsliche Zusammenfassung: Encounters between the species in an anthology of lively solo performances and commentary.
Hui, Chi Leung Patrick: Artificial Neural Networks - Application
English. Inhaltsliche Zusammenfassung: This book covers 27 articles in the applications of artificial neural networks (ANN) in various disciplines which includes business, chemical technology, computing, engineering, environmental science, science and nanotechnology. They modeled the ANN with verification in different areas. They demonstrated that the ANN is very useful model and the ANN could be applied in problem solving and machine learning. This book is suitable for all professionals and scientists in understanding how ANN is applied in various areas.

Humphries, David T.: Different Dispatches
English. Inhaltsliche Zusammenfassung: In Different Dispatches, David Humphries brings together in a new way a diverse group of well-known American writers of the inter-war period including: Willa Cather, Sherwood Anderson, Ernest Hemmingway, Zora Neale Hurston, James Agee and Robert Penn Warren. He demonstrates how these writers engage journalism in creating innovative texts that address mass culture as well as underlying cultural conditions. The book will be of interest to readers approaching these well-known authors for the first time or for scholars grappling with larger issues of cultural production and reception.

Hung, Ming-Chih: Applications of Spatial Statistics
English. Inhaltsliche Zusammenfassung: Spatial statistics has been widely used in many environmental studies. This book is a collection of recent studies on applying spatial statistics in subjects such as demography, transportation, precision agriculture and ecology. Different subjects require different aspects of spatial statistics. In addition to quantitative statements from statistics and tests, visualization in forms of maps, drawings, and images are provided to illustrate the relationship between data and locations. This book will be valuable to researchers who are interested in applying statistics to spatial data, as well as graduate students who know statistics and want to explore how it can be applied to spatial data. With the processing part being simplified to several mouse clicks by commercial software, one should pay more attention to justification of using spatial statistics, as well as interpretation and assessment of the results. GIScience proves to be a useful tool in visualization of spatial data, and such useful technology should be utilized, as part, for the interpretation and assessment of the results.

Hung, Ming-Chih / Wu, Yi-Hwa: Recent Advances and Applications in Remote Sensing
English. Inhaltsliche Zusammenfassung: Remote sensing was the primary data source since the launch of the first environmental monitoring satellite back in 1972. In the past five decades, remote sensing technology has come a long way and evolved into a mature science. Even so, new technologies, new theories, new methodologies, and new applications continue to emerge. With the rapid pace of technological advancement, it is essential to share experiences especially between different disciplines, either on breakthroughs in new theory or understanding, or applications of remote sensing on real world issues. Disciplines or fields covered in this book include geography, geology, agriculture, forestry, botany, and oceanography. Though remote sensing may be used differently in various disciplines, the principles are similar, if not the same. This book will be valuable to scientists, scholars, working professionals, or students who use remote sensing in their work, and are interested in learning how others use remote sensing in different ways.
Huri, Meral: Occupational Therapy - Occupation Focused Holistic Practice in Rehabilitation
English. Inhaltsliche Zusammenfassung: This new book presents the growing occupational therapy knowledge and clinical practice. Occupational therapy, as a health profession, is concerned with preserving well-being through occupations, and its main goal is to help people participate in the activities of daily living. This is achieved by working with people to improve their ability to engage in the occupations they want to engage in or by changing the occupation or the environment to better support their occupational engagement. The topic of the book has been structured on occupational therapy framework and reflects new research, techniques, and occupational therapy trends. This useful book will help students, occupational therapy educators, and professionals to connect occupational therapy theories and the evidence-based clinical practice.
→ Ausführliche Angaben: HT020308884

Huri, Meral: Occupational Therapy - Therapeutic and Creative Use of Activity
English. Inhaltsliche Zusammenfassung: Occupational therapy is a health care specialty with a deep focus on client-centered and holistic rehabilitation to improve the individuals occupational performance, quality of life and well-being through participation in meaningful and purposeful activities. This new book presents the importance of the therapeutic and creative use of activity in different populations, which is one of the core components of occupational therapy. Rehabilitation, rehabilitation delivery and outcomes are affected by recent changes in the meaning of health and social values. This resulted in an increasing necessity for therapeutic therapy, as well as creative use of activity in occupational therapy. This book focuses on recent advances in occupational therapy and reviews current practical guidelines. It introduces updated knowledge and skills for children, adults and the communities, including physical, mental, social, sensory, behavioral, environmental and community-based interventions to prevent, promote and improve activity use. The book will be relevant to occupational therapists, speech and language therapists, physical therapists, psychiatrists, psychologists, social workers and all the members of interdisciplinary rehabilitation team care workers.
→ Ausführliche Angaben: HT020308337

Hurley, Walter L.: Milk Protein
English. Inhaltsliche Zusammenfassung: This book provides insights into a wide range of topics related to milk protein. The chapters of this book will be of significant value to those interested in dairy foods, milk chemistry, cheese production, human health, neonatal development, lactation and mammary gland biology, and milk protein production. These chapters explore a range of topics related to milk protein, including: bioactivities of milk proteins and the peptides generated from those proteins; novel functions ascribed for some milk proteins; how processing of milk can impact milk proteins; allergies associated with consumption of milk; genetic variation of milk proteins; application of genomic technologies to explore expression of proteins during milk synthesis; and production of milk and milk protein as affected by environmental factors.
→ Ausführliche Angaben: HT020309114

English. Inhaltsliche Zusammenfassung: The Chinese Economic Transformation, the 19th volume in the China Update book series, provides an opportunity for young economists to share their views on various issues relating to the Chinese economic transformation. More than half of the contributors to this book are female scholars. Some of the contributors are rising
stars in the studies of the Chinese economy and economic transition, and some only recently received their PhDs and are on their way to establishing themselves in the field of China studies.

⇒ Ausführliche Angaben: HT020307514

Hurtado, Efren Gorrostieta: Applications of Mobile Robots
English. Inhaltsliche Zusammenfassung: This book includes a selection of research work in the mobile robotics area, where several interesting topics are presented. In this way we find a review of multi-agents, different techniques applied to the navigation systems, artificial intelligence algorithms, which include deep learning applications, systems where a Kalman filter estimator is extended for visual odometry, and finally the design of an on-chip system for the execution of cognitive agents. Additionally, the development of different ideas in mobile robot applications are included and hopefully will be useful and enriching for readers.

⇒ Ausführliche Angaben: HT020309299

Hurtado, Efren Gorrostieta: Kinematics
English. Inhaltsliche Zusammenfassung: The present work contains a selection of research that is focused on the development of the kinematics; in this way, we can find the evolution of the kinematics in recent years, like applications in navigation systems, parallel robots, manipulators, and mobile robots. This work also includes new methods for the analysis in different applications, which are important in the proposal of new paradigms. Modeling is presented in applications oriented to a better understanding of biosystems; on the other hand, we also have applications of intelligent systems that enrich and complement the analysis of movement and position. Definitely, we hope that the present research work enriches and contributes with ideas and elements of interest for each of our readers.

⇒ Ausführliche Angaben: HT020308527

Hurtado, Efren Gorrostieta: Robot Control
English. Inhaltsliche Zusammenfassung: This book includes a selection of research papers in robot control applications. The description of projects using robotic systems in areas such as vision, navigation, path planning, trajectories, non-holonomic systems, mobile robotics, robot control with very specific structures, as well as artificial intelligence systems is pointed out. It also presents several tools and mathematical concepts that allow the development and operation of robotic systems. Additionally, the development of different ideas in control systems that are useful and hopefully enriching for the reader are also presented in this book.

⇒ Ausführliche Angaben: HT020308054

Hussmann, Stephan: Automation in Agriculture - Securing Food Supplies for Future Generations
English. Inhaltsliche Zusammenfassung: According to Prof. D. Despommier, by the year 2050, nearly 80% of the earth’s population will reside in urban centers. Furthermore, the human population will increase by about 3 billion people during the interim. New land will be needed to grow enough food to feed them. At present, throughout the world, over 80% of the land that is suitable for raising crops is in use. What can be done to avoid this impending disaster? One possible solution is indoor farming. However, not all crops can easily be moved in an indoor environment. Nevertheless, to secure the food supply, it is necessary to increase the automation level in agriculture significantly. This book intends to provide the reader with a comprehensive overview of the impact of the Fourth Industrial Revolution and automation examples in agriculture.

⇒ Ausführliche Angaben: HT020308609
Hutton, Margaret Anne: Testimony from the Nazi Camps
English. Inhaltliche Zusammenfassung: This interdisciplinary study integrates historiographical, literary and cultural methodologies in its focus on a little known corpus of testimonial accounts published by French women deported to Nazi camps. Comprising epistemological and literary analyses of the accounts and an examination of the construction of deportee identities, it will interest those working in the fields of modern French literature, genre, women studies and the Holocaust.
⇒ Ausführliche Angaben: HT020310118

Huyghe, Christian / Schneider, Anne: Les légumineuses pour des systèmes agricoles et alimentaires durables
French. Inhaltliche Zusammenfassung: What do we know about inputs and potential of legumes in terms of the sustainability of agricultural and food systems? How can they be used to reduce the damage and maximise the benefits for the environment, agriculture and man? This reference work fuels the reflection on protein sources, nitrogen management in France and the relationship between legumes and sustainability.
⇒ Ausführliche Angaben: HT020307526

Hwang, Soonil: Metaphor and Literalism in Buddhism
English. Inhaltliche Zusammenfassung: Soonil Hwang studies the doctrinal development of nirvana in the Pali Nikaaaya and subsequent tradition and compares it with the Chinese aagama and its traditional interpretation. He clarifies early doctrinal developments of Nirvana and traces the word and related terms back to their original metaphorical contexts, elucidating diverse interpretations and doctrinal and philosophical developments in the abhidharma exegeses and treatises of Southern and Northern Buddhist schools. The book finally examines which school, if any, kept the original meaning and reference of Nirvana.
⇒ Ausführliche Angaben: HT020310189

Hwang, Tsong-Long / Sung, Ping-Jyun / Liaw, Chih-Chuang: Development and Application of Herbal Medicine from Marine Origin
eng. Inhaltliche Zusammenfassung: Marine herbal medicine generally refers to the use of marine plants as original materials to develop crude drugs, or for other medical purposes. The term ‘marine plants’ usually denotes macroalgae grown between intertidal and subintertidal zones, including Chlorophyta, Phaeophyta, and Rhodophyta. Considerable progress has been made in the field of biomedical research into marine microalgae and microorganisms in the past decade. As the most important source of fundamental products in the world, marine plants have a very important role in biomedical research. Furthermore, worldwide studies have consistently demonstrated that many crude drugs derived from marine plants contain novel ingredients that may benefit health or can be used in the treatment of diseases; some have been developed into health foods, and some even into drugs. It is expected that there are many substances of marine plant origin that will have medical applications in terms of improving human health and are awaiting discovery.<false,>In this Special Issue, entitled “Development and Application of Herbal Medicine of Marine Origin”, we will provide a platform for researchers to publish biomedical studies on substances of marine plant origin. We welcome submissions from scientists and academics from across the world.
⇒ Ausführliche Angaben: HT020307389

Hwang, Wen-Jyi: Recent Progress in Parallel and Distributed Computing
English. Inhaltliche Zusammenfassung: Parallel and distributed computing has been one of
the most active areas of research in recent years. The techniques involved have found significant applications in areas as diverse as engineering, management, natural sciences, and social sciences. This book reports state-of-the-art topics and advances in this emerging field. Completely up-to-date, aspects it examines include the following: 1) Social networks; 2) Smart grids; 3) Graphic processing unit computation; 4) Distributed software development tools; 5) Analytic hierarchy process and the analytic network process.

⇒ Ausführliche Angaben: HT020308345

Ibarra, Luis M. / Gutierrez, Arturo Molina / Ponce, Pedro: Automation and Control Trends
English. Inhaltsangabe: This book is an overview of the different paths automation and control engineering have taken lately, from a modern point of view. Built up with example chapters, this book provides some insight into the use of artificial intelligence and control theory on manufacturing, comfort analysis, reliability of modern digital systems, and the use of unusual reference and feedback signals as those coming from the brain. Nonetheless, some chapters are also devoted to a more traditional point of view of control theory, addressing complex problems where human intervention must be limited. Overall, this book is an effort to show that modern automation and control engineering are comprised by many diverse areas, which should interact in order to provide a complete result. In this way, as the systems become more complex and the control objectives more subjective, both, formal analytic and intelligent approaches, should be seen as complementary tools, not unrelated competitors. This book’s aim is precisely that of showing how broad and diverse the control objectives have become and how the abilities of the control engineer should be extended.

⇒ Ausführliche Angaben: HT020308050

Ibrahim, Musa Jega: Emerging Issues in Economics and Development
English. Inhaltsangabe: Economics is about understanding the rational behaviour of economic agents (households, firms, industries and government) in their decisions to achieve best outcomes of their goals and aspirations. They collectively converge to achieve the utmost economic and social benefits for all in the country in terms of economic growth and development. Economic growth and development occur through efficient use of available resources to meet effective demand and social needs. The challenge that countries are facing is proper application of appropriate policy mix to optimize the opportunities of increasingly interdependent global economic landscape. For emerging economies, a multiple sector strategy that propels economic transformation is crucial. This needs to be predicated on robust macroeconomic policy framework that aligns with global production and consumption activities to drive economic growth process for achieving sustainable development.

⇒ Ausführliche Angaben: HT020308439

Ichhpujani, Parul: Glaucoma - Intraocular Pressure and Aqueous Dynamics
English. Inhaltsangabe: Written for ophthalmology residents and practitioners, this book provides the most comprehensive resource covering all the major aspects of aqueous humor and intraocular pressure dynamics. In addition to chapters on the conventional and new technologies for intraocular pressure assessment, there is a novel chapter on the engineering perspectives of continuous monitoring of the intraocular pressure. Based on the newer insights in aqueous outflow, this text offers a rational approach to the medical and surgical management of glaucoma.

⇒ Ausführliche Angaben: HT020308117

III, Murphy P. Martin / Mauffrey, Cyril / Hak, David J.: Compartment Syndrome
Compartment syndrome is a complex physiologic process with significant potential harm, and though an important clinical problem, the basic science and research surrounding this entity remains poorly understood. This unique open access book fills the gap in the knowledge of compartment syndrome, re-evaluating the current state of the art on this condition. The current clinical diagnostic criteria are presented, as well as the multiple dilemmas facing the surgeon. Pathophysiology, ischemic thresholds and pressure management techniques and limitations are discussed in detail. The main surgical management strategy, fasciotomy, is then described for both the upper and lower extremities, along with wound care. Compartment syndrome due to patient positioning, in children and polytrauma patients, and unusual presentations are likewise covered. Novel diagnosis and prevention strategies, as well as common misconceptions and legal ramifications stemming from compartment syndrome, round out the presentation. Unique and timely, Compartment Syndrome: A Guide to Diagnosis and Management will be indispensable for orthopedic and trauma surgeons confronted with this common yet challenging medical condition.
The aim of the book is to explain the subject, clarify important studies, and compare and develop new and groundbreaking applications. Written by leading experts in their respective areas, the book is highly recommended for professionals interested in analytical chemistry because it provides specific and comprehensive examples.

⇒ Ausführliche Angaben: HTO20309332

**Inceboz, Tonay: Echinococcosis**
English. Inhaltliche Zusammenfassung: Echinococcosis is an important zoonotic helminth disease all over the world, since some forms may be fatal. The most common species leading to echinococcosis are Echinococcus granulosus, Echinococcus multilocularis, Echinococcus vogeli, and Echinococcus oligarthrus. Although it has been known for many years, it keeps its interesting features. In this book, we aimed to update our knowledge on echinococcosis, focusing on current research advances, new horizons for drug therapy, and surgical management including surgical complications. I cordially believe that this book on echinococcosis will also motivate the future scientists to accomplish more studies on this issue.

⇒ Ausführliche Angaben: HTO20308476

**Ingeborg Lied, Liv / Lundhaug, Hugo: Snapshots of Evolving Traditions: Jewish and Christian Manuscript Culture, Textual Fluidity, and New Philology**
English. Inhaltliche Zusammenfassung: Eschewing the search for the hypothetical original, this volume of essays places manuscripts and manuscript culture center stage and provides new readings of texts from various Christian and Jewish traditions in their manuscript contexts. With emphasis on method, the book takes materiality and manuscript practices into consideration, arguing for the significance of realizing the inherent fluidity of textual transmission in a manuscript culture.

⇒ Ausführliche Angaben: HTO20307636

**Ingrassia, Massimo / Benedetto, Loredana: Parenting - Empirical Advances and Intervention Resources**
English. Inhaltliche Zusammenfassung: Through parenting, adults raise their children and introduce them into the belonging community. Parents are active determinants of their children’s well-being, but children themselves are too. The volume focuses on some relevant theoretical issues related to children’s and adolescent adjustments, adult maternal and paternal behaviors, and their self-efficacy beliefs and competence interacting with children’s characteristics. The volume also presents evidence-based treatments involving parents as key components of the intervention strategies for childhood internalizing/externalizing disorders. Parent behaviors produce changes and consequences in the child’s emotive-behavioral adjustment; thus, a modification of the parenting style may be an effective way to help children and to ameliorate the family climate. Practitioners interested in parenting will find in the updated studies here reviewed new suggestions for preventive family interventions.

⇒ Ausführliche Angaben: HTO20308565

**Injeti, Gurappa: Applied Surface Science**
English. Inhaltliche Zusammenfassung: This book covers the state of the art and recent advances in the field of surface science of a variety of materials for different applications and provides an in-depth understanding of mechanisms involved in achieving the desired surface properties. The book is extremely useful to materials scientists, system design engineers, maintenance engineers, manufacturing experts and executives, industrialists, mechanical engineers, chemical engineers, aeronautical engineers, academic researchers, and undergraduate and postgraduate students.
Innocenti, Alessio / Kamarulzaman, Norlida: Stoichiometry and Materials Science - When Numbers Matter
English. Inhaltliche Zusammenfassung: The aim of this book is to provide an overview on the importance of stoichiometry in the materials science field. It presents a collection of selected research articles and reviews providing up-to-date information related to stoichiometry at various levels. Being materials science an interdisciplinary area, the book has been divided in multiple sections, each for a specific field of applications. The first two sections introduce the role of stoichiometry in nanotechnology and defect chemistry, providing examples of state-of-the-art technologies. Section three and four are focused on intermetallic compounds and metal oxides. Section five describes the importance of stoichiometry in electrochemical applications. In section six new strategies for solid phase synthesis are reported, while a cross sectional approach to the influence of stoichiometry in energy production is the topic of the last section. Though specifically addressed to readers with a background in physical science, I believe this book will be of interest to researchers working in materials science, engineering and technology.

Innocenti, Alessio: Stoichiometry and Research - The Importance of Quantity in Biomedicine
English. Inhaltliche Zusammenfassung: The aim of this book is to provide an overview of the importance of stoichiometry in the biomedical field. It proposes a collection of selected research articles and reviews which provide up-to-date information related to stoichiometry at various levels. The first section deals with host-guest chemistry, focusing on selected calixarenes, cyclodextrins and crown ethers derivatives. In the second and third sections the book presents some issues concerning stoichiometry of metal complexes and lipids and polymers architecture. The fourth section aims to clarify the role of stoichiometry in the determination of protein interactions, while in the fifth section some selected experimental techniques applied to specific systems are introduced. The last section of the book is an attempt at showing some interesting connections between biomedicine and the environment, introducing the concept of biological stoichiometry. On this basis, the present volume would definitely be an ideal source of scientific information to researchers and scientists involved in biomedicine, biochemistry and other areas involving stoichiometry evaluation.

English / German.

Introvigne, Massimo / Nahavandi, Firouzeh / Aminian, Ahmad: " Sectes " et " hérésies ", de l'Antiquité à nos jours
sur les rapports entre le pouvoir et les formes institutionnelles du sentiment religieux. Ce volume rassemble les actes d'un colloque international organisé à l'Université libre de Bruxelles en mai 2002.
⇒ Ausführliche Angaben: HT020309757

**Inusa, Baba Psalm Duniya: Sickle Cell Disease - Pain and Common Chronic Complications**


English. Inhaltliche Zusammenfassung: This book addresses a wide range of clinically relevant topics and issues in sickle cell disease. This is written by experts in their own field offering a robust, engaging discussion about the presentations and mechanisms of actions in the multiple complications associated with sickle cell disease. This first of the series addresses pain, which is considered the hallmark of sickle cell presentation. It looks at the basic mechanism of pain in sickle cell disease. A more detailed review of precision medicine gives a clear well laid out presentation that is incisive and yet gives in-depth detail relevant to both the clinician and the researcher in the basic laboratory. The same pattern is shown in the discussion on respiratory, cardiac and neurological complications. The 14 chapters also include an overview of sickle cell disease especially in the paediatric age. The content is organized into well-designed broad sections on overview regarding diagnosis including point of care and the role of digital apps in patient management. A key aspect of the book is the opportunity it affords expert physicians to express well-reasoned opinions regarding complex issues in sickle cell disease. The readership would find that it provides a well-described, concise and immediate applicable answers to complex questions. This is highly recommended for scientists and clinicians alike.
⇒ Ausführliche Angaben: HT020308083

**Ionescu, Adela: Computational Fluid Dynamics - Basic Instruments and Applications in Science**


English. Inhaltliche Zusammenfassung: This book is the result of a careful selection of contributors in the field of CFD. It is divided into three sections according to the purpose and approaches used in the development of the contributions. The first section describes the high-performance computing (HPC) tools and their impact on CFD modeling. The second section is dedicated to CFD models for local and large-scale industrial phenomena. Two types of approaches are basically contained here: one concerns the adaptation from global to local scale, e.g., the applications of CFD to study the climate changes and the adaptations to local scale. The second approach, very challenging, is the multiscale analysis. The third section is devoted to CFD in numerical modeling approach for experimental cases. Its chapters emphasize on the numerical approach of the mathematical models associated to few experimental (industrial) cases. Here, the impact and the importance of the mathematical modeling in CFD are focused on. It is expected that the collection of these chapters will enrich the state of the art in the CFD domain and its applications in a lot of fields. This collection proves that CFD is a highly interdisciplinary research area, which lies at the interface of physics, engineering, applied mathematics, and computer science.
⇒ Ausführliche Angaben: HT020309651

**Iqbal, Amjad / Khan, Zafar Hayat / Shah, Farooq: Rice Crop - Current Developments**


English. Inhaltliche Zusammenfassung: Rice is a staple crop in many coastal and non-coastal areas of the globe and requires a large production area. With the increasing trends in population, it is pivotal to increase the production of this important crop for sustainability. The introduction of high-yielding rice cultivars through molecular breeding is one of the possibilities that can ensure sustainability. Additionally, development of new biotic and abiotic stress-resistant cultivars with higher nutritional value can revolutionize the rice industry.
Iranzo, Alfredo: Heat and Mass Transfer - Advances in Science and Technology Applications
English. Inhaltsliche Zusammenfassung: Heat and mass transfer is the core science for many industrial processes as well as technical and scientific devices. Automotive, aerospace, power generation (both by conventional and renewable energies), industrial equipment and rotating machinery, materials and chemical processing, and many other industries are requiring heat and mass transfer processes. Since the early studies in the seventeenth and eighteenth centuries, there has been tremendous technical progress and scientific advances in the knowledge of heat and mass transfer, where modeling and simulation developments are increasingly contributing to the current state of the art. Heat and Mass Transfer - Advances in Science and Technology Applications aims at providing researchers and practitioners with a valuable compendium of significant advances in the field.
⇒ Ausführliche Angaben: HT020308951

Irrlitz, Gerd: Moral und Methode
⇒ Ausführliche Angaben: HT020307486

Irtelli, Floriana: Family Therapy - New Intervention Programs and Researches
English. Inhaltsliche Zusammenfassung: This book is a collection of chapters written by a number of scientists from all over the world, who provide their insights not only into family therapy but also into new interesting interventions, programs, and research. The book adopts a perspective that respects the complexity of human beings and their family relationships. It devotes a space to the deepening of both psychological and social aspects: all themes in each section of the book are deeply connected. This book also focuses on some specific and really innovative topics, including the importance of psychosocial and family factors, complementary approaches, and relational aspects.
⇒ Ausführliche Angaben: HT020309504

Irtelli, Floriana: Psychosis - Biopsychosocial and Relational Perspectives
English. Inhaltsliche Zusammenfassung: This book collects chapters from a number of scientists all over the world, giving their contribution to the comprehension and clinical management of psychosis. The book adopts a perspective that respects the complexity of the human person and his/her relationships. It devotes a space both to the deepening of the more strictly biological aspects, the psychological aspects and the social aspects. Each section of the book (biological, psychological, social) reveals a deep connection with the themes of the other sections, showing the strength of this biopsychosocial interweaving. The relationship and the interweaving between these different areas is certainly a foundation of our existence and constitutes a law to which we cannot escape, so it is necessary that the biopsychosocial model is always considered in the interventions for the psychotic patient. This book also focuses on some specific and very innovative topics such as the importance of psychosocial factors and family factors, complementary approaches to psychosis management, subclinical psychosis and relational aspects of psychosis.
⇒ Ausführliche Angaben: HT020309058

Irwin, Sarah: Reshaping Social Life
Caught up in current social changes, we do not fully understand the reshaping of social life. In sociological analyses there is a conceptual gap between subjectivities and social structural processes, and we face real difficulties in understanding social change and diversity. Through analysis of key areas of social life, here, Sarah Irwin develops a new and exciting resource for better understanding our changing social world. Breaking with conventional approaches and reconnecting the subjective with the objective, Irwin’s book develops a new conceptual and analytical perspective with social relationality, interdependence and social context at its heart. The new perspective is developed through grounded analyses of empirical evidence, and draws on new data. It explores and analyzes: * significant changes in family forms, fertility, gender relations and commitments to employment, children and care, both now, and with comparisons to early twentieth century developments * the meshing of norms and social relations in contexts of change * diverse values, norms and perceptions of fairness, analyzed with respect to diversity over the life course, and in respect of gender, ethnicity and social class. Through analysis of context, Irwin offers new insights, and tackles puzzles of explanation. Reshaping Social Life offers a fascinating and innovative way of slicing into and re-interrogating our changing social world, and is sure to become a landmark resource for students, scholars and researchers.

Irzaman, Husein: Ferroelectrics and Their Applications
English. Inhaltliche Zusammenfassung: Ferroelectricity is a symptom of inevitable electrical polarization changes in materials without external electric field interference. Ferroelectricity is a phenomenon exhibited by crystals with a spontaneous polarization and hysteresis effects associated with dielectric changes when an electric field is given. Our fascination with ferroelectricity is in recognition of a beautiful article by Itskovsky, in which he explains the kinetics of a ferroelectric phase transition in a thin ferroelectric layer (lm). We have been researching ferroelectric materials since 2001. There are several materials known for their ferroelectric properties. Barium titanate and barium strontium titanate are the most well known. Several others include tantalum oxide, lead zirconium titanate, gallium nitride, lithium tantalate, aluminium, copper oxide, and lithium niobate. There is still a blue ocean of ferroelectric applications yet to be expounded. It is and hopefully always will be a bright future.

Isbir, Turgay: Advances in Lipoprotein Research
English. Inhaltliche Zusammenfassung: Lipoproteins have key roles in human growth and development, along with promoting, preventing, and/or participating in the pathogenesis or in the treatment of various diseases. This book presents a systematic and comprehensive review about the structure and metabolism of lipoproteins, particularly highlighting the crucial role of those molecules in the body and considering the interest of some lipids in healthy and diseased conditions. This book aims to provide integrative approach to understand the lipoprotein metabolism. Distinguished international experts contributed six chapters about the genetic variations, plasma lipoprotein components, and molecular relationship of lipoproteins with cognition and obesity.

Iskender Aydin, Cem / Özkaynak, Begüm / Turhan, Ethemcan: Chapter 9 Coal, ash, and other tales
English. Inhaltliche Zusammenfassung: This book is an exploration of the environmental makings and contested historical trajectories of environmental change in Turkey. Despite the recent proliferation of studies on the political economy of environmental change and urban transformation, until now there has not been a sufficiently complete treatment of Turkeys troubled environments, which live on the edge both geographically (between Europe and Middle East) and politically (between democracy and totalitarianism). The contributors to Transforming Socio-Natures in Turkey use the toolbox of environmental humanities to explore the
main political, cultural and historical factors relating to the country’s socio-environmental problems. This leads not only to a better grounding of some of the historical and contemporary debates on the environment in Turkey, but also a deeper understanding of the multiplicity of framings around more-than-human interactions in the country in a time of authoritarian populism. This book will be of interest not only to students of Turkey from a variety of social science and humanities disciplines but also contribute to the larger debates on environmental change and developmentalism in the context of a global populist turn.

⇒ Ausführliche Angaben: HT020309662

**Ismail, Basel I.: Renewable Geothermal Energy Explorations**
English. Inhaltliche Zusammenfassung: The geothermal resources of the Earth are enormous. The resource is considered to be an environmentally friendly clean energy source that could significantly contribute to the reduction of GHG emissions when utilized for electrical power generation or direct heating applications. The source of geothermal energy is the continuous heat energy flux flowing from the interior of the Earth toward its surface. Geothermal energy resources vary geographically, depending on the depth and temperature of the resource, the rock chemical composition, and the abundance of ground water. This book is the result of contributions from several experts and researchers worldwide. The introductory chapter highlights the principles of geothermal power generation using LEGE-ORC technology and presents a summary of the following book chapters. Due to its important utilization and future prospects, various interesting topics of research related to geothermal energy explorations are covered in this book. It is hoped that the book will become a useful source of information and basis for extended research for researchers, academics, policy makers, and practitioners in the area of renewable geothermal energy explorations.

⇒ Ausführliche Angaben: HT020309318

**Ismail, Basel I.: Renewable Hydropower Technologies**
English. Inhaltliche Zusammenfassung: For many years, hydropower played an essential role in the development of humanity and has a long and successful track record. It is a conventional renewable energy source for generating electricity in small- and large-scale production. Due to its important utilization and future prospects, various interesting topics of research related to hydroelectric power generation are covered in this book. This book is the result of significant contributions from several researchers and experts worldwide. It is hoped that the book will become a useful source of information and basis for extended research for researchers, academics, policy makers, and practitioners in the area of renewable hydropower technologies.

⇒ Ausführliche Angaben: HT020308366

**Ismen, Ali / Umur / Türkoglu, Muhammet: Marine Ecology - Biotic and Abiotic Interactions**
English. Inhaltliche Zusammenfassung: During the last decades, aquatic resources have been severely depleted due to human-induced factors such as overexploitation and pollution and more recently due to deviations in the physicochemical parameters of oceans, dramatic changes in weather patterns and melting of glaciers. The effects of these man-made factors are occurring in a relatively shorter time scale and, in many cases, are beyond the capacity of organisms to adapt to these deviations. The majority of natural aquatic resources, which are one of the most important food sources on the planet, are being used to the extent that limits their capacity for regeneration. Despite ongoing attempts towards developing strategies for long-term management of aquatic resources all over the world, efforts have met with limited success. Thus, the sustainable use of aquatic resources has become a very important reality considering a projected human population of 11 billion by the year 2100.-.

⇒ Ausführliche Angaben: HT020308864

**Istifli, Erman Salih / Ila, Hasan Basri: Lymphocytes**
English. Inhaltliche Zusammenfassung: Although all the features of the immune system have not been fully resolved yet, the knowledge we have gained from studies on lymphocytes, the basic elements of the immune system, is quite lucid. For this reason, the significance of lymphocytes (the cells that are the source of most of the information we have obtained about the human genome, the negative effects of drugs on the genetic system, the development and behavior of immune system, antigen-antibody association, cytotoxic adaptive immunity, antibody-driven adaptive immunity, cancer and autoimmune diseases) is clear. Studies on lymphocytes will not only help us develop tools to combat human diseases more effectively in the future, but will also help us understand how evolution shapes the immune system in living organisms.

⇒ Ausführliche Angaben: HT020309191

Isvoranu, Gheorghita: Lymphocyte Updates - Cancer, Autoimmunity and Infection
English. Inhaltliche Zusammenfassung: This book represents a synergic effort of an international team of specialists in immunology to expand the scientific achievements in the field of lymphocytes. It offers important and specific updated information to researchers, students, teachers, and medical professionals. Moreover, considering the remarkable dynamics of immunology and immunotherapy, this book Lymphocyte Updates - Cancer, Autoimmunity, and Infection aims to represent a significant source of concise scientific data and advancement of knowledge in this field. The chapters offer new insights into the latest scientific progress on lymphocyte roles in protective immunity, as well as their involvement in pathogenesis of various disorders.

⇒ Ausführliche Angaben: HT020308347

Itina, Tatiana E.: Laser Ablation - From Fundamentals to Applications
English. Inhaltliche Zusammenfassung: Shortly after the demonstration of the first laser, the most intensely studied theoretical topics dealt with laser-matter interactions. Many experiments were undertaken to clarify the major ablation mechanisms. At the same time, numerous theoretical studies, both analytical and numerical, were proposed to describe these interactions. These studies paved the ways toward the development of numerous laser applications, ranging from laser micro- and nanomachining to material analysis, nanoparticle and nanostructure formation, thin-film deposition, et cetera. Recently, more and more promising novel fields of laser applications have appeared, including biomedicine, catalysis, photovoltaic cells, et cetera. This book intends to provide the reader with a comprehensive overview of the current state of the art in laser ablation, from its fundamental mechanisms to novel applications.

⇒ Ausführliche Angaben: HT020308526

Itoh, Yasuto: Evolutionary Models of Convergent Margins - Origin of Their Diversity
English. Inhaltliche Zusammenfassung: This book deals with recent developments in evolutionary models for convergent margins. Reflecting transient modes for oceanic plate convergence, such boundaries are sites of varied tectonic processes, which provoke vigorous material recycling and frequent natural disasters such as massive earthquakes and catastrophic volcanism. Therefore, the origin of their diversity has long been one of the most significant themes in Earth science. The important scientific results obtained by prominent researchers who contributed chapters to this book pave the way for further in-depth studies on mobile belt frontiers, where harsh conditions hinder efforts to understand the Earths spatiotemporal changes.

⇒ Ausführliche Angaben: HT020308312

Iu, Herbert Ho-Ching / El Aroudi, Abdelali: Control and Nonlinear Dynamics on Energy Conversion Systems
Inhaltliche Zusammenfassung: The ever-increasing need for higher efficiency, smaller size, and lower cost make the analysis, understanding, and design of energy conversion systems extremely important, interesting, and even imperative. One of the most neglected features in the study of such systems is the effect of the inherent nonlinearities on the stability of the system. Due to these nonlinearities, these devices may exhibit undesirable and complex dynamics, which are the focus of many researchers. Even though a lot of research has taken place in this area during the last 20 years, it is still an active research topic for mainstream power engineers. This research has demonstrated that these systems can become unstable with a direct result in increased losses, extra subharmonics, and even uncontrollability/unobservability. The detailed study of these systems can help in the design of smaller, lighter, and less expensive converters that are particularly important in emerging areas of research like electric vehicles, smart grids, renewable energy sources, and others. The aim of this Special Issue is to cover control and nonlinear aspects of instabilities in different energy conversion systems: theoretical, analysis modelling, and practical solutions for such emerging applications. In this Special Issue, we present novel research works in different areas of the control and nonlinear dynamics of energy conversion systems.

⇒ Ausführliche Angaben: HT020307377

Ivanchikova, Alla: Imagining Afghanistan
English. Inhaltliche Zusammenfassung: What do we imagine Afghanistan to be? The Ruins of Kabul examines how the meaning of “Afghanistan” has been produced, ordered, and perpetuated through literary and visual texts that were published after the 9/11 attacks and the subsequent U.S.-led invasion-the era that propelled Afghanistan into the center of global media visibility. Through an analysis of fiction, graphic novels, memoirs, plays, and film, the book demonstrates that writing and screening Afghanistan has become a tool for understanding our shared post-9/11 condition—a hermeneutics of the contemporary.

⇒ Ausführliche Angaben: HT020307461

Ivo, Anete B. L.: A reinvenção do desenvolvimento: agências multilaterais e produção sociológica
Portuguese. Inhaltliche Zusammenfassung: O livro analisa a circulação de ideias, a influência e as relações complexas entre as agências multilaterais e a agenda de pesquisas das Ciências Sociais, dando maior atenção para a Sociologia, nos últimos 20 anos. De caráter interdisciplinar, os artigos presentes na obra articulam experiências e conhecimentos dos seus autores com o campo da Sociologia, contribuindo para a renovação da agenda do desenvolvimento contemporâneo que permitem observar como se configura as relações entre a ciência, os atores e a política, considerando os organismos internacionais como agentes políticos globais em interação com diversos setores da sociedade.

⇒ Ausführliche Angaben: HT020309708

Iwin-Garzyńska, Jolanta: Taxes and Taxation Trends
English. Inhaltliche Zusammenfassung: Taxes are a constant part of life for every company and a constant element of economics, finance, and financial law. Any changes observed in the science and theory also apply to the importance and position of taxes in the practice of corporate finance, public finance, and economic growth. Beside this, a new meaning of taxes in the economies of countries in the world and the European Union is introduced. Taxes will always introduce risks and uncertainties in business, due to the high volatility and uncertainty of tax law. Moreover, being a category that affects the economic growth, they cause disturbances in stability and welfare of the state. Therefore, while considering the essence of taxes in a country, one should not consider this category in isolation from corporate finance and social welfare. Two things are certain in the world: death and taxes.

⇒ Ausführliche Angaben: HT020308660
Jabócki, Adam / Koуч, Barbara: Trust Management: Key Factor of the Sustainable Organizations Embedded in Network
eng. Inhaltliche Zusammenfassung: Nowadays, trust is an important determinant in the development of modern organizations. Not only is it becoming an increasingly important element of relationships between entities, but, above all, it positively influences the building of an organization's intellectual capital. This capital can be defined in different ways, but its definition always references elements that determine the potential of sustainable organizations, often in human, social, relational, organizational, and innovation dimensions. Trust is increasingly becoming the key determinant of this capital (Koуч, Lenart-Gansiniec, 2017). Trust also has a number of different definitions. However, the basis of many of these definitions is the building of relationships focused on developing some kind of individual or inter-organizational link. Organizational trust is a complicated concept, and it is the basis of all organized activities performed by people in the organization, largely because trust is needed to develop relationships with integrity and commitment. Thus, it is interesting to study the relationship between trust and the building of the intellectual capital of sustainable organizations. Indeed, intellectual capital plays a special role here. It is a guide and a platform for achieving not only a competitive advantage for the sustainable organization, but also a source of value creation in the short and long term. Thus, this strategic hybrid, composed of a business model, strategy, and business processes, is favorable to the development of intellectual capital (Jabócki 2017). Trust is an element that ties this capital to relationships in business. Moreover, it has an integrated character (R.C. Mayer, J. H. Davis, F. D. Schoorman 1995). Assuming that, nowadays, the network paradigm is becoming increasingly important, it is worth asking how the mechanism of building trust-based intellectual capital in a sustainable organization functions as its key asset in the network environment.
⇒ Ausführliche Angaben: HT020307403

Jabócki, Marek: Sustainability of Young Companies-Contemporary Trends and Challenges
eng. Inhaltliche Zusammenfassung: Ensuring the sustainability of early stage companies and increasing awareness of the need for balancing targets against different stakeholder groups among young companies are not well developed. Young companies, in the first place, want to achieve financial success very often without regard for aspects such as the environment, positive relationships with employees, suppliers or other stakeholder groups, fulfilling requirements of labor law, et cetera Another issue is that of companies whose business models are based on actuarially-preferred concepts, such as sharing economy, sustainable development, e-comers, e-commerce, renewable energy, social media, and others. A key issue is the resignation of companies from an approach to business, based on the foundations of classical economics to the sharing economy. Theory and practice seek new solutions in the sphere of value sharing in these new areas of sharing, and innovative forms of its implementation. Intriguing is the relationship of these business models with sustainability issues, as well as wondering how technology can influence sustainability. A contemporary approach to consumer value fits in with the assumption of a shared economy. It is interesting how it affects the assumptions of sustainability of business. The ongoing changes in the value system of potential consumers create new conditions for the design of sustainability business models and creation of innovation.
⇒ Ausführliche Angaben: HT020307388

Jabloner, Clemens: Der Jurist in der Zeitgeschichte
⇒ Ausführliche Angaben: HT020307468

Jackson, Bruce: Get Your Ass in the Water and Swim Like Me
Jackson, Mark: Stress in Post-War Britain
English. Inhaltliche Zusammenfassung: In the years following World War II the health and well-being of the nation was of primary concern to the British government. The essays in this collection examine the relationship between health and stress in post-war Britain through a series of carefully connected case studies.
⇒ Ausführliche Angaben: HT020310245

Jacob, Frank: Genocide and Mass Violence in Asia. An Introductory Reader
English. Inhaltliche Zusammenfassung: In Asia the Age of Extremes witnessed many forms of mass violence and genocide, related to the rise and fall of the Japanese Empire, the proxy wars of the Cold War, and the anti-colonial nation building processes that often led to new conflicts and civil wars. The present volume is considered an introductory reader that deals with different forms of mass violence and genocide in Asia, discusses the perspectives of victims and perpetrators alike.
⇒ Ausführliche Angaben: HT020309968

Jacob-Lopes, Eduardo / Rosso, Veridiana Vera de / Zepka, Leila Queiroz: Vitamin A
English. Inhaltliche Zusammenfassung: This book is the most up-to-date research on vitamin A. It is designed for scientists and researchers to deepen their knowledge in this critical knowledge field, and it is a solid resource that brings together multidisciplinary research, development and innovation for a varied analysis of vitamin A..
⇒ Ausführliche Angaben: HT020309382

Jacobsson, Kerstin / Lindblom, Jonas: Animal Rights Activism
English. Inhaltliche Zusammenfassung: We’re in an era of ever increasing attention to animal rights, and activism around the issue is growing more widespread and prominent. In this volume, Kerstin Jacobsson and Jonas Lindblom use the animal rights movement in Sweden to offer the first analysis of social movements through the lens of Emile Durkheim’s sociology of morality. By positing social movements as essentially a moral phenomenon-and morality itself as a social fact-the book complements more structural, cultural, or strategic action-based approaches, even as it also demonstrates the continuing value of classical sociological approaches to understanding contemporary society.
⇒ Ausführliche Angaben: HT020309817

Jacquemard, Jean-Charles: Le palmier à huile
French. Inhaltliche Zusammenfassung: Palm oil, extracted from the pulp of oil palm fruit, is the main source of vegetable fats and oils on the world market. Its ability to adapt to different climates and its productivity make it a major food safety component in Asian countries and the tropical belt. The book seeks to give the practitioner the necessary elements for setting up and operating a palm stand by combining the basic scientific and technical knowledge required to understand technical choices with the sustainable development priorities of the crop. Special mention is therefore made of actions to limit the potentially negative aspects and highlight the positive aspects of proposed techniques and strategies without forgetting efficient protection.
of people working in the plantations. Lastly, the essential factual components are given in terms of the use of oil palm products and their impact on human health.

⇒ Ausführliche Angaben: HT020310359

Jacquemard, Jean-Charles: Le palmier à huile en plantation villageoise
French. Inhaltliche Zusammenfassung: The oil palm food-processing sector relies hugely on village plantations. Intended especially for small oil palm planters, this book provides the technical and practical bases for creating and developing their palm stand. It is organised into 44 sheets covering all aspects: pre-nursery, nursery, creating the plantation, young crops, plantation in production, harvesting clusters, main accidents (diseases, pests, nutrition), safety.

⇒ Ausführliche Angaben: HT020310355

Jain, Purnendra: Japans Subnational Governments in International Affairs
English. Inhaltliche Zusammenfassung: This book moves away from the common belief that Japan’s international relations are firmly the preserve of the national government in Japan’s highly centralised political system. Examining examples of subnational governments (SNGs) across Japan the book uncovers a significant and generally unrecognised development in Japanese politics: SNGs are ever more dynamic international actors as national borders ‘weaken’ across the world. Exploring what Japanese SNGs do, where they do it, and why, the book considers the implications of these factors for Japan’s international relations and domestic politics. By bringing to light the scope and consequences of the international actions of Japan’s SNGs, this book provides a more accurate and nuanced understanding of the country’s foreign policy, at a time when it is pursuing a broader and more active profile in international affairs.

⇒ Ausführliche Angaben: HT020310213

Jaini, Zainorizuan Mohd / Jamaluddin, Norwati / Ibrahim, Mohd Hazim Wan: Structural Bridge Engineering
English. Inhaltliche Zusammenfassung: There are many books on preliminary studies and research in bridge design as well as basic knowledge on bridge engineering, but most books supply the needs of practicing engineers who may have problems in estimating, designing or constructing suspension bridges. Therefore, this book is intended to serve as a source of information for problems related to bridge engineering including sustainable bridge development, traditional approaches and recent advances in highway bridge traffic loading, aesthetic analysis issues in designing a new bridge, applications of various methods for the dissipation of seismic energy for bridges, new technologies of bridge design as well as structural identification of bridges using non-destructive experimental measurement tests.

⇒ Ausführliche Angaben: HT020308053

Jaisser, Frederic / Harvey, Brian: Aldosterone-Mineralocorticoid Receptor - Cell Biology to Translational Medicine
English. Inhaltliche Zusammenfassung: This book is an open access dissemination of the EU COST Action ADMIRE in Aldosterone/Mineralocorticoid Receptor (MR) physiology and pathophysiology. Aldosterone is the major hormone regulating blood pressure. Alterations in blood levels of aldosterone and genetic mutations in the MR receptor are major causes of hypertension and comorbidities. Many of the drugs in clinical use, and in development for treating hypertension, target aldosterone and MR actions in the kidney and cardiovascular system. The ADMIRE book assembles review chapters from 16 European ADMIRE laboratories providing the latest insights into mechanisms of aldosterone synthesis/secretion, aldosterone/MR physiology and signaling, and the pathophysiological roles of aldosterone/MR activation.
Jaksche-Hoffman, Elisabeth / Hanfstingl, Barbara / Donlic, Jasmin: Lernprozesse über die Lebensspanne
⇒ Ausführliche Angaben: HT020309511

Jamal, Farrukh: Genetic Engineering - An Insight into the Strategies and Applications
English. Inhaltliche Zusammenfassung: This collection presents various interesting aspects of genetic engineering. Many thought-provoking queries like Is gene revolution an answer to the world hunger? Do GM crops with more complex transformation contribute to the enrichment of multinationals? Why the US increases food aids? have been analyzed. Transformation protocols and retrieval of recombinants are essential to the success of genetic engineering. The book throws light on new transformation strategies which can be used to increase the transformation efficiency in most plant species. Genetic engineering offers potentially viable solution to look for alternatives beyond Bt toxins with similar pattern of toxicity. An interesting chapter is dedicated to in vitro fig regeneration and transformation systems. To address the long juvenile phase of fruit trees, the book includes a chapter on plant breeding technique that can significantly shorten the breeding periods. The book dwells on aspects of genome editing which will enable researchers to produce transgenic plants in a more convenient and safer way to genetic modification of stem cells holding significant therapeutic promise to treat complications of diabetes and obesity. I hope this book will serve as a seed for further investigations and novel innovations in the area of genetic engineering.
⇒ Ausführliche Angaben: HT020310484

James, Alex Pappachen: Memristor and Memristive Neural Networks
English. Inhaltliche Zusammenfassung: This book covers a range of models, circuits and systems built with memristor devices and networks in applications to neural networks. It is divided into three parts: (1) Devices, (2) Models and (3) Applications. The resistive switching property is an important aspect of the memristors, and there are several designs of this discussed in this book, such as in metal oxide/organic semiconductor nonvolatile memories, nanoscale switching and degradation of resistive random access memory and graphene oxide-based memristor. The modelling of the memristors is required to ensure that the devices can be put to use and improve emerging application. In this book, various memristor models are discussed, from a mathematical framework to implementations in SPICE and verilog, that will be useful for the practitioners and researchers to get a grounding on the topic. The applications of the memristor models in various neuromorphic networks are discussed covering various neural network models, implementations in A/D converter and hierarchical temporal memories.
⇒ Ausführliche Angaben: HT020308641

James, Helen: Security and Sustainable Development in Myanmar
English. Inhaltliche Zusammenfassung: Helen James considers security in Myanmar/Burma. She uses the ideas put forward in the United Nations Development Programmes 1994 report,
of human, as opposed to state and security, going on to argue that freedom from want, and freedom from fear (of the regime) are in fact mutually supportive ideas, and that the security of the people and the security of the state are in fact in a symbiotic relationship with each other. Presenting new and significant information of the security concept of Myanmar/Burma, James’ original work considers economic development, health, education, environmental issues, the drugs trade, human rights, minority peoples and political, social and economic reforms, arguing that improved governance, the development of civil society and economic development would both strengthen the state and ensure the security and well-being of its citizens.

James, Toby S.: Chapter 1 Introduction
English. Inhaltsübersicht: In the immediate aftermath of the 2007 Kenyan Presidential election, the country entered into a political, economic and humanitarian crisis. Post-election violence erupted leading to estimates of over 1,000 people being killed by police, criminal gangs and militia groups, and 660,000 displacements, as opponents of President Mwai Kibaki alleged electoral manipulation (CBS News 2008; Kenny 2019). Tensions were deeply rooted in Kenya’s political history.

Janus, Magdalena: Application of Titanium Dioxide
English. Inhaltsübersicht: Titanium dioxide is mainly used as a pigment and photocatalyst. It is possible to find it in food, cosmetics, building materials, electric devices, and others. This book contains chapters about application of titanium dioxide in different branches of economy such as the agriculture, the food industry, the medicine, the cosmetics, the water treatment technologies, and the semiconductors.

Jaquet, Daniel / Verelst, Karin / Dawson, Timothy: Late medieval and early modern fight books
⇒ DDC (Dewey Decimal Classification):
- 355.548090223 Militärwissenschaft

⇒ Subject Headings:
- Fencing
- Early works to 1800, Swordplay
- Early works to 1800, Hand-to-hand fighting
- Europe
- Early works to 1800, Martial arts
- Europe
- History

⇒ Schlagwörter:
- Europa
- Fechten
- Geschichte 1400-1800
- Kampfsport
- Nahkampf
- Schwertkampf

⇒ Ausführliche Angaben: HT019005644

Jauregui-Lobera, Ignacio: Eating Disorders - A Paradigm of the Biopsychosocial Model of Illness
English. Inhaltliche Zusammenfassung: Despite the relevance of eating disorders in the past years, the pure core of these mental disorders remains unknown. In this regard, it is not a surprise that the biopsychosocial model is the best way to go forward in order to understand and to improve the different approaches, biological (mainly neurobiological), psychological, and social, in managing these disorders. Eating disorders are frequent pathologies, many times severe and often devastating for patients and their families. Biological, psychological, and social factors are always involved in these disorders, and knowledge about the influence of these factors helps us to better understand eating disorders. This book includes different studies about main topics of eating disorders and is useful for psychologists, doctors and others interested in this disorder.
⇒ Ausführliche Angaben: HT020308137

Javaid, Muhammad Salik: Groundwater - Contaminant and Resource Management
English. Inhaltliche Zusammenfassung: Water inside the earth, the groundwater and the invisible resource is the most important source of survival of mankind on this globe. Part of the hydrological cycle between entry (percolation and recharge) and exit (natural or forced extraction and discharge), the groundwater fascinates all: engineers, hydrogeologists, agriculturists, environmentalists, scientists, academia, resource managers and domestic and industrial users. This book is the outcome of efforts of those eminent authors who despite their fascination were able to write upon some important facet of groundwater flow and the transport of pollutants with it. The dimensions covered range from simple descriptive narratives; to expose of analytical methods; to complex mathematical treatment; to numerical simulations and computer modeling. All areas have been touched upon for the sake of general readers, students, professional engineers and scientists.
⇒ Ausführliche Angaben: HT020309611

Javaid, Muhammad Salik: Hydrology - The Science of Water
English. Inhaltliche Zusammenfassung: The importance of the science of water, commonly called “the hydrologic science,” is increasing day by day as water resources are depleting and becoming scarcer. These resources are either being polluted by human lifestyle, rendered unsuitable due to negligence and mismanagement, or their quantity is fast diminishing due to exhaustive extraction and consumption. With this state of affairs, in recent times, knowledge of the science of water has gained an impetus many times its original scale; and with
that, its acquisition, expansion, research, advancement, and dissemination have become more important. With so many dimensions of hydrology available for exploration, research, and technological advancement, any contributory work will find its right place. This book will play its part in furthering the knowledge of the science of water and will prove useful reading for various cross-sections of academia, researchers, engineers, hydrologists, and all categories of water consumers.

⇒ Ausführliche Angaben: HT020309485

**Javed, Khalid: Milk Production, Processing and Marketing**

English. Inhaltsliche Zusammenfassung: Milk is considered as a complete diet for an infant and contains essential nutrients for the development of young mammals. The substances in milk provide energy and antibodies that help protect against infection. Most farmers are paid for the quality and composition of their milk. Whole milk, once approved for use, is pumped into storage silos where it undergoes pasteurization, homogenization, separation, and further processing. Milk is a highly perishable commodity because it is an excellent medium for the growth of microorganisms - particularly bacterial pathogens - that can cause spoilage as well as diseases in consumers. Milk processing allows the preservation of milk for days, weeks, or months and helps to reduce food-borne illness.

⇒ Ausführliche Angaben: HT020309444

**Jayemmane, Darshana: Gaming and the Arts of Storytelling**

eng. Inhaltsliche Zusammenfassung: This book examines the notion of storytelling in videogames. This topic allows new perspectives on the enduring problem of narrative in digital games, while also opening up different avenues of inquiry. The collection looks at storytelling in games from many perspectives. Topics include the remediation of Conrad's Heart of Darkness in games such as Spec Ops: The Line; the storytelling similarities in Twin Peaks and Deadly Premonition, a new concept of ‘choice poetics’; the esthetics of Alien films and games, and a new theoretical overview of early game studies on narrative.

⇒ Ausführliche Angaben: HT020307393

**Jeanneaux, Philippe: Stratégies des filières fromagères sous AOP en Europe**

French. Inhaltsliche Zusammenfassung: To explain the origin of the differences in milk prices paid to producers, this work provides a framework for analyzing the mechanisms of governance of PDO cheeses, which are organised in localised agri-food systems (SYAL). Six PDO cheeses in Europe are presented: Comté PDO and Cantal PDO in France, Gruyère PDO in Switzerland, AllgÄœuer Emmentaler PDO in Germany, Parmigiano-Reggiano PDO in Italy and Queso Manchego PDO in Spain.

⇒ Ausführliche Angaben: HT020310362

**Jeffrey, Rob / McLennan, John / Bunger, Andrew P.: Effective and Sustainable Hydraulic Fracturing**

English. Inhaltsliche Zusammenfassung: This book comprises the proceedings for the International Conference for Effective and Sustainable Hydraulic Fracturing (HF2013) which was held 20-22 May 2013 in Brisbane, Australia. The conference goal was to advance hydraulic fracturing technology that is effective in its purpose and sustainable in its impacts on communities and environments by bringing together hydraulic fracturing experts not only from the petroleum industry, but also from other application areas of hydraulic fracturing such as mining and geothermal energy production. Topics include hydraulic fracturing of naturally fractured formations, well completions and fracture initiation, induced seismicity, experimental investigations, and coupled modelling. Beyond this mix of traditional hydraulic fracturing research topics, this book includes papers on applications in mining and also on regulations, risk, and communities.
Jia, Yulin: Protecting Rice Grains in the Post-Genomic Era
English. Inhaltliche Zusammenfassung: This book focuses on recent advances in genetic resources, host-pathogen interactions, assay methods, mechanisms of pathogenesis, and disease resistance. Environmentally benign crop protection methods for major rice diseases such as rice blast, sheath blight, bacterial blight, and newly emerged rice diseases such as false smut and bacterial panicle blight disease are included. The content also contains recent rice breeding methods for higher yield and improved disease resistance, rice processing, delicious rice recipes, and food safety. The book includes a comprehensive understanding of Bacillus thuringiensis toxin and its application for crop protection. Holistically, the book demonstrates successful applications of genomics, physiology, chemistry, genetics, pathology, soil science, and food technology to sustainably protect rice crops for global food safety.

Jian, Kuodi: Operations Research - the Art of Making Good Decisions
English. Inhaltliche Zusammenfassung: This book is dedicated to operations research of broad applications, such as improving informational bases of performance measurement with grey relational analysis, application of lean methodologies in a neurosurgery high dependency unit, iteration algorithms in Markov decision processes with state-action-dependent discount factors and unbounded costs, financial feasibility analysis of Natura Rab business case study, and mathematical modeling of isothermal drying and its potential application in the design of the industrial drying regimes of clay products. Operations research is an important topic. In addition to its obvious benefits of winning a war, making most profit in a business endeavor, and constructing a correct mathematical model, it also provides a tool for efficient use of natural resources. Furthermore, both theory and practice of operations research and its related concepts are covered in the book, and a reader can benefit from this balanced coverage.

Jiang, Xiaoming: Sociolinguistics - Interdisciplinary Perspectives
English. Inhaltliche Zusammenfassung: This book gives an interdisciplinary perspective on how the language use is shaped by and evolves with human society and how in turn social activities are constructed by the way how language is organized and communicated. With a contribution from multiple neighboring scientific disciplines, this book characterizes fundamental mechanisms, represents wide applications, and introduces state-of-the-art approaches in the modern sociolinguistic research. Three unique questions are asked and addressed by eight independent chapters: (1) the diversity and dynamics of the language use in multilingualism, human development, and organizational change; (2) the application of linguistic analysis to society, policy planning, and health education; and (3) the new approaches to sociolinguistics with an emphasis on communicative and cognitive aspects of language use.

Jiang, Yi / Dhanasekaran, Dharumadurai: Actinobacteria - Basics and Biotechnological Applications
English. Inhaltliche Zusammenfassung: This book presents an introductory overview of Actinobacteria with three main divisions: taxonomic principles, bioprospecting, and agriculture and industrial utility, which covers isolation, cultivation methods, and identification of Actinobacteria and production and biotechnological potential of antibacterial compounds and enzymes from Actinobacteria. Moreover, this book also provides a comprehensive account on plant growth-promoting (PGP) and pollutant degrading ability of Actinobacteria and the exploitation of Actinobacteria as ecofriendly nanofactories for biosynthesis of nanoparticles,
such as gold and silver. This book will be beneficial for the graduate students, teachers, researchers, biotechnologists, and other professionals, who are interested to fortify and expand their knowledge about Actinobacteria in the field of Microbiology, Biotechnology, Biomedical Science, Plant Science, Agriculture, Plant pathology, Environmental Science, et cetera.

Jimenez-Lopez, Jose C.: Advances in Seed Biology
English. Inhaltsliche Zusammenfassung: The seed can be considered the most important plant reproductive element, as a dispersal unit for a successful reproduction in all gymnosperms and flowering plants. The formation of the seed is part of the process of reproduction in seed plants, starting with a mature ovule and following with the fertilization by pollen and some growth within the mother plant to the final outcome of an embryo developed from the zygote, the seed coat from the integuments of the ovule, and a nurturing endosperm in several species. Thanks to this key element as it is the seed, the spermatophytes now dominate all types of biological niches on land, from forests to grasslands, both in hot and cold climates. In this metadata information era, we have the chance for a deeper understanding of seed physiological and developmental processes in order to provide the fundamental basis for making plant (seed) biology research relevant and productive, coping with future challenges.

Jimenez-Lopez, Jose C.: Cytoskeleton - Structure, Dynamics, Function and Disease
English. Inhaltsliche Zusammenfassung: The cytoskeleton is a highly dynamic intracellular platform constituted by a three-dimensional network of proteins responsible for key cellular roles as structure and shape, cell growth and development, and offering to the cell with motility that being the ability of the entire cell to move and for material to be moved within the cell in a regulated fashion (vesicle trafficking). The present edition of Cytoskeleton provides new insights into the structure-functional features, dynamics, and cytoskeletons relationship to diseases. The authors contribution in this book will be of substantial importance to a wide audience such as clinicians, researchers, educators, and students interested in getting updated knowledge about molecular basis of cytoskeleton, such as regulation of cell vital processes by actin-binding proteins as cell morphogenesis, motility, their implications in cell signaling, as well as strategies for clinical trial and alternative therapies based in multitargeting molecules to tackle diseases, that is, cancer.

Jin, Shengming / Dong, Fan / Zhou, Ying: Bismuth - Advanced Applications and Defects Characterization
English. Inhaltsliche Zusammenfassung: Bismuth (Bi) is a post-transition metal element with the atomic number of 83, which belongs to the pnictogen group elements in Period 6 in the elemental periodic table. As a heavy metal, the hazard of Bi is unusually low in contrast to its neighbors Pb and Sb. This property, along with other typical characteristics like strong diamagnetism and low thermal conductivity, makes Bi attractive in industrial applications. There are more than 100 commercial bismuth products, from pharmaceutical to industrial catalysts. Based on the wide applications of Bi materials, this book goes further and mainly focuses on the potential uses of Bi-based materials, which consist of nine chapters. In addition, a special chapter concerning the defect in bismuth is also presented.

English. Inhaltliche Zusammenfassung: Chinas recent economic reforms have led to impressive growth, and an unprecedented enthusiasm for establishing foreign enterprises in China. Since 1993, China has been the second largest recipient of foreign direct investment in the world and is now considered to be the worlds third biggest economy. Its greater economic integration with the rest of the world, especially since its accession to the World Trade Organisation (WTO), has further accelerated its market-oriented economic reforms. China is now opening its protected markets and beginning to submit to the rule of international law. This ongoing transition and increasing participation in the world economy has resulted in significant changes in human resource management and social welfare practices in Chinas enterprises. The book examines the key areas, all of which are linked, where China is grappling with institutional reforms as it opens up to the outside world: state-owned enterprise reform, capital markets and financial reform, human resources and labour market reform, social welfare reform, and Chinas accession to the WTO and the growth of the private sector.

⇒ Ausführliche Angaben: HT020310293

Jørgensen, Rikke Frank: Human Rights in the Age of Platforms
English. Inhaltliche Zusammenfassung: Today such companies as Apple, Facebook, Google, Microsoft, and Twitter play an increasingly important role in how users form and express opinions, encounter information, debate, disagree, mobilize, and maintain their privacy. What are the human rights implications of an online domain managed by privately owned platforms? According to the Guiding Principles on Business and Human Rights, adopted by the UN Human Right Council in 2011, businesses have a responsibility to respect human rights and to carry out human rights due diligence. But this goal is dependent on the willingness of states to encode such norms into business regulations and of companies to comply. In this volume, contributors from across law and internet and media studies examine the state of human rights in todays platform society.

⇒ Ausführliche Angaben: HT020309831

John Neumeier
⇒ Ein Medium
  - Freihand:
  ⇒ DDC (Dewey Decimal Classification):
    - 792DNB 792DNB
  ⇒ DDC (Dewey Decimal Classification):
    - 79223sdnb 79223sdnb
  ⇒ Ausführliche Angaben: HT020311544

Johns, Susan M. / Reynolds, Susan / Nelson, Janet L.: Gender and Historiography: Studies in the earlier middle ages in honour of Pauline Stafford
English. Inhaltliche Zusammenfassung: The chapters in this volume celebrate the work of Pauline Stafford, highlighting the ways in which it has advanced research in the fields of both Anglo-Saxon history and the history of medieval women and gender. Ranging across the period, and over much of the old Carolingian world as well as Anglo-Saxon England, they deal with such questions as the nature of kingship and queenship, fatherhood, elite gender relations, the transmission of property, the participation of women in lordship, slavery and warfare, and the nature of assemblies. Gender and historiography presents the fruits of groundbreaking research, inspired by Pauline Stafford.

⇒ Ausführliche Angaben: HT020309727

Johnson Andrews, Sean: The Cultural Production of Intellectual Property Rights
Inhaltliche Zusammenfassung: This book looks at questions of intellectual property rights (IPR) – historically, culturally, and politically – and their relationship to law and the state. Arguing that the idea that intellectual property is another kind of property right (that is, that IP is a thing to be owned) exists in parallel with the idea that intellectual property is the consequence of a cultural process, Andrews discusses intellectual property rights within the context of cultural studies, treating them as an object through which intersecting cultural and political issues can be understood.

⇒ Ausführliche Angaben: HT020307505

Johnson, David W.: Lubrication - Tribology, Lubricants and Additives
English. Inhaltliche Zusammenfassung: Tribology is an interdisciplinary area that studies the reduction of friction between moving parts combining chemistry, physics and engineering disciplines. Lubricants are typically substances used to reduce friction. This book contains two sections: the first section examines the chemistry of lubricants and additives, while the second section looks at the lubrication of different types of materials.

⇒ Ausführliche Angaben: HT020308715

Jomo, K. S.: Manufacturing Competitiveness in Asia
English. Inhaltliche Zusammenfassung: There are competing theories to explain the reasons behind the international competitiveness of manufacturing in Asia. Analysing these different theories will bring important lessons, not just for Asia, but for developing economies the world over. This lucid book studies industries and firms in East Asia and examines the major determinants of their economic performance. With contributions from such leading thinkers as Ha-Joon Chang and Rajah Rasiah, the book covers such themes as: *industrial policy and East Asia *Taiwans information technology industry *The role of the government in technological capability building Manufacturing Competitiveness in Asia touches on many important themes and issues and as such will be of great interest to students, academics and policymakers involved in industrial economics, international trade and Asian studies.

⇒ Ausführliche Angaben: HT020310197

Jonas, Katrin: Die bewegte Frau
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 150DNB 150DNB
⇒ DDC (Dewey Decimal Classification):
  - 15023sdnb 15023sdnb
⇒ Ausführliche Angaben: HT020314630

Jones, Alexandra / Bohata, Kirsti: Chapter 7 Welsh Womens Industrial Fiction 1880-1910
English. Inhaltliche Zusammenfassung: From the beginning of the genre, women writers have made a major contribution to the development of industrial writing. Although prevented from gaining first-hand experience of the coalface, Welsh women writers were amongst the first to try to fictionalize those heavy industries-coal and metal in the south, and slate in the north-which dominated the lives of the majority of the late nineteenth-century Welsh population. Treatment of industrial matter is generally fragmentary in this early women’s writing: industrial imagery and metaphor may be used in novels that are not primarily “about” industry at all. Yet from c. 1880-1910, Welsh women writers made a significant-and hitherto critically
neglected attempt to make sense in literature of contemporary industrial Wales in powerful and innovative ways. This essay maps their contribution and considers anglophone Welsh women writers' adaptations and innovations of form (particularly romance) as they try to find a way of representing industrial landscapes, communities and the daily realities of industrial labour. It identifies the genesis in women's writing of tropes that would become central to later industrial fiction, including depictions of industrial accident, injury, death and disability. And it explores the representation of social relations (class, gender, ethnicity, sexuality) and conflict on this tumultuous, dangerous new stage.

⇒ Ausführliche Angaben: HT020310421

**Joret, Blandine: Studying Film with André Bazin**
English. Inhaltliche Zusammenfassung: The impact of French film critic André Bazin (1918-1958) on the development of film studies, though generally acknowledged, remains contested. A passionate initiator of film culture during his lifetime, his ideas have been challenged, defended and revived throughout his afterlife. Studying Film with André Bazin offers an entirely original interpretation of major concepts from Bazin's legacy, such as auteur theory, realism, film language and the influence of film on other arts (poetry and painting in particular). By examining mostly unknown and uncollected texts, Blandine Joret explains Bazin's methodology and adopts it in a contemporary reading, linking his ideas to major philosophical and scientific frameworks as well as more recent media practices such as advertising, CGI, 3D cinema and Virtual Reality. In tune with 21st-century concerns in media culture and film studies, this book addresses a wide readership of film scholars, students and cinephiles.

⇒ Ausführliche Angaben: HT020309906

**Jozala, Angela Faustino: Fermentation Processes**
English. Inhaltliche Zusammenfassung: Fermentation is a theme widely useful for food, feed and biofuel production. Indeed each of these areas, food industry, animal nutrition and energy production, has considerable presence in the global market. Fermentation process also has relevant applications on medical and pharmaceutical areas, such as antibiotics production. The present book, Fermentation Processes, reflects that wide value of fermentation in related areas. It holds a total of 14 chapters over diverse areas of fermentation research.

⇒ Ausführliche Angaben: HT020308147

**Jr, Edward T. Zawada: Challenges in Elder Care**
English. Inhaltliche Zusammenfassung: This work is intended as a brief but focused compilation to assist with diagnosis and management of the most common serious medical problems in the rapidly growing geriatric population. The geriatric population recently expanded by the fact that the baby boomers have reached the milestone of 65 years of age in the past 5 years. Tips for diagnosis, medication administration, and logistics of cost-effective management in the health-care continuum are presented in this book. The latter often consists of a journey from home to medical office to emergency room to hospital bed to intensive care unit to long-term acute care hospital to skilled nursing facility to long-term residential facility and/or back home, which is also reviewed in the book Geriatrics.

⇒ Ausführliche Angaben: HT020308057

**Jr, Faye Bahmad: Up to Date on Menieres Disease**
English. Inhaltliche Zusammenfassung: Dizziness and vertigo are symptoms related to peripheral vestibular disorders. These are among the most common complaints in medical offices, and knowledge of the major diseases affecting this system is of fundamental importance to the specialist in otolaryngology. In recent years, great advances have been made in otoneurology, which, coupled with increasing knowledge in the field of neurosciences, have substantially modified the approach of the patient with balance complaints. This book studies the most polemic of these vestibular diseases, the Menieres disease.
Jr, Julio Elito: Multiple Pregnancy - New Challenges
English. Inhaltliche Zusammenfassung: Multiple Pregnancy - New Challenges is a comprehensive book, written in an organized and concise format. The book offers an immersion into multiple pregnancy. Each chapter presents the reader with various important issues related to the subject matter. The book covers all spectrums of multiple pregnancy such as epidemiology, etiology, diagnosis, prenatal care, unique complications in monochorionic pregnancies, preterm birth and mode of delivery. Through its 10 chapters the book contemplates the most relevant aspects of multiple pregnancy. Authors from all over the world have contributed to this book, bringing the best from their research experiences. The book give the reader a state-of-the-art update of multiple pregnancy.

Jr / Zawada, Edward T.: Evolving Strategies in Peritoneal Dialysis
English. Inhaltliche Zusammenfassung: Evolving Strategies in Peritoneal Dialysis is intended as a concise compilation of articles designed to understand the basics of the current practice of the most cost-effective form of life support for patients with end-stage renal disease who require dialysis. Current strategies are understood best with a review of the historical development of catheter materials, solution packaging, and simplified machinery, which allow safe and effective nocturnal treatments. Quantitation of the efficacy of peritoneal dialysis is also reviewed because such calculations were also developed by the pioneers of nephrology to ensure adequacy of dialysis and daily fluid balance, which are responsible for the best chance for long-term patient survival. Comparison of methods for catheter placement is presented as well as the role that a dialysis center plays in the health and success of this form of end-stage renal disease patient care. The novel concept of assisted peritoneal dialysis for the infirm or institutionalized patients is probably the next direction needed to make available this treatment to many more patients than are currently eligible to receive it. This concept is explored in a separate chapter. Finally, professional dialysis staff must monthly assess individuals nutritional status, bone health, and infection prevention and treatment to ensure the greatest functional status for these patients. This book concludes with a review of each of these topics to expand the mandatory monthly surveillance performed by dialysis centers for each patient who receives home peritoneal dialysis therapy.

Juárez, Laura (Ed.): Escritores y escritura en la prensa
spa. Inhaltliche Zusammenfassung: Este libro explora, en diferentes momentos y casos argentinos, algunas de las peculiaridades de la singular colaboración de los escritores en los diarios y en publicaciones diversas y analiza a su vez ejemplos concretos para determinar los modos en que allí se constituye un laboratorio, un espacio de ensayo para la obra de un autor y una zona de definición (vacilante y variada) de la muchas veces fluctuante identidad literaria. Parte, así, de dos estudios que se enmarcan en el siglo XIX (sobre José Hernández y sobre Juana Manuela Gorriti) y luego se concentra en el siglo XX, en un recorrido por las publicaciones en periódicos de una serie de reconocidos escritores-periodistas como Roberto Arlt, Enrique González Tuñón, Nicolás Olivari hasta llegar a Juan Gelman.

Judah Geller, Markham: Melothesia in Babylonia. Medicine, Magic, and Astrology in the Ancient Near East
English. Inhaltliche Zusammenfassung: This book examines the Babylonian background of melothesia, the science of charting zodiac influences on the human body, which transformed older divination by connecting astrology with medical techniques. Special attention is given to
a text from late-5th-century Uruk, which is argued to be an important representative of this new approach to the healing arts, previously only known from Greek and medieval astrology.
⇒ Ausführliche Angaben: HT020307642

Jürgasch, Thomas / Keiling, Tobias: Anthropologie der Theorie
German. Inhaltliche Zusammenfassung: The link between leisure and contemplative activity, as paradigmatically developed in Aristotle’s Nicomachean Ethics, has a pre- and long post-history reaching into present day philosophy and theology. Aristotle’s melding of leisure with theory is explained anthropologically because human nature’s capabilities are perfectly realised in a contemplative form of life. The contributions in this volume investigate models of connecting theory and leisure in the history of ideas with regard to the question of an anthropological foundation of theory.
⇒ Ausführliche Angaben: HT020309909

Jun, Bong-Hyun / Rho, Won Yeop: Silver Nano/microparticles: Modification and Applications
eng. Inhaltliche Zusammenfassung: Nano/micro-size particles are widely applied in various fields. Among the various particles, silver particles are considered among the most prominent nanomaterials in the biomedical and industrial sectors because of their favorable physical, chemical, and biological characteristics. Thus, numerous studies have been conducted to evaluate their properties and utilize them in various applications, such as diagnostics, antibacterial and anti-cancer therapeutics, and optoelectronics. The properties of silver particles are strongly influenced by their size, morphological shape, and surface characteristics, which can be modified by diverse synthetic methods, reducing agents, and stabilizers. This Special Issue provides a range of original contributions detailing the synthesis, modification, properties, and applications of silver materials. Nine outstanding papers describing examples of the most recent advances in silver nano/microparticles are included. Silver nano/micro-size particles have many potential advantages as next-generation materials in various areas, including nanomedicine. This Special Issue might be helpful to understand the value of silver particles in the biomedical and industrial fields.
⇒ Ausführliche Angaben: HT020307420

Júnior, Carlos Zacarias de Sena: Capítulos de história dos comunistas no Brasil
Portuguese. Inhaltliche Zusammenfassung: A obra reúne artigos que narram alguns episódios dos mais de 90 anos da história dos Comunistas no Brasil, desde a fundação do Partido Comunista do Brasil (PCB), em 1922, documenta a ascensão da história das lutas da juventude e dos trabalhadores nas décadas de 1930 e 1940, passando pela clandestinidade, com a Ditadura Militar, em 1964, e a retomada dos estudos voltados para esta área. Com o intuito de historiar algumas lacunas no conhecimento histórico sobre o tema, conhecidos historiadores se juntam a novos investigadores para oferecer capítulos da história de uma das mais importantes organizações de esquerda existentes no Brasil.
⇒ Ausführliche Angaben: HT020309709

Junior, Heitor Luiz Ornaghi / Poletto, Matheus: Cellulose - Fundamental Aspects and Current Trends
English. Inhaltliche Zusammenfassung: Cellulose - Fundamental Aspects and Current Trends consists of 10 chapters written by international subject matter experts investigating the characteristics and current applications of this fascinating material. This book will help the reader to develop a deeper understanding about the concepts related to cellulose and the nanocellulose structure, modification, production, dissolution, and application. Biosynthesis mechanisms and medical applications of microbial cellulose are also discussed. This book will serve
as the starting point for materials science researchers, engineers, and technologists from diverse backgrounds in physics, chemistry, biology, materials science, and engineering who want to know and better understand the unique characteristics of the most abundant biopolymer on earth.

⇒ Ausführliche Angaben: HT020307999

**Juric, Snjezana: Plant Engineering**
English. Inhaltliche Zusammenfassung: Undernourishment in some areas and abundance in others, accelerated climate changes, food distribution and security challenges, fluctuating economic and political stability and oversaturation in information - this is the world we are living in today. It seems that there is no time for the basic science plant research; instead of years of dedicated investigation, scientists are forced to wrap up their know-how in project-oriented deliverables as fast as possible. The main strength of this book is the new knowledge about plant engineering that could be transferred into the applied science and, later on, to the industry. However, we should not forget that all great discoveries begin with the fundamental research, the wealth of good ideas and the dedicated scientific work.

⇒ Ausführliche Angaben: HT020308480

**Justino, Goncalo C.: Flavonoids - From Biosynthesis to Human Health**
English. Inhaltliche Zusammenfassung: Flavonoids are abundant secondary metabolites found in plants and fungi that have various roles in these organisms, including pigmentation, cell signalling, plant defence and inter-organism communication. Due to their abundance in nature, flavonoids are also important components of the human diet, and the last four decades have seen an intense study focused on the structure characterization of flavonoids and on their roles in mammal metabolism. This book reviews most of the well-established activities of flavonoids, and we also present more recent research studies on the area of flavonoids, including the chemical aspects of structure characterization of flavonoids, the biosynthesis of flavonoids in model plants as well as their role in abiotic stress situations and in agriculture, the role of flavonoids in metabolism and health and their importance in foods, from consumption to their use as bioactive components.

⇒ Ausführliche Angaben: HT020308388

**Kabir, Russell / Rahman, Sayeeda / Majumder, Md. Anwarul Azim: Public Health - Emerging and Re-emerging Issues**
English. Inhaltliche Zusammenfassung: The main aim of modern public health is to improve the quality of life and promote health for all. Public health deals with a wide range of individuals and collaborates with various organizations, departments, and agencies to improve health, forestall disease and promote well-being. The field of public health is constantly evolving in response to the needs of communities and populations that are facing demographic, epidemiological and technological challenges. To overcome these challenges, health professionals need to conduct research to generate evidence-based policies to improve the health of the community. Throughout the course of this book, a number of emerging and re-emerging public health issues from different countries are discussed and attempts are made to illustrate a balanced and evidence-based approach towards tackling major public health problems.

⇒ Ausführliche Angaben: HT020309067

**Kadokawa, Jun-ichi: Ionic Liquids - New Aspects for the Future**
Concerns with ionic liquids are one of the most interesting and rapidly developing areas in modern physical chemistry, materials science, technologies, and engineering. Increasing attention has also been paid to the use of ionic liquids in the research fields of biological aspects and natural resources. This book provides the forum for dissemination and exchange of up-to-date scientific information on theoretical, generic, and applied areas of ionic liquids. It, therefore, tends to review recent progresses in ionic liquid research on fundamental properties, solvents and catalysts in organic reactions, biological applications, providing energies and fuels, biomass conversions, functional materials, and other applications. I trust that this book will provide an active source of information for research in ionic liquid science and engineering.

⇒ Ausführliche Angaben: HT020307943

Kahn, Scott M.: Sex Steroids
English. Inhaltliche Zusammenfassung: This book, entitled Sex Steroids, features a valuable collection of reviews and research articles written by experts in signal transduction, cellular biology, diseases and disorders. Sex Steroids is comprised of four sections, The Biology of Sex Steroids, Sex Steroids, Memory, and the Brain, Sex Steroids and the Immune Response, and Therapy; individual chapters address a broad range of recognized and predicted functions and applications of sex steroids. Sex Steroids is intended to provide seasoned veterans as well as newcomers to this area of research with informative, resourceful, and provocative insights. Readers of Sex Steroids should emerge with an appreciation and understanding of the multitude and complexity of biologic processes attributed to these important hormones, and possible future directions of research in this fascinating and ever evolving field.

⇒ Ausführliche Angaben: HT020307832

Kahramanoglu, Ibrahim: Postharvest Handling
English. Inhaltliche Zusammenfassung: The world population has been increasing day by day, and demand for food is rising. Despite that, the natural resources are decreasing, and production of food is getting difficult. At the same time, about one-quarter of what is produced never reaches the consumers due to the postharvest losses. Therefore, it is of utmost importance to efficiently handle, store, and utilize produce to be able to feed the world, reduce the use of natural resources, and help to ensure sustainability. At this point, postharvest handling is becoming more important, which is the main determinant of the postharvest losses. Hence, the present book is intended to provide useful and scientific information about postharvest handling of different produce.

⇒ Ausführliche Angaben: HT020308437

Kaiser, Andreas: Lateinische Dichtungen zur deutschen Geschichte des Mittelalters
German / Latin.
⇒ Ausführliche Angaben: HT020310038

Kalinin, Vladimir V.: Epileptology - The Modern State of Science
English. Inhaltliche Zusammenfassung: Epilepsy seems to represent one of the most frequent neurological diseases and occurs in about 1% of the general population. Although epilepsy is known since antiquity, the precise data on its pathogenesis and effective treatment are still collected and nowadays represents an interest for neurologists and psychiatrists. Being a neurological disease, epilepsy is characterized by a broad palette of comorbid psychiatric disorders (affective and anxiety disorders, psychoses) that reduce the quality of life. Moreover, the risk of suicidal attempts in persons with epilepsy is much higher than in general population that once again increases the actuality of epilepsy research in many aspects. The book contains 13 chapters written by different authors from all over the world on different topics, including phenomenology, pathogenesis, and treatment in epilepsy. The modern data on these topics may be helpful for many specialists in the domain of epileptology.
Kallepalli, Lakshmi Narayana Deepak: Applications of Silicon Photonics in Sensors and Waveguides
English. Inhaltliche Zusammenfassung: This book is a collection of five original research articles on silicon photonics. The discussed issues are organized into two parts. Part 1 describes the science behind the silicon photonics emphasizing the role of photonic circuits on silicon, and Part 2 describes applications in waveguide and optical transmissions. This book should be of interest to academic researchers and engineers. The chapters included are fundamental science and applications of silicon photonics, optical properties of thin nanocrystalline silicon films, microporous silicon in gas sensing, Mach-Zehnder interferometer cell-based silicon waveguide, experimental study of porous silicon films, and integrated optical switches and their applications.

Kalscheuer, Hans D. / Gsell, Peter J.: Integrierte Datenverarbeitungssysteme für die Unternehmensführung
German.

Kalweit, Karsten: Tai Chi - Formen für Fortgeschrittene
⇒ DDC (Dewey Decimal Classification):
- 610DNB 610DNB
⇒ DDC (Dewey Decimal Classification):
- 61023sdb 61023sdb
⇒ Ausführliche Angaben: HT020309979

Kamali, Amir / Kretzer, J. Philippe: Tribological Performance of Artificial Joints
eng. Inhaltliche Zusammenfassung: Joint replacement is a very successful medical treatment. However, the survivorship of the implants could be adversely affected due to the loss of materials in the form of particles or ions as the bearing surfaces articulate against each other. The consequent tissue and immune response to the wear products, remain one of the key factors of their failure. Tribology has been defined as the science and technology of interacting surfaces in relative motion and all related wear products (e.g., particles, ions, et cetera). Over the last few decades, in an attempt to understand and improve joint replacement technology, the tribological performance of several material combinations have been studied experimentally and assessed clinically. In addition, research has focused on the biological effects and long term consequences of wear products. Improvements have been made in manufacturing processes, precision engineering capabilities, device designs and materials properties in order to minimize wear and friction and maximize component longevity in vivo.
⇒ Ausführliche Angaben: HT020307378

Kamanina, Natalia V.: Fullerenes and Relative Materials - Properties and Applications
English. Inhaltliche Zusammenfassung: In the period of rapid and intensive development of general electronics, this book entitled Fullerenes and Relative Materials - Properties and Applications is quite systematic and useful. It considers some aspects on synthesis, structural,
vibrational, tribology, and optical properties of the fullerenes and relative materials. Some parts of the book present the specific area of the applications of the studied nanostructures. The book contains eight chapters. The special approach and interesting results on the unique properties of the materials studied as well as the different areas of their applications in general optoelectronics, solar energy and gas storage, laser and display, and biomedicine are shown. It is important for education process and for the civil and special device operations.

Kamble, Ganesh: Graphene Oxide - Applications and Opportunities
English. Inhaltsangabe: This book aims to introduce the emerging technologies of graphene oxide (GO) in various fields such as industrial, medical, electronics, artificial intelligence, materials-alloys, energy storage devices, optical, physics, mechanical, nanomaterials, and sustainable chemistry. At the current level of development, the properties and binding structure of graphene are important toward the recent applications. The knowledge produced by the graphene oxide could be a much haunting basis for discovering innovative opportunities in the field of emerging trends of research. Future technology expected that the full development will depend only on graphene and its functionalized composite materials. This book highlights the challenges and opportunities associated with GOs. Subject of interest in this book is exploring the opportunities and technologies related to abundant clean energy, pure water, and noble long healthy life.

Kanao, Masaki: Polar Seismology - Advances and Impact
English. Inhaltsangabe: Seismology in polar regions (Arctic and Antarctic) allows us to study the static condition and high-latitude dynamics of the Earth. This book covers the recent developments in seismology in polar regions; observations and networks; international collaboration; heterogeneous structure and dynamics of the lithosphere; deep Earths interiors observed from high latitudes; characteristics of seismicity and seismic wave propagation; and global tectonics in terms of Earths history, including the interdisciplinary studies on the interaction between Earths spheres. Since the International Polar Year (IPY) in 2007/2008 was the most exciting campaign launched within contemporary polar studies, this book observes recent seismological achievements by the IPY, specifically focusing on the seismic signals near the surface associated with cryosphere dynamics and evolution. Topics on cryoseismology, such as glacial earthquake activities, are viewed in terms of global warming. Moreover, observational experiments and long-term monitoring under the extreme conditions in the polar environment are also discussed.

Kanauchi, Makoto: Brewing Technology
English. Inhaltsangabe: Many alcoholic beverages produced using various methods are consumed throughout the world. Alcoholic beverages made by brewing cereals, such as beer and Japanese sake, are extremely popular. Brewing them requires a complicated process by which the cereal must be saccharified using enzymes such as amylase. For example, with beer brewing, malt enzymes are used for saccharification. By germination, malt is made from barley to produce enzymes. Finally, wort is made by processing at higher temperatures using malt. The actual techniques require high-level skills. In this book, the discussion encompasses leading-edge brewing technology with fermentation using a non-Saccharomyces starter, healthy uses of spent grain from brewing processes, and an electronic nose for quality control, but it also includes descriptions of local traditional alcoholic beverages of Korea and Cameroon.

Kandelousi, Mohsen Sheikholeslami: Electric Field
English. Inhaltliche Zusammenfassung: In the present book, various applications of electric field are introduced in health and biology like treating cancer and cell sorting and in engineering and technological applications like enhancing the heat transfer, colloidal hydrodynamics and stability, and lithography. Electric field is defined as a force field arising from the electric charges. Depending on the nature of the material (the ability to polarize) and the inherent or attained surface charges, the response of the electric field varies.

⇒ Ausführliche Angaben: HT020308717

Kandelousi, Mohsen Sheikholeslami: HVAC System
English. Inhaltliche Zusammenfassung: In this book, various aspects of heating, ventilation, and air-conditioning (HVAC) systems are investigated. HVAC systems are milestones of building mechanical systems that provide thermal comfort for occupants accompanied with indoor air quality. HVAC systems can be classified into central and local systems according to multiple zones, location, and distribution. Primary HVAC equipment includes heating equipment, ventilation equipment, and cooling or air-conditioning equipment. Central HVAC systems are located away from buildings in a central equipment room and deliver the conditioned air by a delivery ductwork system. Central HVAC systems contain all-air, air-water, or all-water systems. Two systems should be considered as central such as heating and cooling panels and water-source heat pumps.

⇒ Ausführliche Angaben: HT020309116

Kandelousi, Mohsen Sheikholeslami: Microfluidics and Nanofluidics
English. Inhaltliche Zusammenfassung: In the present book, various applications of microfluidics and nanofluidics are introduced. Microfluidics and nanofluidics span a broad array of disciplines including mechanical, materials, and electrical engineering, surface science, chemistry, physics and biology. Also, this book deals with transport and interactions of colloidal particles and biomolecules in microchannels, which have great importance to many microfluidic applications, such as drug delivery in life science, microchannel heat exchangers in electronic cooling, and food processing industry. Furthermore, this book focuses on a detailed description of the thermal transport behavior, challenges and implications that involve the development and use of HTFs under the influence of atomistic-scale structures and industrial applications.

⇒ Ausführliche Angaben: HT020308914

Kandelousi, Mohsen Sheikholeslami: Nanofluid Heat and Mass Transfer in Engineering Problems
English. Inhaltliche Zusammenfassung: In the present book, nanofluid heat and mass transfer in engineering problems are investigated. The use of additives in the base fluid like water or ethylene glycol is one of the techniques applied to augment heat transfer. Newly, innovative nanometer-sized particles have been dispersed in the base fluid in heat transfer fluids. The fluids containing the solid nanometer-sized particle dispersion are called nanofluids. At first, nanofluid heat and mass transfer over a stretching sheet are provided with various boundary conditions. Problems faced for simulating nanofluids are reported. Also, thermophysical properties of various nanofluids are presented. Nanofluid flow and heat transfer in the presence of magnetic field are investigated. Furthermore, applications for electrical and biomedical engineering are provided. Besides, applications of nanofluid in internal combustion engine are provided.

⇒ Ausführliche Angaben: HT020308184

Kandemirli, Fatma: Quantitative Structure-activity Relationship
English. Inhaltliche Zusammenfassung: The book, which is related to QSAR in sciences, is divided into five main chapters. The first chapter is the Introductory chapter. The second chapter aims to provide an update of the recent advances in the field of rational design of PDE
inhibitors. The third chapter includes designing a series of peptidic inhibitors that possessed a substrate transition-state analog and evaluating the structure-activity relationship of the designed inhibitors, based on docking and scoring, using the docking simulation software Molecular Operating Environment. The aim of the forth chapter is to develop structure-property relationships for the qualitative and quantitative prediction of the reverse-phase liquid chromatographic retention times of chlorogenic acids. The final chapter aims to determine the model of interactions between the natural compounds with anti-inflammatory molecular target by molecular docking analysis.

⇒ Ausführliche Angaben: HT020308399

Kanli, Ali Ismet: Applied Geophysics with Case Studies on Environmental, Exploration and Engineering Geophysics
English. Inhaltliche Zusammenfassung: This book provides a general introduction to the most important methods of applied geophysics with a variety of case studies. These methods represent a primary tool for investigation of the subsurface and are applicable to a very wide range of problems. Applied geophysics is based on physics principles that collect and interpret data on subsurface conditions for practical purposes, including oil and gas exploration, mineral prospecting, geothermal exploration, groundwater exploration, engineering applications, archeological interests, and environmental concerns. The depth of investigation into applied geophysics is shallow, typically from the ground surface to several kilometers deep, where economic, cultural, engineering, or environmental concerns often arise. Applied geophysics uses almost all of the current geophysical methods, including electrical, magnetic, electromagnetic, gravimetric, geothermal, seismic, seismoelectric, magnetotelluric, nuclear, and radioactive methods. In applied geophysics, geophysicists are usually required to have a good understanding of math and physics principles, knowledge of geology and computer skills, and hands-on experience of electronic instruments. A geophysicists routine job includes survey designs, data acquisition, data processing, and data interpretation with detailed explanation of the study. Applied geophysics consists of three main subject and interest areas, which are exploration geophysics, engineering geophysics, and environmental geophysics.

⇒ Ausführliche Angaben: HT020309409

Kaoud, Hussein Abdel hay El-Sayed: Tissue Regeneration
English. Inhaltliche Zusammenfassung: Tissue regeneration is a vast subject, with many different important aspects to consider. Regenerative medicine is a new branch of medicine that tries to change the course of chronic diseases and, in many cases, regenerates the organ systems that fail due to age, disease, damage, or genetic defects. The main purpose of this book is to point out the interest of some important topics of tissue regeneration and the progress in this field as well as the variety of different surgical fields and operations. This book includes 7 sections and 11 chapters that provide an overview of the essentials in tissue regeneration science and their potential applications in surgery. The authors of each chapter have given consolidated information on ground realities and attempted to provide a comprehensive knowledge of tissue engineering and regeneration. This book will be useful to researchers and students of biological and biomedical sciences (medical and veterinarian researchers).

⇒ Ausführliche Angaben: HT020308756

Kaoud, Hussein Abdelhay Elsayed: Canine Medicine - Recent Topics and Advanced Research
English. Inhaltliche Zusammenfassung: There is a possibility that during a pets lifetime, medication may be recommended to treat medical conditions or problems. This book Canine Medicine - Recent Topics and Advanced Research provides the knowledge in diagnosis and treatment of some important diseases and problems that the canines face. I believe that this book offers broader perspective to the readers in the recent advances in canine medicine,
starting from recent topics to application in clinical diagnosis and therapeutics for practitioners and veterinarians. The main purpose of the book is to point out the interest of some important topics of canine medicine and the progress in this field and to clear its importance in veterinary medicine.

⇒ Ausführliche Angaben: HT020309628

Kapadia, Asif / Pinto, Antonio / Maradona, Diego: Diego Maradona
⇒ Ein Medium
- Freihand:
⇒ Ausführliche Angaben: HT020312295

Kapetanovic, Izet M.: Drug Discovery and Development - Present and Future
English. Inhaltliche Zusammenfassung: Drug discovery and development process aims to make available medications that are safe and effective in improving the length and quality of life and relieving pain and suffering. However, the process is very complex, time consuming, resource intensive, requiring multi-disciplinary expertise and innovative approaches. There is a growing urgency to identify and develop more effective, efficient, and expedient ways to bring safe and effective products to the market. The drug discovery and development process relies on the utilization of relevant and robust tools, methods, models, and validated biomarkers that are predictive of clinical effects in terms of diagnosis, prevention, therapy, and prognosis. There is a growing emphasis on translational research, a bidirectional bench to the bedside approach, in an effort to improve the process efficiency and the need for further innovations. The authors in the book discuss the current and evolving state of drug discovery and development.
⇒ Ausführliche Angaben: HT020307818

Karádi, Oszkár / Mózsik, Gyula: Gastric Cancer
English. Inhaltliche Zusammenfassung: Gastric cancer remains an important issue in the world of oncology. In 2013, it ranked fifth by global incidence and second by mortality. Really, it is true that the death rates have decreased significantly in the USA and in Europe over the 100-year period; meanwhile, gastric cancer can be characterized by poor prognosis and high mortality, with the exception of early diagnosed patients. Oncological (basic and clinical) research increased extremely in the last decades (including gastric cancer). The authors participating in this book are internationally well-known experts from 11 countries of the world, working in different fields of gastric cancer research, and they summarize the results obtained in the last years. The conclusions of these abovementioned observations fall between the findings of classical prospective, randomized, multiclinical, multinational (and meta-analyzed) generally accepted studies (in accordance with the presently applied and internationally accepted protocols) and the scientifically-based (however individual) molecular targeting organ therapies. The book gathers experts in basic science, molecular pharmacologists, biochemical pharmacologists, basic and clinical oncologists, internists, surgeons, gastroenterologists, tumor pharmacologists as well as experts working in the field of oncology.
⇒ Ausführliche Angaben: HT020308435

Karahoca, Adem: Data Mining Applications in Engineering and Medicine
English. Inhaltliche Zusammenfassung: Data Mining Applications in Engineering and Medicine targets to help data miners who wish to apply different data mining techniques. Data mining generally covers areas of statistics, machine learning, data management and databases, pattern recognition, artificial intelligence, et cetera. In this book, most of the areas are covered by describing different applications. This is why you will find here why and how Data Mining can also be applied to the improvement of project management. Since Data Mining has
been widely used in a medical field, this book contains different chapters referring to some aspects and importance of its use in the mentioned field: Incorporating Domain Knowledge into Medical Image Mining, Data Mining Techniques in Pharmacovigilance, Electronic Documentation of Clinical Pharmacy Interventions in Hospitals et cetera. We hope that this book will inspire readers to pursue education and research in this emerging field.

⇒ Ausführliche Angaben: HT020307915

**Karakus, Selcan / Kilislioglu, Ayben: Molecular Self-assembly in Nanoscience and Nanotechnology**
English. Inhaltliche Zusammenfassung: Self-assembly is a common principle in molecular fabrication of natural and synthetic systems and has many important applications in the fields of nanoscience and nanotechnology. This book provides clear explanations of the principles of self-assembly with the limitations along with examples and research-based results with discussion for students, researchers, and professions.

⇒ Ausführliche Angaben: HT020308250

English. Inhaltliche Zusammenfassung: This book covers new systems in technology that have developed our knowledge of ion exchange. This book discusses ion exchange resins to enhance cell growth; anion exchange membrane; nanosystems in ion exchange and ion exchange in environmental applications. The ion exchange system is used in bionanotechnology, cosmetic industry and water treatment.

⇒ Ausführliche Angaben: HT020309104

**Karakus, Selcan: Science and Technology Behind Nanoemulsions**
English. Inhaltliche Zusammenfassung: This book covers new micro-/nanoemulsion systems in technology that has developed our knowledge of emulsion stability. The emulsion system is a major phenomenon in well-qualified products and has extensive usages in cosmetic industry, food industry, oil recovery, and mineral processes. In this book, readers will find recent studies, applications, and new technological developments on fundamental properties of emulsion systems.

⇒ Ausführliche Angaben: HT020308925

**Karamé, Iyad: Hydrogenation**
English. Inhaltliche Zusammenfassung: The domain of catalytic hydrogenation continues to grow fast, reflecting the wide range of chemical applications that can be enhanced by the easy use of molecular hydrogen. The advances in characterization techniques and their application have improved our understanding of the catalytic processes and mechanisms occurring in both homogeneous and heterogeneous catalysis. The aim of this volume, although not exhaustive, is to provide a general overview of new progress of the hydrogenation reactions. This volume comprises a series of various contributions, as reviews or original articles, treating heterogeneously and homogeneously catalyzed hydrogenation reactions. It is composed of three parts: hydrogenation reactions in fine organic chemistry, hydrogenation reactions in environmental chemistry and renewable energy, and special topics in hydrogenation.

⇒ Ausführliche Angaben: HT020309583

**Karan, Pradyumna P.: The Non-Western World**
English. Inhaltliche Zusammenfassung: Through a cross-cultural and multi-disciplinary approach, this introductory textbook focuses on critical issues of development, environment, and cultural conflicts facing most area of the non-Western world. Areas covered include China, Japan, Southeast Asia, the Indian subcontinent, the Middle East, and sub-Saharan Africa.
Karcioğlu, Özgür: Cardiac Diseases and Interventions in 21st Century
English. Inhaltliche Zusammenfassung: What should a book on cardiac diseases tell us about? We are not cardiologists in most instances, nor ordinary patients preparing to be catheterized. This book tries to explain to the average medical reader about the causes, diagnostic advances, and therapeutic opportunities in the context of cardiac diseases in the modern era. The topics covered in this project will enlighten research pathways while rendering clinicians practical solutions to everyday problems in recognition and management of these entities. In brief, students, nurses, paramedical personnel, researchers, junior doctors, and experienced practitioners will benefit from this book when translating theory into practice.
⇒ Ausführliche Angaben: HT020310095

Karkar, Ayman: Aspects in Continuous Renal Replacement Therapy
English. Inhaltliche Zusammenfassung: Continuous renal replacement therapy (CRRT) is a slow and smooth continuous extracorporeal blood purification process. It is usually implemented over 24 hours to several days with gentle removal of fluid overload and excess uremic toxins. CRRT, which is based on the physiological principles of diffusion, ultrafiltration, convection, and adsorption, can be performed as slow continuous ultrafiltration, continuous veno-venous hemofiltration, continuous veno-venous hemodiafiltration, and continuous veno-venous hemodialysis. Over many years, CRRT has been shown to be an effective dialysis therapy for hemodynamically unstable patients with acute kidney injury, brain injury, and/or multiorgan failure in intensive care units. Aspects in CRRT covers selected important topics with a practical approach to the management of different aspects of CRRT. All chapters have been updated and are well referenced, supported by well-illustrated figures and tables, and written by distinguished and experienced authors. Aspects in CRRT is considered as a guide to daily practice in intensive care units, and a reference for medical and nursing staff involved in taking care of critically ill patients with acute kidney injury, sepsis, and multiorgan failure.
⇒ Ausführliche Angaben: HT020309482

Karkar, Ayman: Aspects in Dialysis
English. Inhaltliche Zusammenfassung: Dialysis (clearance of uremic toxins and removal of excess fluids) is a broad term for different modalities of treatment for patients with acute and end-stage kidney disease. These modalities include peritoneal dialysis, hemodialysis, hemofiltration, hemodiafiltration, and continuous renal replacement therapy for critically ill patients with acute kidney injury. Dialysis is a lifesaving measure and can be conducted in hospitals, in dialysis clinics, and at home. Recently, dialysis techniques have witnessed tremendous improvements in technology and performance. The book Aspects in Dialysis covers important aspects of dialysis-related topics and is empowered with well-established and experienced authors, who have written clear and informative chapters. It covers various aspects of dialysis modalities supported by well-established clinical studies. Aspects in Dialysis can be considered as a guide for daily practice and a reference for medical and nursing staff involved in taking care of dialysis patients.
⇒ Ausführliche Angaben: HT020309344

Karlsson, Håkan / Hallenberg, Jan: Changing Transatlantic Security Relations
English. Inhaltliche Zusammenfassung: This new book shows how the idea of a strategic triangle can illuminate the security relationships among the United States, the European Union and Russia in the greater transatlantic sphere. This concept highlights how the relationships among these three actors may, on some issues, be closely related. A central question also
follows directly from the use of the notion of the triangle: does the EU have actor capability in this policy sphere or will it get it in the future? The reason this is so important for our project is that only if the Union is regarded by the two other actors, and regards itself, as an actor in security policy does the strategic triangle really exists. Consequently, this book has a strong focus upon the development of the actor capability of the Union. In the case of the United States, it examines to what extent the concept of the strategic triangle has significance under each of five grand strategies that serve as alternative visions of the superpower’s role in the world.

⇒ Ausführliche Angaben: HT020310294

**Kartal, Selda Pelin / Gonul, Muzeyyen: Acne and Acneiform Eruptions**
English. Inhaltliche Zusammenfassung: The aim of this book is to give readers a broad review of acne vulgaris and acneiform dermatoses, which may affect people from birth to death, and their treatment options. This book has a total of 14 chapters. The Introductory Review chapter focuses on the terms acne and acneiform, one of which is a multifactorial disease of pilosebaceous unit and the other refers to dermatoses, which resemble acne vulgaris clinically but have different etiopathogenesis. Other 13 chapters are created by experts in different fields like dermatology, dermatosurgery, pathology, and ophthalmology. This book is easy to read and it includes illustrations, tables, patient photographs, and histopathological slides to support the written text and to enhance the readers understanding. We are grateful to all the contributors and leading experts for their valuable chapters, which provide an in-depth view of all aspects of the content, backed with the most current literature in the field.

⇒ Ausführliche Angaben: HT020308185

**Kartal, Selda Pelin / Gonul, Muzeyyen: Behcets Disease**
English. Inhaltliche Zusammenfassung: Behcets disease is a multisystem inflammatory disease with unknown etiology and has a unique geographic distribution. It is characterized by recurrent oral aphthous lesions, recurrent uveitis, skin lesions, and genital ulcerations. However, it may involve the eye, joints, and cardiovascular, gastrointestinal, and neurological systems at varying degrees as well as the skin and mucous membranes. The disease may manifest itself in a wide spectrum of symptoms ranging from mild symptoms to life-threatening symptoms or severe symptoms that may create permanent sequelae. Knowing the nature of the disease will make it easier to diagnose and manage the disease. This book was written by expert authors, and detailed epidemiology, etiopathogenesis, mucocutaneous findings, and systemic involvement of Behcets disease are presented to readers.

⇒ Ausführliche Angaben: HT020308279

**Kartal, Selda Pelin / Kutlubay, Zekayi: A Comprehensive Review of Urticaria and Angioedema**
English. Inhaltliche Zusammenfassung: This book contains the latest advances and scientific knowledge from the leading experts in urticaria and angioedema. The book consists of 15 chapters in which urticaria classification, urticaria etiopathogenesis, urticaria clinics, urticarial syndromes, angioedemas, diagnosis, pathogenesis and pathophysiology of urticaria, and treatment options are discussed. This book also emphasizes on the various laboratory tests necessary for urticarias. One chapter of the book is devoted to comorbidities in chronic spontaneous urticaria. Another chapter is related with pathophysiology and treatment of hereditary angioedema. We are grateful to all the contributors and leading experts for their valuable chapters, which provide an in-depth view of all aspects of the content, backed with the most current literature in the field. We hope that this book will provide interesting knowledge and serve as a comprehensive guide to many physicians dealing with urticaria and angioedemas in their clinical practice.

⇒ Ausführliche Angaben: HT020308274

**Karunaratne, Desiree Nedra: The Complex World of Polysaccharides**
The complex world of polysaccharides is a compilation of the characteristics of a variety of polysaccharides from plants, animals and microorganisms. The diversity of these polysaccharides arises from the structural variations and the monosaccharide content which is under genetic control. The chemical and physical properties have made them useful in many pharmaceutical, food and industrial applications. These properties of the polysaccharides determine their biological activity and their function in various applications. The role played by polysaccharides in preservation and protection of food, as carriers of nutrients and drugs, their ability to interact with molecules both for efficient delivery as well as improving textures of food colloids and their use as therapeutics are some of the functions discussed.
it occur and what can be done about it? These questions constitute what epidemiology is all about, and their precise and comprehensive answers can transform lives and help us have the right perceptions for the health challenges we face and accept the possibility of dealing with them directly.

⇒ Ausführliche Angaben: HT020309624

**Kassotis, John: The Role of the Clinical Cardiac Electrophysiologist in the Management of Congestive Heart Failure**


English. Inhaltliche Zusammenfassung: The world of clinical cardiac electrophysiology continues to evolve with newer and more advanced technologies to better serve our patients. In this book, titled The Role of the Clinical Cardiac Electrophysiologist in the Management of Congestive Heart Failure, authors from around the world have contributed their thoughts. Various chapters describing the use of biventricular pacing devices (CRT) in the management of patients suffering from systolic heart failure are included, with a chapter dedicated to management of CRT. A chapter describing the role of CRT in patients with Chagas disease is included. Authors describe the newer pharmaceuticals in the management of this disease and the role of catheter ablation in the management of atrial fibrillation and other arrhythmias. These topics are of great interest to clinicians at the various levels of training, and I believe this textbook gives a flavor of the expanding role of the electrophysiologist in the management of an ever-expanding patient population.

⇒ Ausführliche Angaben: HT020308153

**Kaswamila, Abiud: Land Degradation and Desertification - a Global Crisis**


English. Inhaltliche Zusammenfassung: Land degradation which is caused by multiple forces-extreme weather conditions and anthropogenic activities that pollute or degrade the quality of soils and land utility-negatively affects food production, livelihoods, and the provision of other ecosystem goods and services. Land degradation can also lead to climate change and affect human health. The problem is more pronounced in least developing countries due to over-dependence of natural resources for survival. Sustainable ways to reduce land degradation and desertification demand research and advocacy of sustainable land management practices. This book is organized into two sections. The first section covers three major aspects, viz., an understanding of patterns of land degradation and desertification for developing mitigation strategies, land-atmosphere interaction from response of land cover to climate change effects of Karst rocky desertification, and the effect of unprecedented human activity into land degradation and desertification processes using natural and human-induced landscape research. The last section dwells on the relationship between soil degradation and crop production and an examination on how land degradation impacts the quality of soil in communal rangelands. Environmentalists, land-use planners, ecologists, pedologists, researchers, and graduate students will find this book to be an essential resource.

⇒ Ausführliche Angaben: HT020309618

**Katkov, Igor I.: Current Frontiers in Cryobiology**


English. Inhaltliche Zusammenfassung: Almost a decade has passed since the last textbook on the science of cryobiology, Life in the Frozen State, was published. Recently, there have been some serious tectonic shifts in cryobiology which were perhaps not seen on the surface but will have a profound effect on both the future of cryobiology and the development of new cryopreservation methods. We feel that it is time to revise the previous paradigms and dogmas, discuss the conceptually new cryobiological ideas, and introduce the recently emerged practical protocols for cryopreservation. The present books, Current Frontiers in Cryobiology and Current Frontiers in Cryopreservation will serve the purpose. This is a global effort by scientists from 27 countries from all continents and we hope it will be interesting to a wide audience.

⇒ Ausführliche Angaben: HT020307876
Katkov, Igor I.: Current Frontiers in Cryopreservation
English. Inhaltliche Zusammenfassung: Almost a decade has passed since the last textbook on the science of cryobiology, Life in the Frozen State, was published. Recently, there have been some serious tectonic shifts in cryobiology which were perhaps not seen on the surface but will have a profound effect on both the future of cryobiology and the development of new cryopreservation methods. We feel that it is time to revise the previous paradigms and dogmas, discuss the conceptually new cryobiological ideas, and introduce the recently emerged practical protocols for cryopreservation. The present books, Current Frontiers in Cryobiology and Current Frontiers in Cryopreservation will serve the purpose. This is a global effort by scientists from 27 countries from all continents and we hope it will be interesting to a wide audience.
⇒ Ausführliche Angaben: HT020307879

Kaufmann, Otto / Hohnerlein, Eva Maria / Becker, Ulrich: Die dritte Generation
⇒ Ausführliche Angaben: HT020307577

English. Inhaltliche Zusammenfassung: Intra-Asian trade is a major theme of recent writing on Asian economic history. From the second half of the nineteenth century, intra-Asian trade flows linked Asia into an integrated economic system, with reciprocal benefits for all participants. But although this was a network from which all gained, there was also considerable inter-Asian competition between Asian producers for these Asian markets, and those of the wider world. This collection presents captivating snap-shots of trade in specific commodities, alongside chapters comprehensively covering the region. The book covers: China’s relative backwardness, Japanese copper exports, Japan’s fur trade, Siam’s luxury rice trade, Korea, Japanese shipbuilding, the silk trade, the refined sugar trade, competition in the rice trade, the Japanese cotton textile trade to Africa, multilateral settlements in Asia, the cotton textile trade to Britain, and the growth of the palm oil industry in Malaysia and Indonesia. The opening of.
⇒ Ausführliche Angaben: HT020310218

Kawarada, Osami / Higashimori, Akihiro / Fujihara, Masahiko: Angiography and Endovascular Therapy for Peripheral Artery Disease
English. Inhaltliche Zusammenfassung: This textbook on Angiography and Endovascular Therapy for Peripheral Artery Disease provides a comprehensive angiographic approach to assess and determine optimal treatment strategies for peripheral artery disease (PAD). Each chapter focuses on angiography as it relates to the outcomes of endovascular work. It is an overview of
the results obtained from a large number of actual cases with over 100 angiographic images of aortoiliac, femoropopliteal, below-the-knee, and below-the-ankle artery disease. Diagnostic and angiographic images of nonatherosclerotic PAD are also included. Anyone who is engaged in or preparing to engage in endovascular work for PAD should find this book useful as a reference and as an instruction material.

⇒ Ausführliche Angaben: HT020308194

Kayembe, Jean-Marie Ntumba: Tuberculosis
English. Inhaltliche Zusammenfassung: Tuberculosis is an ancient disease with a high incidence and mortality rate, unequally distributed worldwide. Epidemiological indicators, but also risk factors, play a key role in the natural history of the disease and need to be regularly addressed. Low and middle income countries are not prepared for appropriate response and are also the most affected. The incidence of this extrapulmonary disease is far from being clearly established. Epidemiological studies in different geographical areas will help in this field.

⇒ Ausführliche Angaben: HT020309027

Kazi, Salim Newaz: Pulp and Paper Processing
English. Inhaltliche Zusammenfassung: This book gives emphasis to wood fiber raw materials, alternative sources of fibers for paper production, environmental issues, paper quality improvement and cost of paper production. Varieties of non-wood raw materials, including kenaf, rice straw, empty fruit bunches of palm trees, bamboo, bagasse, et cetera, are considered in this book. The process of fiber treatment also varied to meet paper quality improvement. Different organosolv processes of fiber treatment are discussed. Considering contemporary issues, one particular chapter analyzes the environmentally friendly way of processing non-wood fibers for paper production. The book also contains a chapter on the by-product raw materials of paper production and their profitable applications.

⇒ Ausführliche Angaben: HT020309030

Kazmiruk, Viacheslav: Scanning Electron Microscopy
English. Inhaltliche Zusammenfassung: Today, an individual would be hard-pressed to find any science field that does not employ methods and instruments based on the use of fine focused electron and ion beams. Well instrumented and supplemented with advanced methods and techniques, SEMs provide possibilities not only of surface imaging but quantitative measurement of object topologies, local electrophysical characteristics of semiconductor structures and performing elemental analysis. Moreover, a fine focused e-beam is widely used for the creation of micro and nanostructures. The books approach covers both theoretical and practical issues related to scanning electron microscopy. The book has 41 chapters, divided into six sections: Instrumentation, Methodology, Biology, Medicine, Material Science, Nanostructured Materials for Electronic Industry, Thin Films, Membranes, Ceramic, Geoscience, and Mineralogy. Each chapter, written by different authors, is a complete work which presupposes that readers have some background knowledge on the subject.

⇒ Ausführliche Angaben: HT020307874

Keating, Jennifer / Campbell, Courtney J. / Giovine, Allegra: Empty Spaces: perspectives on emptiness in modern history
eng. Inhaltliche Zusammenfassung: How is emptiness made and what historical purpose does it serve? What cultural, material and natural work goes into maintaining.

⇒ Ausführliche Angaben: HT020309725

Keil, Bruno: Anonymus Argentinensis. Fragmente zur Geschichte des pe- rikleischen Athen aus einem Strassburger Papyrus
German.
Kell, Harrison J. / Lang, Jonas: The Great Debate: General Ability and Specific Abilities in the Prediction of Important Outcomes
eng. Inhaltsliche Zusammenfassung: There are many different theories of intelligence. Although these theories differ in their nuances, nearly all agree that there are multiple cognitive abilities and that they differ in the breadth of content they are typically associated with. There is much less agreement about the relative importance of cognitive abilities of differing generality for predicting important real-world outcomes, such as educational achievement, career success, job performance, and health. Some investigators believe that narrower abilities hold little predictive power once general abilities have been accounted for. Other investigators contend that specific abilities are often as-or even more-effective in forecasting many practical variables as general abilities. These disagreements often turn on differences of theory and methodology that are both subtle and complex. The five cutting-edge contributions in this volume, both empirical and theoretical, advance the conversation in this vigorous, and highly important, scientific debate.

Keller-Kemmerer, Nina: Die Mimikry des Völkerrechts
DE. Inhaltsliche Zusammenfassung: To this day, the history of international law is dominated by a Eurocentric historiography in which non-European worlds play a passive role at best. Master narratives of universalisation and progress may include their histories; however, they appear not in the form of actors, but as mere receivers. By analysing the first Hispano-American textbook on international law, this transdisciplinary study questions this narrative of passivity. In his compendium, published in 1833, the Chilean polymath Andrés Bello translated European doctrines of international law for use in the context of the “New World”. Using a postcolonial approach, the study demonstrates that the imitation of the European discourse on international law was not a purely passive and submissive act, but deeply ambivalent behaviour which opens up a space for resistance and is reminiscent of Homi K. Bhabha’s concept of mimicry.

Kellner, Birgit: Buddhism and the Dynamics of Transculturality. New Approaches
English. Inhaltsliche Zusammenfassung: For over 2500 years, Buddhism was implicated in processes of cultural interaction that in turn shaped Buddhist doctrines, practices and institutions. While the cultural plurality of Buddhism has often been remarked upon, the transcultural processes that constitute this plurality, and their long-term effects, have scarcely been studied as a topic in their own right. The contributions to this volume present detailed case studies ranging across different time periods, regions and disciplines, and they address methodological challenges as well as theoretical problems. In addition to casting a spotlight on topics as diverse as the role of trade contacts in the early spread of Buddhism, the hybrid
nature of religious practices in Japan or Indo-Tibetan relations in Tibetan polemical literature, the individual papers jointly raise the question as to whether there might be something distinct about how Buddhism steers and influences forms of cultural exchange, and is in turn shaped by modalities of cultural interaction throughout Asian, as well as global, history. The volume is intended to demonstrate the need for investigating transcultural dynamics more closely in the study of Buddhism, and to suggest new avenues for Buddhist Studies.

Kelly, Graham: Terrace Heroes
English. Inhaltliche Zusammenfassung: The 1930s saw the birth of the football idol - prototype for today's powerful media sport stars. The players of the 1930s were the first generation of professionals, yet until recently the life and careers of footballers of this generation has been little studied. In 1930s Britain, football became increasingly commercialized, and the rise and development of both local and national media enabled players to become widely recognized outside of their immediate local context for the first time. Tracing the origins, playing careers and afterlives of several First Division players of the era, Graham Kelly's revealing history explores the reality of living in Britain between the wars and draws interesting comparisons with lives of the modern football hero today.

Kennedy, Tanya Ann: Keeping up Her Geography
English. Inhaltliche Zusammenfassung: Recently, literary critics and some historians have argued that to use the language of separate spheres is to mistake fiction for reality. However, the tendency in this criticism is to ignore the work of feminist political theorists who argue that a range of ideologies of the public and private consistently work to mask gender inequalities. In Keeping Up Her Geography, Tanya Ann Kennedy argues that these inequalities are shaped by multiple, but interconnected, spatial constructions of the public and private in US culture. Moreover, the early twentieth century when key spatial concepts - the nation, the urban, the regional, and the domestic - were being redefined is a pivotal era for understanding how the public-private binary remains tenaciously central to the defining of gender. Keeping Up Her Geography shows that this is the case in a range of literary and cultural contexts: in feminist speeches at the World's Columbian Exposition, in middle-class women's urban reform texts, in southern writer Ellen Glasgow's novels, and in the autobiographical narratives of Zora Neale Hurston and Agnes Smedley.

Kennon, Donald / Finkelman, Paul: Ending the Civil War and Consequences for Congress
English. Inhaltliche Zusammenfassung: This collection explores the closing months and weeks of the Civil War and its implications for Congress in the postwar nation. Topics include ratification of the Fourteenth Amendment; Sherman's March and the laws of war; commemoration of the Civil War after 100 and 150 years; sectionalism, the Fourteenth Amendment, and the end of popular constitutionalism; treatment of federal prisoners of war; the refugee crisis at the end of the war and in the Reconstruction period; and the postbellum U.S. economy.

Képhaliacos, Charilaos / Merri, Maryvonne: Nouvelles raisons d'agir des acteurs de la pêche et de l'agriculture
French. Inhaltliche Zusammenfassung: Faced with advancing technology and their entitlement to exploit this living resource, farmers and fishermen are questioning their very livelihood and how to change it. This book examines elements contributing to the reasons to take
action: debates on renewable resources, decisions regarding their profession and its transmission to new generations, new division of labor.

⇒ Ausführliche Angaben: HT020307523

**Kersting, Wolfgang: Rechtsphilosophische Probleme des Sozialstaats**


⇒ Ausführliche Angaben: HT020307473

**Key, Mary Ritchie: Nonverbal Communication Today**

English.

⇒ Ausführliche Angaben: HT020309977

**Khajah, Maitham Abbas: Role of Neutrophils in Disease Pathogenesis**

English. Inhaltliche Zusammenfassung: This book highlights the important role of neutrophils in health as well as in the pathogenesis of various diseases. Section 1 provides a general background information regarding the mechanisms and various triggers of neutrophil extracellular traps (NETs) formation and their role in various infectious and noninfectious diseases (such as postinjury inflammation). Section 2 provides recent evidence regarding the role of neutrophils in the pathogenesis as well as a therapeutic target for selected disease conditions such as periodontal diseases, rheumatoid arthritis, and cystic fibrosis. Section 3 describes the anti-inflammatory properties of neutrophils with focus regarding their role in graft versus host disease. This book provides a wider picture with regard to the importance of this immune cell type in various diseases with focus on one of its recently discovered properties, NETs. Therapeutic targets aimed to modulate neutrophil functions might provide novel approaches in the treatment of various diseases of infectious and noninfectious origin.

⇒ Ausführliche Angaben: HT020308282

**Khajah, Maitham: Neutrophils**

English. Inhaltliche Zusammenfassung: This book highlights the numerous important properties of neutrophils and their role in various diseases, and as a possible therapeutic target as well. The first chapter briefly discusses the main effector neutrophil functions, which is followed by two chapters discussing the importance of different neutrophil receptors (cannabinoid and Fc?R) and their role in various disease conditions. The fourth chapter discusses the differential expression profile of CD16+CD11b+ on the surface of neutrophils as a tool for the diagnosis of acute infections. The last chapter discusses the physics of the NADPH oxidase system and the use of different chemiluminogenic probes for the detection of various reactive oxygen intermediates of the circulating neutrophils.

⇒ Ausführliche Angaben: HT020309230
Khalid, Mohammed Awad Ali: Redox - Principles and Advanced Applications
English. Inhaltliche Zusammenfassung: Redox reactions are central to the major element cycling, many cell cycles, many chemisorption and physisorption processes, trace element mobility from rocks and sediments toward wells, aquifers, trace element toxicity toward life forms, and most remediation schemes including water treatments; over the last three decades, the field has attracted a lot of scientists, and a great deal of researches has been done in redox chemistry. This book provides a very broad overview of the state of the art of understanding redox processes, which starts with giving a concise introduction that describes the origin, historical background, and the development of the redox definitions. The book is organized into two sections that include ten chapters and introduces, in Section 1, generalized electron balance theory and its applications in electrolytic redox systems, redox-active molecules and its applications in device memory, fundamentals and applications of flow batteries and their integration into antidirect current, and donor acceptor titrations of displacement and electronic transference. Section 2 introduces redox in biological processes, including roles of reactive oxygen species in respiration, metabolism, and regulations, and redox in physiological processes as redox-sensitive TRP channels TRPA1 and TRPM2. All chapters are written by different authors (with the exception of Chapter 1 [Introduction]). This clearly reflects the broad range of topics that have been covered by experts in the field.
⇒ Ausführliche Angaben: HT020308424

Khan, Jesmine: Current Topics in Anemia
English. Inhaltliche Zusammenfassung: This book deals with a very common condition, anemia, which might interest not only the physicians but also other healthcare professionals and researchers dealing with anemic patients. The objective of this book was to collect and compile up-to-date information from reputable researchers of different countries of the world to disseminate the latest information about the common types of anemia in some specific physiological and pathological conditions including pathophysiology and the use of algorithms as a tool to minimize the laboratory tests and accurate diagnosis of the underlying cause. In total, there are 13 chapters in this book where the authors shared their research findings and real-life experiences in managing their patients with anemia.
⇒ Ausführliche Angaben: HT020308561

Khan, Mohammad W. / Singh, Aditi: Modulating Gene Expression - Ab- rigiding the RNAi and CRISPR-Cas9 Technologies
English. Inhaltliche Zusammenfassung: RNA interference (RNAi) is a widely used technology for gene silencing and has become a key tool in a myriad of research and lead discoveries. In recent years, the mechanism of RNAi agents has been well investigated, and the technique has been optimized for better effectiveness and safety. On the other hand, the clustered regularly interspaced short palindromic repeats (CRISPR)-associated Cas9/gRNA system is a recent, novel, targeted genome-editing technique derived from the bacterial immune system. Recent advances in gene-editing research and technologies have enabled the CRISPR Cas9 system to become a popular tool for sequence-specific gene editing to correct and modify eukaryotic systems. In this book, we will focus on the mechanisms, applications, regulations (their pros and cons), and various ways in which RNAi-based methods and CRISPR-Cas9 technology have stimulated the modulation of gene expression, thereby making them a promising therapeutic tool to treat and prevent complex diseases and disorders.
⇒ Ausführliche Angaben: HT020309401

Khan, Shaukat Ali / Javaid, Muhammad Salik: Aquifers - Matrix and Fluids
English. Inhaltliche Zusammenfassung: The rock matrix and the fluids contained therein define the aquifer as a whole, the custodian of continuity of life on this planet Earth. Its sustainable development, equitable utilization, quality maintenance, and balanced discharge and recharge are the essential elements to ensure that the next generation receives the resource baton passed on by the current generation. Spanning across the political and regional frontiers, transboundary aquifers have the potential to provide a unifying platform to the participatory nations. The common good of water can be enhanced by synergized research, data and knowledge sharing, joint development ventures, and hazard mitigation. Covering the multifarious facets of aquifers, this book will form an essential and interesting reading for all stakeholders—researchers, engineers, academia, intelligentsia, and the common consumer.

⇒ Ausführliche Angaben: HT020308889

Khan, Tapan Kumar: Biomarker
English. Inhaltliche Zusammenfassung: Clinicians, scientists, and health care professionals use biomarkers or biological markers as a measure of a person’s present health condition or response to interventions. An ideal biomarker should have the following criteria: (I) ability to detect fundamental features of the disease, (II) ability to differentiate from other closely related diseases, (III) ability to detect early stages and stages of progression, (IV) the method should be highly reliable, easy to perform and inexpensive, and (V) sample sources should be easily accessible from body. Most of the chapters in this book follow the basic principle of biomarkers.

⇒ Ausführliche Angaben: HT020307903

Khan, Wahid Ali: Autoantibodies and Cytokines
English. Inhaltliche Zusammenfassung: The mechanism of autoantibodies cannot be explained without the detailed knowledge of cytokines and interferon. These active molecules of immunology are very much dependent on each other and their function cannot be completed without their interaction towards each other. Currently, this the most updated book on this subject that helps the readers/students to upgrade their knowledge by going through chapter by chapter. Contribution by the renowned authors across the globe makes this book really unique and consider as one of the most updated textbook on this subject. This book provides a comprehensive guide to the function and types of autoantibodies and cytokines in basic and clinical field.

⇒ Ausführliche Angaben: HT020309339

Khan, Wahid Ali: Estrogen
English. Inhaltliche Zusammenfassung: This short book contains the most up to date thinking on estrogen and its related functions. Here, the reader will find thoughtful writings on various topics by renowned authors in their respective fields. This book aims to serve as a compressive guide on estrogen function.

⇒ Ausführliche Angaben: HT020309429

Khan, Wahid Ali: Lupus
English. Inhaltliche Zusammenfassung: Lupus is a new book that will serve as perfect update to lupus for all those who are studying/working at different levels starting from graduate students up to senior investigators. This book provides a comprehensive guide to the latest issues and new developments in the field of lupus. The contents are based on different authors extensive research experience in lupus whether for basic or clinical specialties. Divided into four sections, each one covers the basic concept that will be equally valuable both for the expert and for those who are beginners in this field.

⇒ Ausführliche Angaben: HT020308269
Khan, Wahid Ali: Newest Updates in Rheumatology
English. Inhaltliche Zusammenfassung: This book is a comprehensive guide to rheumatology and includes all possible topics. The book is ideal for all those interested in the field of rheumatology, including students, scientists, and postdocs.
⇒ Ausführliche Angaben: HT020309098

Khanna, Rita: Wettability and Interfacial Phenomena - Implications for Material Processing
English. Inhaltliche Zusammenfassung: Wettability at the solid/liquid interface, its dynamics, tunability, the influence of operating parameters, surface and interfacial phenomena play an increasingly significant role in a wide variety of applications, for example, material processing, nanotechnology, oil recovery, oil spills, chemical leaching, water management, and disease transmission. Although a mature field, it is experiencing dramatic developments on several fronts with emerging applications in new fields. This book presents a collection of eight chapters on nanoscale wetting phenomena, oil extraction from reservoir rocks, the role of coatings, particle morphology, surface roughness and viscosity in metal processing, and practical applications of superhydrophobic behaviour in cell culturing, isolation, anti-icing, anti-reflective and anti-corrosion coatings in the transportation and optical devices fields.
⇒ Ausführliche Angaben: HT020309387

Khatib, Mutamed / Salman, Nael: Mobile Computing - Technology and Applications
English. Inhaltliche Zusammenfassung: Nowadays, mobile communication services are penetrating into our society at an explosive growth rate. Applications in mobile devices offer limitations, restriction, and guidelines on how mobile software can be used in order to simplify the mobile usage. As smart phones and tablets are becoming the daily computing device of choice for young ages, it is expected that mobile applications and services should be as flexible, high quality, and secure as the desktop systems. In this book, latest trends in mobile computing will be discussed. In the first section, cloud computing topics will be discussed widely into four chapters to give information to the reader about topics such as challenges, services, edge computing, and distributed clouds needed to integrate this promising issue into the next generation.
⇒ Ausführliche Angaben: HT020308751

Kheshti, Mostafa / Waffenschmidt, Eberhard / Nayeripour, Majid: Smart Microgrids
English. Inhaltliche Zusammenfassung: Public support and feed-in tariff as a nonvariable compensation for the electric power production of energy have suppressed the risky investment of distributed generators (DGs) in smart distribution systems (SDSs). Although the using renewable energy technologies and the incorporation of plug-in DGs into SDS may have positive effects on congestion management, power loss reduction, and sustainability, they may create some difficulties relating to manage the system optimally by considering the intermittency of renewable resources in power production and uncertainties. Many researches have been carried out to deliver the high-quality power to the end-users with acceptable reliability. This book aims to present the recent materials related to the smart microgrids and the management of intermittent renewable energy sources that organized into seven chapters.
⇒ Ausführliche Angaben: HT020308834

Khodor, Maher / Wassmann, Hansdetlef / Assaad, Fawaz: Pituitary Diseases
English. Inhaltliche Zusammenfassung: This book is a very provocative addition to the literature on pituitary diseases, it delivers lots of stimulating work and offers rich scientific material for readers in different disciplines. The book provides a detailed update on current diagnostic and therapeutic techniques useful in the management of pituitary diseases. Microsurgical surgery, medical treatment, and radiotherapy has been used in the last decades; however, the prediction of post-medical, postsurgical treatment, and post-radiotherapy treatment is still controversial. The book contents reflect the multidisciplinary approach needed for patients with pituitary diseases with contribution from neurosurgeons, endocrinologists, neurologists, radiologists, ophthalmologists, pathologists, and radiation oncologists. The book focuses on some pituitary diseases especially the most controversial subjects in the medical and surgical treatment such as dedicated surgical technique by huge pituitary adenoma, the management of celiac patients with growth failure, pituitary apoplexy, neuro ophthalmology findings in pituitary disease, and the immunohistochemical studies in pituitary adenomas, moreover there is a special chapter about transoral robotic surgery (TORS) with the da Vinci system.

⇒ Ausführliche Angaben: HT020309286

Kiel, Stephanie / Kemper, Philipp: Stressfrei leben - schmerzfrei leben

⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 610DNB 610DNB
⇒ DDC (Dewey Decimal Classification):
  - 61023sdnb 61023sdnb
⇒ Ausführliche Angaben: HT020312459

Kierkegaard, Sören: Über den Begriff der Ironie. Mit ständiger Rücksicht auf Sokrates

⇒ Ausführliche Angaben: HT020310044

Kilislioglu, Ayben: Ion Exchange Technologies
2012. 1 electronic resource (378 pages). ISBN 9789535108368, ISBN 9789535142652 English. Inhaltliche Zusammenfassung: This book contains information about the technological development of ion exchange in their application for industrial processes. Widely used and well known fields of ion exchange like chromatography and electromembrane technology are described in this book with experimental details. Designing new materials for nanotechnology and nanomaterials as ion exchanger are also explained by experimental proofs. Ion exchange book is suitable not only for postgraduate students but also for researchers in chemistry, biochemistry and chemical technology.

⇒ Ausführliche Angaben: HT020307933

Kim, Annabel: Unbecoming Language
2018. 1 electronic resource ( pages). ISBN 9780814213841, ISBN 9780814255018 English. Inhaltliche Zusammenfassung: In Unbecoming Language, Annabel L. Kim examines a corpus of French literature writing against difference. Inaugurated by Nathalie Sarraute and sustained in the work of Monique Wittig and Anne Garrêta, this corpus highlights three generations of the twentieth and recent twenty-first centuries and the direct chain of influence between them. Kim considers these writers, and the story of literature’s political potential, as a way of rereading and reinterpreting each writer’s individual corpus-rearticulating the strain of anti-difference feminist thought that has been largely forgotten in our (Anglo-American) histories of French feminisms.

⇒ Ausführliche Angaben: HT020310050
**Kim, Donghyun: Magnetic Resonance Spectroscopy**
English. Inhaltliche Zusammenfassung: Magnetic Resonance Spectroscopy (MRS) is a unique tool to probe the biochemistry in vivo providing metabolic information non-invasively. Applications using MRS has been found over a broad spectrum in investigating the underlying structures of compounds as well as in determining disease states. In this book, topics of MRS both relevant to the clinic and also those that are beyond the clinical arena are covered. The book consists of two sections. The first section is entitled MRS inside the clinic and is focused on clinical applications of MRS while the second section is entitled MRS beyond the clinic and discusses applications of MRS in other academic fields. Our hope is that through this book, readers can understand the broad applications that NMR and MRS can offer and also that there are enough references to guide the readers for further study in this important topic.

⇒ Ausführliche Angaben: HT020307870

**Kim, Eun-jin: Intermittency and Self-Organisation in Turbulence and Statistical Mechanics**
2019. 1 electronic resource (298 pages). ISBN 9783039211081, ISBN 9783039211098 eng. Inhaltliche Zusammenfassung: There is overwhelming evidence, from laboratory experiments, observations, and computational studies, that coherent structures can cause intermittent transport, dramatically enhancing transport. A proper description of this intermittent phenomenon, however, is extremely difficult, requiring a new non-perturbative theory, such as statistical description. Furthermore, multi-scale interactions are responsible for inevitably complex dynamics in strongly non-equilibrium systems, a proper understanding of which remains a main challenge in classical physics. As a remarkable consequence of multi-scale interaction, a quasi-equilibrium state (the so-called self-organisation) can however be maintained. This special issue aims to present different theories of statistical mechanics to understand this challenging multiscale problem in turbulence. The 14 contributions to this Special issue focus on the various aspects of intermittency, coherent structures, self-organisation, bifurcation and nonlocality. Given the ubiquity of turbulence, the contributions cover a broad range of systems covering laboratory fluids (channel flow, the Von Kármán flow), plasmas (magnetic fusion), laser cavity, wind turbine, air flow around a high-speed train, solar wind and industrial application.

⇒ Ausführliche Angaben: HT020307424

**Kim, Jae-Jin: Virtual Reality**
English. Inhaltliche Zusammenfassung: Technological advancement in graphics and other human motion tracking hardware has promoted pushing virtual reality closer to reality and thus usage of virtual reality has been extended to various fields. The most typical fields for the application of virtual reality are medicine and engineering. The reviews in this book describe the latest virtual reality-related knowledge in these two fields such as: advanced human-computer interaction and virtual reality technologies, evaluation tools for cognition and behavior, medical and surgical treatment, neuroscience and neuro-rehabilitation, assistant tools for overcoming mental illnesses, educational and industrial uses. In addition, the considerations for virtual worlds in human society are discussed. This book will serve as a state-of-the-art resource for researchers who are interested in developing a beneficial technology for human society.

⇒ Ausführliche Angaben: HT020307688

**Kim, Ki Young: Plasmonics - Principles and Applications**
English. Inhaltliche Zusammenfassung: The title of this book, Plasmonics: Principles and Applications, encompasses theory, technical issues, and practical applications which are of interest for diverse classes of the plasmonics. The book is a collection of the contemporary researches and developments in the area of plasmonics technology. It consists of 21 chapters that focus on interesting topics of modeling and computational methods, plasmonic structures for light transmission, focusing, and guiding, emerging concepts, and applications.
Kim, Ki Young: Recent Optical and Photonic Technologies
English. Inhaltliche Zusammenfassung: Research and development in modern optical and photonic technologies have witnessed quite fast growing advancements in various fundamental and application areas due to availability of novel fabrication and measurement techniques, advanced numerical simulation tools and methods, as well as due to the increasing practical demands. The recent advancements have also been accompanied by the appearance of various interdisciplinary topics. The book attempts to put together state-of-the-art research and development in optical and photonic technologies. It consists of 21 chapters that focus on interesting four topics of photonic crystals (first 5 chapters), THz techniques and applications (next 7 chapters), nanoscale optical techniques and applications (next 5 chapters), and optical trapping and manipulation (last 4 chapters), in which a fundamental theory, numerical simulation techniques, measurement techniques and methods, and various application examples are considered. This book deals with recent and advanced research results and comprehensive reviews on optical and photonic technologies covering the aforementioned topics. I believe that the advanced techniques and research described here may also be applicable to other contemporary research areas in optical and photonic technologies. Thus, I hope the readers will be inspired to start or to improve further their own research and technologies and to expand potential applications. I would like to express my sincere gratitude to all the authors for their outstanding contributions to this book.

Kim, Ki Young: Wireless Power Transfer - Principles and Engineering Explorations
English. Inhaltliche Zusammenfassung: The title of this book, Wireless Power Transfer: Principles and Engineering Explorations, encompasses theory and engineering technology, which are of interest for diverse classes of wireless power transfer. This book is a collection of contemporary research and developments in the area of wireless power transfer technology. It consists of 13 chapters that focus on interesting topics of wireless power links, and several system issues in which analytical methodologies, numerical simulation techniques, measurement techniques and methods, and applicable examples are investigated.

Kimatu, Josphert Ngu: Advances in Plant Pathology
English. Inhaltliche Zusammenfassung: Plant pathology deals mainly with biotic phenomena that interfere with the normal metabolism of plants. Plants have developed mechanisms to deal with pathogenic attacks, while at the same time, pathogens are actively devising ways of overcoming the plant defense systems. Plant pathologists have been advancing their studies from morphological and physiological to now molecular studies at the gene level. There are various approaches for different microorganisms and plants. This makes the study of plant pathology diverse. This book, Advances in Plant Pathology, attempts to investigate advances in viral, fungal, bacterial, and other diagnostic molecular approaches in various plants.

King, Helen: Hippocrates Now
English. Inhaltliche Zusammenfassung: This book challenges widespread assumptions about Hippocrates (and, in the process, about ancient Greek medicine) and will also explore the creation of modern myths about the ancient world. Through the lens of reception studies Helen King considers what ’Hippocrates’ means today. He features powerfully in our assumptions about ancient medicine, and our beliefs about what medicine - and the physician himself -
should be. In ethics, as well as in actual treatments recommended by both orthodox and alternative medicine, ‘Hippocrates’ still features as a model to be emulated. Why do we continue to use him in this way, and how are new myths constructed around his name? And what can this tell us about popular engagements with the classical world today?

⇒ Ausführliche Angaben: HT020310434

Kirali, Kaan: Aortic Aneurysm
English. Inhaltliche Zusammenfassung: Aortic aneurysms are very silent, insidious, and sudden complicated pathologies with high incidence of sudden death. The aorta has several different parts, which are affected by aneurysmal pathology independently and separately or conjointly. Preventive medicine and determinative genetic heritage are the first steps during diagnosis and precaution. Preventive screening of the general population seems the best way for diagnosing early asymptomatic aneurysms with increased health cost. Because sudden death is the first symptom of aortic aneurysms, early interventional treatment is essential to protect fatal complications. In spite of open surgical repair which is the standard procedure, isolated or hybrid endovascular approaches are used widespread in the last decade due to reduction of procedural complications. This book is composed of the main topics on aortic aneurysms and surgical treatments to extend scientific and therapeutic perspective and vision of cardiac teams.

⇒ Ausführliche Angaben: HT020308159

Kirali, Kaan: Cardiomyopathies - Types and Treatments
English. Inhaltliche Zusammenfassung: Cardiomyopathies are the most featured cardiac pathologies in the twenty-first century, that threaten public health and burden healthcare budgets. This book is composed of the main topics on pathophysiology, general forms and specific types of cardiomyopathies and it also introduces new research in the field. Specific forms with or without genetic inheritance are discussed separately to attract the readers attention on these topics. Well-known medical follow-up strategies occur ineffective at the end-stage heart failure, however, new surgical approaches can be an alternative for these patients to get a chance at the last crossroad and to improve their life quality and survival and also to gain or prolong time until possible heart transplantation.

⇒ Ausführliche Angaben: HT020308215

Kirali, Kaan: Structural Insufficiency Anomalies in Cardiac Valves
English. Inhaltliche Zusammenfassung: Heart valves are the basic functional structure of the heart to obtain, sustain, and maintain blood circulations in the body without energy loss, allowing blood regurgitation or obstructing blood flow. There are two basic designs of heart valves: actively protected via subvalvular apparatus (atrioventricular valves) and passively strengthened (ventriculoarterial valves). The embryologic and morphologic development of heart valves is the key stage to continue normofunctional structure and physiological behavior. Fetal anomalies, embryologic defects, or non-development pathologies may damage the structure of heart valves and cause functional deterioration at different grades. In this book, we have focused on specific pathologies, which require special knowledge and treatment modalities.

⇒ Ausführliche Angaben: HT020309013

Kirchhof, Paul: Transparenz des öffentlich-rechtlichen Rundfunks
DE. Inhaltliche Zusammenfassung: Der öffentlich-rechtliche Rundfunk erfüllt seinen Informationsauftrag in einer besonderen Verantwortlichkeit, ist ein auf Transparenz angelegter Informationsmittler, beansprucht für seine Journalisten aber alle Medienfreiheiten, die auch den Journalisten der konkurrierenden Medien zustehen. Auch dieser Rundfunk erschließt eine allgemein zugängliche Quelle, deren Nutzung jedermann zusteht. Die Arbeit sucht das Rundfunkverfassungsrecht, das Rundfunkorganisations- und Rundfunkfinanzierungsrecht,

⇒ Ausführliche Angaben: HT020307612

**Kirmusaoglu, Sahra: Antimicrobials, Antibiotic Resistance, Antibiofilm Strategies and Activity Methods**


English. Inhaltliche Zusammenfassung: To prevent bacterial adherence, invasion and infection, antimicrobials such as antibiotics are being used and vastly researched nowadays. Several factors such as natural selection, mutations in genes, the presence of efflux pumps, impermeability of the cell wall, structural changes in enzymes and receptors, biofilm formation, and quorum sensing cause microorganisms to develop resistance against antimicrobials. Isolates that synthesize extended spectrum–lactamases (ESBL), induced -lactamases (IBL), carbapenamases, metallo–lactamases (MBLs), and New Delhi metallo–lactamases (NDM) have emerged. Determining virulence factors such as biofilms and the level of antimicrobial activities of antimicrobial agents alone and in combination with appropriate doses against microorganisms is very important for the diagnosis, inhibition, and prevention of microbial infection. The goal of this book is to provide information on all these topics.

⇒ Ausführliche Angaben: HT020309314

**Kishk, Ahmed: The Fifth Generation (5G) of Wireless Communication**


English. Inhaltliche Zusammenfassung: The Fifth Generation (5G) of Wireless Communication is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field of Electrical and Electronic Engineering. The book comprises single chapters authored by various researchers and edited by an expert active in the Electrical and Electronic Engineering research area. All chapters are complete in itself but united under a common research study topic. This publication aims at providing a thorough overview of the latest research efforts by international authors on the fifth generation (5G) of wireless communication, and open new possible research paths for further novel developments.

⇒ Ausführliche Angaben: HT020309298

**Kistler, Max: Causation and Laws of Nature**


English. Inhaltliche Zusammenfassung: This is the first Eng translation of Causalite´ et Lois de La Nature, and is an important contribution to the theory of causation. Max Kistler reconstructs a unified concept of causation that is general enough to adequately deal with both elementary physical processes, and the macroscopic level of phenomena we encounter in everyday life. This book will be of great interest to philosophers of science and metaphysics, and also to students and scholars of philosophy of mind where concepts of causation and law play a prominent role.

⇒ Ausführliche Angaben: HT020310296

**Kita, Eisuke: Evolutionary Algorithms**


English. Inhaltliche Zusammenfassung: Evolutionary algorithms are successively applied to wide optimization problems in the engineering, marketing, operations research, and social science, such as include scheduling, genetics, material selection, structural design and so on. Apart from mathematical optimization problems, evolutionary algorithms have also been used as an external framework within biological evolution and natural selection in the field of artificial life.
Kivirand, Kairi / Rinken, Toonika: Biosensing Technologies for the Detection of Pathogens - A Prospective Way for Rapid Analysis
English. Inhaltsliche Zusammenfassung: Rapid multiplex detection of pathogens in the environment and in our food is a key factor for the prevention and effective treatment of infectious diseases. Biosensing technologies combining the high selectivity of biomolecular recognition and the sensitivity of modern signal detection platforms are a prospective option for automated analyses. They allow rapid detection of single molecules as well as cellular substances. This book, including 12 chapters from 50 authors, introduces the principles of identification of specific pathogen biomarkers along with different biosensor-based technologies applied for pathogen detection.

Klafter, Einat / Heath, Diane / Blud, Victoria: Gender in medieval places, spaces and thresholds
Eng.

Klain-Gabbay, Liat: Indigenous, Aboriginal, Fugitive and Ethnic Groups Around the Globe
English. Inhaltsliche Zusammenfassung: The book is a collection of papers about indigenous, aboriginal, ethnic and fugitive groups from different countries, regions and areas. The books chapters are written by scholars from different disciplines who exemplify these groups way of life, problems, et cetera from educational aspects, governmental aspects, aspects of human rights, economic statues, legal statues et cetera. The chapters describe their difficulties, but also their will to preserve their culture and language, and make their life better.

Klebes, Martin: Wittgensteins Novels
English. Inhaltsliche Zusammenfassung: Analyzing features of Wittgensteins philosophical work and including in-depth textual analyses, this study investigates the impact of Ludwig Wittgensteins work on contemporary German and French novelists. Drawing upon aesthetics, architectural history, philosophy of science, and photography, the book seeks to explain why references both to Wittgenstein as a person, as well as to his work are more pervasive than other equally renowned twentieth century philosophers and asks why some authors such as Händler and Roubaud, are less well-known and only partially translated into Eng.

Kleen, Julia: Perspektiven nationaler und internationaler Dopingbekämpfung

Ein Medium

- Freihand:

⇒ Ausführliche Angaben: HT020311343
Kleineibst, Richard: G. Ch. Lichtenberg in seiner Stellung zur deutschen Literatur
German.
⇒ Ausführliche Angaben: HT020309996

Kleinemenke, Manuel: Fair Use im deutschen und europäischen Urheberrecht?
⇒ Ausführliche Angaben: HT020307592

Kleppisch, K.: Willkür oder mathematische Überlegung beim Bau der Cheopspyramide?
German.
⇒ Ausführliche Angaben: HT020310040

Kloke, Friedel: Tanz und Klang und tiefe Stille
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 792DNB 792DNB
⇒ DDC (Dewey Decimal Classification):
  - 79223sdnb 79223sdnb
⇒ Ausführliche Angaben: HT020311523

Knopp, Matthias / Beißwenger, Michael: Soziale Medien in Schule und Hochschule
⇒ Ausführliche Angaben: HT020307562

Ko, Seung Hwan: Organic Light Emitting Diode - Material, Process and Devices
This book contains a collection of latest research developments on Organic light emitting diodes (OLED). It is a promising new research area that has received a lot of attention in recent years. Here you will find interesting reports on cutting-edge science and technology related to materials, fabrication processes, and real device applications of OLEDs. I hope that the book will lead to systematization of OLED study, creation of new research field and further promotion of OLED technology for the bright future of our society.

Kobir, SM Ahasanul / Halilem, Norrin / Yuliang, Cao: Knowledge Management Strategies and Applications
English. Inhaltliche Zusammenfassung: Knowledge management (KM) has become an important business strategy in an era of accelerated globalization, digitalization, and servitization of products and services. Maximizing the use of organizational resources becomes fundamental for continuous growth and prosperity. Organizations of various kinds such as resource-based organizations, product-based organizations, as well as knowledge-intensive service-oriented organizations require specific policies and support services to improve the knowledge management in their respective organizations. Knowledge Management Strategies and Applications focuses on the way organizations can create knowledge, share existing or new knowledge, and disseminate them among the stakeholders, most importantly among the employees, managers, customers, and suppliers. The selected topics are drawn from several fields of studies and give a multidisciplinary outlook. The book will be interesting not only for the researchers and students but also for the managers who want to improve knowledge sharing and innovation capabilities in their organizations.

Koca, Nurcan: Technological Approaches for Novel Applications in Dairy Processing
English. Inhaltliche Zusammenfassung: Technological innovations, customer expectations, and economical situations have been forcing the dairy industry to adapt to changes in technologies and products. The goal of this book is to present some new approaches on dairy processing. It will provide several applications on the use of some novel technologies in various dairy products, the improvement of functionalities and quality systems of dairy products, and the advances in dairy wastewater treatment. The book will be useful for both practicing professionals and researchers in the dairy field. I would like to send my sincere thanks to all the authors for their hard work and contributions.

Kocer-Gumusel, Belma / Erkekoglu, Pinar: Bisphenol A Exposure and Health Risks
English. Inhaltliche Zusammenfassung: Bisphenol A (BPA) is a synthetic compound for hardening and clearing polycarbonate plastics. BPA is mainly classified as an estrogen-like endocrine-disrupting chemical. In the last decade, attention has arisen in scientific communities that it is not safe to use this chemical in mainly polycarbonate plastics. Exposure to BPA starts in prenatal period, which is the critical period for its toxic effects on different organs. Throughout this book, the readers will obtain information on the effects of BPA on different systems. They will also get information on the prenatal and postnatal effects of BPA. We believe that readers will get qualified scientific knowledge and a general overview of the toxic effects of BPA exposure and its consequences from this book.

Kocer-Gumusel, Belma / Erkekoglu, Pinar: Glutathione in Health and Disease
Reduced glutathione (GSH) is the most important thiol in living organisms. It is the key component of antioxidant system and serves as a free radical scavenger. There is a cycle of GSH in biological systems and this cycle provides higher intracellular levels of GSH. GSH depletion and apparent oxidative stress may cause toxicity and can affect the general well-being of the organism. GSH was shown to be preventive against aging, cancer, heart disease, infections and dementia. This book is mainly focused on GSH in health and disease. The readers will gain qualified scientific knowledge on the diverse functions of GSH, the importance of GSH status against oxidative stress and the interaction between GSH and nervous system-related infections from this book.

⇒ Ausführliche Angaben: HT020309095

Koch, Lars / Nanz, Tobias / Pause, Johannes: Disruption in the Arts. Textual, Visual, and Performative Strategies for Analyzing Societal Self-Descriptions
English. Inhaltliche Zusammenfassung: The volume examines aesthetic disruptions within the various arts in contemporary culture. It assumes that the political potential of art is not solely derived from presenting its audiences with openly political content. Rather, it creates a space of perception and interaction using formal means, thus problematizing the self-evidence of hegemonic structures of communication.

⇒ Ausführliche Angaben: HT020309915

Koch, Marcus: Nation Europa!

⇒ Ausführliche Angaben: HT020309861

Kockel, Ullrich: Chapter 13 Commemorating vanished 'homelands'
English. Inhaltliche Zusammenfassung: The twentieth century has been described (e.g., Piskorski 2015) as a century of displacement. While globally the comparative scale of involuntary population movement may not have differed significantly from earlier centuries, its perception has changed radically, leading in the early twenty-first century to the dramatic resurgence of xenophobic populism across Europe and beyond (see Kaya 2017; De Cesari and Kaya 2019). Throughout the ‘refugee crisis’ of the 2010s, the German government’s moderate policy towards new migrants was widely criticised. The ideological foundation for that policy was, arguably, the country’s experience of integrating millions of ethnic German expellees and refugees from Central and Eastern Europe in the aftermath of the Second World War.

⇒ Ausführliche Angaben: HT020310415

Kocur, Dusan: UWB Technology and its Applications
English. Inhaltliche Zusammenfassung: Ultra-wideband (UWB) technology is a radio technology that uses electromagnetic waves with a very low power spectral density occupying a bandwidth of more than 25% of a centre frequency, or more than 0.5GHz, for short-range remote sensing, high-bandwidth communications or object positioning. The detailed analyses of state-of-the-art UWB technology has shown that this technology is very interesting and promising with a great application potential. Following these facts, our book attempts to present current and emerging trends in research and development of UWB systems. The book is focused on basic components of UWB systems such as antennas, filters, photonic approach
for signal processing methods, as well as on some applications of UWB systems (human target analysis, cancer detection).

⇒ Ausführliche Angaben: HT020309285

**Kodogiannis, Vassilis S.: Applications of Computational Intelligence to Power Systems**


English. Inhaltliche Zusammenfassung: Electric power systems around the world are changing in terms of structure, operation, management and ownership due to technical, financial, and ideological reasons. Power systems keep on expanding in terms of geographical areas, asset additions, and the penetration of new technologies in generation, transmission, and distribution. The conventional methods for solving the power system design, planning, operation, and control problems have been extensively used for different applications, but these methods suffer from several difficulties, thus providing suboptimal solutions. Computationally intelligent methods can offer better solutions for several conditions and are being widely applied in electrical engineering applications. This Special Issue represents a thorough treatment of computational intelligence from an electrical power system engineer's perspective. Thorough, well-organised, and up-to-date, it examines in detail some of the important aspects of this very exciting and rapidly emerging technology, including machine learning, particle swarm optimization, genetic algorithms, and deep learning systems. Written in a concise and flowing manner by experts in the area of electrical power systems who have experience in the application of computational intelligence for solving many complex and difficult power system problems, this Special Issue is ideal for professional engineers and postgraduate students entering this exciting field.

⇒ Ausführliche Angaben: HT020310321

**Koehler, Karsten / Drenowatz, Clemens: Integrated Role of Nutrition and Physical Activity for Lifelong Health**


eng. Inhaltliche Zusammenfassung: As computer and space technologies have been developed, geoscience information systems (GIS) and remote sensing (RS) technologies, which deal with the geospatial information, have been rapidly maturing. Moreover, over the last few decades, machine learning techniques including artificial neural network (ANN), deep learning, decision tree, and support vector machine (SVM) have been successfully applied to geospatial science and engineering research fields. The machine learning techniques have been widely applied to GIS and RS research fields and have recently produced valuable results in the areas of geoscience, environment, natural hazards, and natural resources. This book is a collection representing novel contributions detailing machine learning techniques as applied to geoscience information systems and remote sensing.

⇒ Ausführliche Angaben: HT020307401

**König, Katharina: Spracheinstellungen und Identitätskonstruktion. Eine gesprächsanalytische Untersuchung sprachbiographischer Interviews mit Deutsch-Vietnamesen**


German. Inhaltliche Zusammenfassung: This study examines statements about language setting expressed by bilingually raised Germans of Vietnamese origin during language biographical interviews in search of specific conversational features. A further focus of the research is on the linguistic construction of different language spaces in which the interviewees position themselves as multilingual individuals.

⇒ Ausführliche Angaben: HT020309919


English. Inhaltliche Zusammenfassung: This new volume presents a wealth of fresh data documenting and analyzing the different positions taken by governments in the development of the European Constitution. It examines how such decisions have substantial effects on the sovereignty of nation states and on the lives of citizens, independent of the ratification of a constitution. Few efforts have been made to document constitution building in a systematic and comparative manner, including the different steps and stages of this process. This book examines European Constitution-building by tracing the two-level policy formation process from the draft proposal of the European Convention until the Intergovernmental Conference, which finally adopted the document on the Constitution in June 2004. Following a tight comparative framework, it sheds light on reactions to the proposed constitution in the domestic arena of all the actors involved. It includes a chapter on each of the original ten member states and the fifteen accession states, plus key chapters on the European Commission and European Parliament. This book will be of strong interest to scholars and researchers of European Union politics, comparative politics, and policy-making.

⇒ Ausführliche Angaben: HT020310165

Körlü, Aysegül: Textile Industry and Environment
English. Inhaltliche Zusammenfassung: In this book, the relationship between the textile industry and the environment is examined from four different viewpoints. Recycling of spinning mill wastes, ozone usage that provides less chemical and water utilization, reuse of treated water in the dyeing processes, and approaches in the treatment of wastewaters of dyeing plants and finishing factories are solutions offered to reduce environmental pollution arising from textile production processes. Apart from this, energy management is also a subject that can be associated with the environment, and as a consequence, the possibility of utilizing textile materials to which phase change materials are applied, not only for comfort purposes but also as energy storage materials, means that technical textiles could be a solution for energy storage.

⇒ Ausführliche Angaben: HT020309347

Körtek, Yasemin / Köhler, Peter A. / Becker, Ulrich: Die Alterssicherung von Beamten und ihre Reformen im Rechtsvergleich

⇒ Ausführliche Angaben: HT020307578

Kokorin, Alexander I.: Nitroxides - Theory, Experiment and Applications
English. Inhaltliche Zusammenfassung: Nitroxide (aminoxyl) radicals became the start point for one of the most interesting and rapidly developing areas of modern chemical physics with valuable applications to biophysics, molecular biology, polymer sciences and medicine. This book, consisting of 15 chapters gathered in 3 sections, written by authors actively involved in the area of spin label/probe technique. The authors describe in detail some novel trends and analyze new approaches of practical applications of nitroxide radicals. The book, recommended by the Governing Council of N. Semenov International Center of Chemical Physics, Moscow, will be of help to many scientists: chemists, physical chemists, biophysicists, biologists, physicians and other experts in a variety of disciplines, in which spin labels and probes
are used, as well as to students and PhD students. It may be also suitable for teaching, and may help to promote the progress in natural sciences.

⇒ Ausführliche Angaben: HT020307921

**Kokorin, Alexander: Ionic Liquids: Applications and Perspectives**  
English. Inhaltsübersicht: This book is the second in the series of publications in this field by this publisher, and contains a number of latest research developments on ionic liquids (ILs). This promising new area has received a lot of attention during the last 20 years. Readers will find 30 chapters collected in 6 sections on recent applications of ILs in polymer sciences, material chemistry, catalysis, nanotechnology, biotechnology and electrochemical applications. The authors of each chapter are scientists and technologists from different countries with strong expertise in their respective fields. You will be able to perceive a trend analysis and examine recent developments in different areas of ILs chemistry and technologies. The book should help in systematization of knowledges in ILs science, creation of new approaches in this field and further promotion of ILs technologies for the future.

⇒ Ausführliche Angaben: HT020307701

**Kokorin, Alexander: Ionic Liquids: Theory, Properties, New Approaches**  
English. Inhaltsübersicht: Ionic Liquids (ILs) are one of the most interesting and rapidly developing areas of modern physical chemistry, technologies and engineering. This book, consisting of 29 chapters gathered in 4 sections, reviews in detail and compiles information about some important physical-chemical properties of ILs and new practical approaches. This is the first book of a series of forthcoming publications on this field by this publisher. The first volume covers some aspects of synthesis, isolation, production, modification, the analysis methods and modeling to reveal the structures and properties of some room temperature ILs, as well as their new possible applications. The book will be of help to chemists, physicists, biologists, technologists and other experts in a variety of disciplines, both academic and industrial, as well as to students and PhD students. It may help to promote the progress in ILs development also.

⇒ Ausführliche Angaben: HT020307703

**Kokturk, Gulden / Altun, Tutku Didem Akyol: Interdisciplinary Expansions in Engineering and Design With the Power of Biomimicry**  
English. Inhaltsübersicht: People have been finding inspiration in nature in solving their problems, from the very beginning of their existence. In the most general sense, biomimicry, defined as inspire from the nature, has brought together the engineers and designers nowadays. This collaboration creates innovative and creative outcomes that encourage people with their interdisciplinary relationships. Accordingly, the aim of this book is to bring together different works or developments on biomimetics in interdisciplinary relationship between different areas, especially biomimicry, engineering, and design. The twenty-first century has conceived many new and amazing designs. The book in your hands will surely be an important guide to take a quick look at the future possibilities.

⇒ Ausführliche Angaben: HT020308636

**Koller, Martin / Saleh, Hosam El-Din M.: Green Chemistry**  
English. Inhaltsübersicht: To an increasing extent, green chemistry is a new chemical and engineering approach of chemistry and engineering, dedicated to make manufacturing processes and our world as a whole more sustainable world with a growing tendency. Green chemistry approaches are based on ecofriendly technologies, aiming to reduce or eliminate the use of solvents, or render them efficient and safer. Moreover, this scientific field is devoted to reduction or elimination of prevailing environmental and health threats, which
typically accompany chemical products and traditional processes. The present book Green Chemistry contains 9 selected chapters, starting with a general introductory chapter on green chemistry, and covers many recent applications and developments based on the principles of green chemistry. This book is considered the appropriate way to communicate the advances in green materials and their applications to the scientific community. Chemists, scientists and researchers from related areas, and undergraduates involved in environmental issues and interested in approaches to improve the quality of life could find an inspiring and effective guide by reading this book.

⇒ Ausführliche Angaben: HT020308591

**Kommatina, Dejan: Achievements and Challenges of Integrated River Basin Management**


English. Inhaltsangabe: Integrated river basin management is an approach focusing on the development and management of land and water resources in a coordinated manner with the primary aim to ensure society development, which is well balanced from the environmental, economic, and social points of view. It is a complex approach, including all aspects of water resource management (water and aquatic ecosystem protection, disaster management, and water use) and covering a wide range of disciplines (e.g., hydrology, ecology, environmental management, and economy), cross-cutting issues (climate change, data sharing, and stakeholder involvement), and approaches (river basin management plans preparation, water-food-energy-ecosystems nexus assessment, science-policy integration, and transboundary cooperation). This book provides a comprehensive overview of achievements and challenges associated with the implementation of the approach throughout the world.

⇒ Ausführliche Angaben: HT020308874

**Kommu, Sashi S: Rehabilitation Robotics**


English. Inhaltsangabe: The coupling of several areas of the medical field with recent advances in robotic systems has seen a paradigm shift in our approach to selected sectors of medical care, especially over the last decade. Rehabilitation medicine is one such area. The development of advanced robotic systems has ushered with it an exponential number of trials and experiments aimed at optimising restoration of quality of life to those who are physically debilitated. Despite these developments, there remains a paucity in the presentation of these advances in the form of a comprehensive tool. This book was written to present the most recent advances in rehabilitation robotics known to date from the perspective of some of the leading experts in the field and presents an interesting array of developments put into 33 comprehensive chapters. The chapters are presented in a way that the reader will get a seamless impression of the current concepts of optimal modes of both experimental and applicable roles of robotic devices.

⇒ Ausführliche Angaben: HT020307665

**Komnitsas, Kostas A.: Recent Advances in Hydro- and Biohydrometallurgy**


eng. Inhaltsangabe: This Special Issue of Minerals presents recent, select studies that highlight advances in the fields of hydro- and biohydrometallurgy. It aims to attract the interest of readers and especially of young scientists and students in this fascinating scientific discipline.

⇒ Ausführliche Angaben: HT020307427

**Komorowska, Małgorzata Anna / Olsztynska-Janus, Sylwia: Biomedical Engineering, Trends, Research and Technologies**


English. Inhaltsangabe: This book is addressed to scientists and professionals working in the wide area of biomedical engineering, from biochemistry and pharmacy to medicine and clinical engineering. The panorama of problems presented in this volume may
be of special interest for young scientists, looking for innovative technologies and new trends in biomedical engineering.

⇒ Ausführliche Angaben: HT020307691

Kompf, Michael / Denicolo, Pam: Connecting Policy and Practice
English. Inhaltliche Zusammenfassung: Written by members of the International Study Association on Teachers and Teaching, the papers in this volume were presented at an international teaching conference on the issues of theory and practice. Using these contributions from experienced researchers, most of whom are practising teachers, this single volume is international in scope and context, demonstrating differences and similarities between and within countries. This detailed book is clearly split into five sections focusing on the following themes: * teacher education - professional identity, professional research, and quality of teacher education * teacher practice - basic values, ethics, and cultural scaffolding * higher education - academic motivation, discourse dissonance concerning intellectual property, self studies of teacher education practice * teacher development - the challenge to be the best teacher, the link between policy and practice, personal theory and practice in tertiary development * research and theory - reflective practice, shared democratic values, teachers as researchers.

⇒ Ausführliche Angaben: HT02030310284

Kompf, Michael / Denicolo, Pam: Teacher Thinking & Professional Action
English. Inhaltliche Zusammenfassung: Over the past twenty years the International Study Association on Teachers and Teaching (ISATT) has become world-renowned as an organisation dedicated to the discussion of current thinking in educational policy and practice. As such, the ideas aired at ISATT conferences are of the greatest significance to today’s educational practitioners. This book satisfies the demand for a lasting record of ISATTs illuminating discussions on the theme. It is based on a selection of papers presented at their third bi-annual conference and has been updated by each contributor to include their current thoughts and opinions. Containing nineteen articles, each an in-depth examination of the topic, it is divided into four sections: conceptual frames for teacher thought and action methods and approaches to the study of teacher thought and action teacher judgment and evaluation of students teacher thinking and teacher education. Broad in theme, international in scope and detailed this book is essential and enlightening reading for anyone with a serious interest in the ongoing development of educational thought.

⇒ Ausführliche Angaben: HT02030310123

Koncar, Igor: Abdominal Aortic Aneurysm - From Basic Research to Clinical Practice
English. Inhaltliche Zusammenfassung: This book, intended for all physicians who are facing patients with abdominal aortic aneurysms, has been assembled by interested, invited authors and contains important topics from basic research to clinical practice. Experimental studies focus on biomechanical and biochemical factors. In clinical practice, the decision to treat, based on risk-benefit ratio, is very delicate in patients with concomitant malignant diseases. Periprocedural risk is determined by anatomy, while aneurysms causing neck pain are one of the most frequent challenges for both open and endovascular methods. Finally, careful planning is crucial. Postoperative complications are different from post-implantation syndrome, which is still an underestimated problem, toward detection and treatment of endoleaks and eventual conversion.

⇒ Ausführliche Angaben: HT02030309398

Kondo, Makiko: Empathy - An Evidence-based Interdisciplinary Perspective
English. Inhaltliche Zusammenfassung: Empathy, a basic ability for understanding persons holistically, building supportive relationships, and listening attentively, includes being with suffering persons, healing, and inducing catharsis in them. Therefore, it is necessary within occupations supporting humans: education, clinical psychology, nursing, early childhood care, welfare, and medicine. Conversely, there are individual differences in empathy, and promoting its development is difficult. In this book, we use interdisciplinary approaches to empathy; for example, we discuss a new intervention, physical and cross-cultural understanding of empathy, development of empathy, and applications in general and professional education. The significance of this book is its evidence-based interdisciplinary perspective in understanding empathy.
⇒ Ausführliche Angaben: HT020308391

Kongo, Marcelino: Lactic Acid Bacteria - R & D for Food, Health and Livestock Purposes
English. Inhaltliche Zusammenfassung: Ongoing scientific research in many parts of the world on the genomics, proteomics and genetic engineering of LAB is increasing our understanding of their physiology, pushing further the boundaries for their potential applications. Lactic Acid Bacteria - R&D for Food, Health and Livestock Purposes is a compilation and discussion of the outstanding scientific research activities concerning actually and future applications of LAB. It is directed to a vast public of readers - researcher, academics, corporate R&D, students or just curious interested in the subject.
⇒ Ausführliche Angaben: HT020309590

Koprowski, Robert: Medical and Biological Image Analysis
English. Inhaltliche Zusammenfassung: This book deals with medical image analysis methods. In particular, it contains two significant chapters on image segmentation as well as some selected examples of the application of image analysis and processing methods. Despite the significant development of information technology methods used in modern image analysis and processing algorithms, the segmentation process remains open. This is mainly due to intra-patient variability and/or scene diversity. Segmentation is equally difficult in the case of ultrasound imaging and depends on the location of the probe or the contact force. Regardless of the imaging method, segmentation must be tailored for a specific application in almost every case. These types of application areas for various imaging methods are included in this book.
⇒ Ausführliche Angaben: HT020308813

Korhan, Orhan: Anatomy, Posture, Prevalence, Pain, Treatment and Interventions of Musculoskeletal Disorders
English. Inhaltliche Zusammenfassung: Musculoskeletal disorders are defined as disorders that affect a part of the bodys musculoskeletal system, which includes bones, nerves, tendons, ligaments, joints, cartilage, blood vessels, and spinal disks. These are the injuries that result from repeated motions, vibrations, and forces placed on human bodies while performing various job actions. They are extremely common and costly problems for people and companies. Thus, this book is designed to include a wide array of extensive and comprehensive discussions provided on occupational, educational, and medical aspects of ergonomics. Thus, it can be utilized as a guide to identify and analyze the risk factors, reveal the impact of prevention and intervention, and discuss treatment of musculoskeletal disorders.
⇒ Ausführliche Angaben: HT020308748

Korhan, Orhan: Indoor Environment and Health
English. Inhaltliche Zusammenfassung: A shelter is one of the physiological needs according
to Maslow's Hierarchy of Needs, which lies at the bottom of the pyramid. People spend around 90% of their time in shelters, or in today's words: buildings. They sleep, eat, work, relax, exercise, play, are born, and die in these buildings. In fact, they live within walls. Therefore, an indoor environment is crucial for their health and safety. This book, therefore, addresses the issues related to the impact of a sustainable healthy and comfortable indoor environment on the quality of life, and perceives the required indoor conditions for productivity and effectiveness. Therefore, this book is designed to include issues and extensive discussions on thermal comfort, indoor air quality, visual comfort, acoustic comfort, productivity, and indoor health and safety. The concepts of heating, ventilation, air conditioning, external temperature, air pollution, sick building, indoor pollutants, illumination, glare, indoor lighting, daylight, noise, construction materials, sound intensity, and furniture on the indoor environment are described in detail in this book.

⇒ Ausführliche Angaben: HT020309494

Korhan, Orhan: Occupational Health
English. Inhaltliche Zusammenfassung: Occupational Health deals with all aspects of health and safety in the workplace and has a strong focus on primary prevention of hazards. A wide array of workplace hazards presents risks to the health and safety of people at work, which include physical factors, adverse ergonomic conditions, chemicals, biological agents, allergens, and a complex network of safety risks. This book covers topics from health and safety management, occupational medicine, work-related musculoskeletal disorders, and occupational protection. Thus, it can be utilized as a guide to identify and analyze hazards, assess risk, apply risk reduction strategies, and manage process safety for various occupations.

⇒ Ausführliche Angaben: HT020308136

Korne, Haley De / Costa, James / Pia, Lane: Standardizing Minority Languages
English. Inhaltliche Zusammenfassung: The Open Access version of this book, available at https://www.taylorfrancis.com/books/9781138125124, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license. This volume addresses a crucial, yet largely unaddressed dimension of minority language standardization, namely how social actors engage with, support, negotiate, resist and even reject such processes. The focus is on social actors rather than language as a means for analysing the complexity and tensions inherent in contemporary standardization processes. By considering the perspectives and actions of people who participate in or are affected by minority language politics, the contributors aim to provide a comparative and nuanced analysis of the complexity and tensions inherent in minority language standardisation processes. Echoing Fasold (1984), this involves a shift in focus from a sociolinguistics of language to a sociolinguistics of people. The book addresses tensions that are born of the renewed or continued need to standardize ‘language’ in the early 21st century across the world. It proposes to go beyond the traditional macro/micro dichotomy by foregrounding the role of actors as they position themselves as users of standard forms of language, oral or written, across sociolinguistic scales. Language policy processes can be seen as practices and ideologies in action and this volume therefore investigates how social actors in a wide range of geographical settings embrace, contribute to, resist and also reject (aspects of) minority language standardization.

⇒ Ausführliche Angaben: HT020310134

Korte, Barbara / Aurnhammer, Achim: Fremde Helden auf europäischen Bühnen (1600-1900)

⇒ Ausführliche Angaben: HT020307593
Kortekamp, Andreas: Herbicides and Environment
English. Inhaltliche Zusammenfassung: Herbicides are much more than just weed killers. They may exhibit beneficial or adverse effects on other organisms. Given their toxicological, environmental but also agricultural relevance, herbicides are an interesting field of activity not only for scientists working in the field of agriculture. It seems that the investigation of herbicide-induced effects on weeds, crop plants, ecosystems, microorganisms, and higher organism requires a multidisciplinary approach. Some important aspects regarding the multisided impacts of herbicides on the living world are highlighted in this book. I am sure that the readers will find a lot of helpful information, even if they are only slightly interested in the topic.
⇒ Ausführliche Angaben: HT020307687

Korzinskas, Tadas / Smeets, Ralf / Jung, Ole: Biomaterial-supported Tissue Reconstruction or Regeneration
English. Inhaltliche Zusammenfassung: This book is a collection of chapters from different biomaterial experts, including their design, new insights into the molecular basis of their interaction with the organism, and their successful application. The chapters have been organized to illustrate different aspects of multidisciplinary biomaterial science. Thus, this book should give readers a view into the different biomaterial disciplines and methodologies that are needed for specific clinical applications.
⇒ Ausführliche Angaben: HT020309380

Kostner, Gerhard / Frank, Sasa: Lipoproteins - Role in Health and Diseases
English. Inhaltliche Zusammenfassung: By typing into databases such as Medline or PubMed the word “lipoprotein” one gets more than 100,000 hits that highlight the common interest in this topic. It is actually impossible to cover all aspects of lipoprotein structure, function, metabolism and pathophysiology in one issue like the present volume, but attempts have been made to concentrate on topics that are in focus of current lipoprotein research. These topics have been divided into 10 sections. This volume will help new investigators in the field to get acquainted with the general topic of lipoprotein research and will guide scientists interested in this area to emerging new fields.
⇒ Ausführliche Angaben: HT020307924

Kostogryzov, Andrey: Probabilistic Modeling in System Engineering
English. Inhaltliche Zusammenfassung: This book is intended for systems analysts, designers, developers, users, experts, as well as those involved in quality, risk, safety and security management, and, of course, scientists and students. The various sets of original and traditional probabilistic models and interesting results of their applications to the research of different systems are presented. The models are understandable and applicable for solving system engineering problems: to optimize system requirements, compare different processes, rationale technical decisions, carry out tests, adjust technological parameters, and predict and analyze quality and risks. The engineering decisions, scientifically proven by the proposed models and software tools, can provide purposeful, essential improvement of quality and mitigation of risks, and reduce the expense of operating systems. Models, methods, and software tools can also be used in education for system analysis and mathematical modeling on specializations, for example systems engineering, operations research, enterprise management, project management, risk management, quality of systems, safety and security, smart systems, system of systems, et cetera.
⇒ Ausführliche Angaben: HT020309020

Kounis, Leo D.: Quality Control and Assurance - An Ancient Greek Term Re-Mastered
English. Inhaltliche Zusammenfassung: Quality control and assurance cover a diverse area of modern life and play, undeniably, an important role. This book brings together a collection of international papers that showcase examples of current research and practice in industry and the medical profession. It is hoped that engineers, researchers and scientists will be assisted in their continuous quest for excellence in qualitative aspects. The Ancient Greek word arete means excellence or virtue and defines the highest qualitative state: a man’s effectiveness and skill in goodness (optimum potentiae). Indeed, Ancient Greeks believed that without quality control, specifications are useless and may result to illegitimacy, which in turn may become a threat to society itself.

⇒ Ausführliche Angaben: HT020308157

Kounis, Leo D.: Quality Management Systems - a Selective Presentation of Case-studies Showcasing Its Evolution

English. Inhaltliche Zusammenfassung: Quality management systems form an integral part of modern corporations. Acknowledging current socio-economic and environmental challenges, quality standards ought to be dynamic and flexible so as to cater for different markets and requirements. This book portrays a collection of international papers addressing current research and practice within the areas of engineering and technology, health and education. Amidst striving for zero defects, cost-effectiveness and tight financial budgets, quality management systems ought to embrace the creator of them all: humans; as the ancient Greek Sophist Protagoras said, Of all money, Man is the measure ".

⇒ Ausführliche Angaben: HT020308624

Koutrakou, Vassiliki N. / Nixon, Paul G.: E-government in Europe

English. Inhaltliche Zusammenfassung: This book traces the development of e-government and its applications across Europe, exploring the effects of information and communication technology (ICTs) upon political action and processes. Explores a range of concepts and topics underpinning e-government in Europe: the degree to which e-government translates into genuine reform of government and public administration the dual role of the EU as both a provider of e-government through its own internal activities and also as a facilitator or aggregator in the way it seeks to engender change and promote its ethos in member states across the EU cyberterrorism and its use both by terrorists and governments to pursue political agendas. Featuring in-depth case studies on the progress of e-government in the UK, France, Germany, Denmark, The Netherlands, Portugal, Greece, Slovenia, Hungary, and Estonia. These case studies address the above issues, whilst at the same time highlighting commonality and diversity in practice and the paradox between top-down strategies and the effort to engage wider civil participation via e-government. e-Government in Europe will be of interest to students and scholars of public policy, politics, media and communication studies, computing and information and communications technologies and European studies.

⇒ Ausführliche Angaben: HT020310267

Kowalczuk-Waledziak, Marta / Korzeniecka-Bondar, Alicja / Danilewicz, Wioleta: Rethinking Teacher Education for the 21st Century

English. Inhaltliche Zusammenfassung: This book focuses on current trends, potential challenges and further developments of teacher education and professional development from a theoretical, empirical and practical point of view. It intends to provide valuable and fresh insights from research studies and examples of best practices from Europe and all over the world. The authors deal with the strengths and limitations of different models, strategies, approaches and policies related to teacher education and professional development in and for changing times (digitization, multiculturalism, pressure to perform).

⇒ Ausführliche Angaben: HT020310469
Kozubski, Wojciech / Dorszewska, Jolanta: Senescence - Physiology or Pathology
English. Inhaltliche Zusammenfassung: In the second half of the twentieth century, life expectancy was prolonged, and the number of elderly people increased. The effect of population aging increases in the frequency of neurodegenerative diseases such as Alzheimers and Parkinsons diseases, epilepsy, and stroke. Also, a higher incidence of infections, autoimmune diseases, and malignant cancers is observed in elderly people. The aging process is difficult to define. Are physiological changes in elderly people controlled by specific genes? Is aging process a pathophysiology affecting different organs with different severity? Finding answers to these questions may help prevent age-related diseases and improve the quality of life of old people. This book was made as a compendium on contemporary challenges in senescence.
⇒ Ausführliche Angaben: HT020308397

Krause, Joao Carlos / Santos, Antonio Vanderlei Dos: Science Education - Research and New Technologies
English. Inhaltliche Zusammenfassung: The book presents a discussion on education of sciences, through a technological view shown in the works of a variety of authors from different countries. Its a differentiated conception of scientific education bringing renowned authors who discuss from teacher formation to the inclusion of new technologies into education. We are proud to say that the themes discussed in the book are up to date and also of scientific interest in many countries, as seen by the collaborating authors who come from many parts of the world. The scientific discussion becomes evident through the effort of the authors in participating in this book that will serve as a reference for future research for those who want to develop modern educational approaches.
⇒ Ausführliche Angaben: HT020308462

Kress, Jeffrey S. / Levisohn, Jon A.: Advancing the Learning Agenda in Jewish Education
English. Inhaltliche Zusammenfassung: Jewish educational projects and programs are thriving, attracting philanthropic support for exciting and creative approaches in every sector and setting. But underneath that energy, we are not as clear as we ought to be about desired outcomes, the kinds of learning needed to achieve these, and how those kinds of learning actually occur. This volume is the first of its kind to bring together scholars from inside Jewish education and from the learning sciences. It offers a set of critical perspectives on learning, sometimes borrowing models from other domains (such as science) and sometimes examining specific domains within Jewish education (such as havruta learning or the learning of Jewish history). Collectively, these contributions help to advance a smarter, sharper conversation about Jewish learning that matters.
⇒ Ausführliche Angaben: HT020309715

Krieg, Benno: Chemie für Mediziner. Zum Gegenstandskatalog
German.
⇒ Ausführliche Angaben: HT020309947

Krinke, Rebecca: Contemporary Landscapes of Contemplation
English. Inhaltliche Zusammenfassung: Contemplative landscape and contemplative space are familiar terms in the areas of design, landscape architecture and architecture. Krinke and her highly regarded contributors set out to explore definitions, theories, and case studies of contemplative landscapes. The contributors, Marc Treib, John Beardsley, Michael Singer, Lance Neckar, Heinrich Hermann and Rebecca Krinke have spent their careers researching,
critiquing, and making landscapes. Here they investigate the role of contemplative space in a post-modern world and examine the impact of nature and culture on the design or interpretation of contemplative landscapes. The essays, drawn from both scholarship and personal experience explore the links between spaces designed to provide health benefits and contemplative space.

⇒ Ausführliche Angaben: HT020310279

Krishnappa, Manjunath: Mesoporous Materials - Properties and Applications
English. Inhaltliche Zusammenfassung: The basic theme of this book is to understand the fundamentals and importance of porous functional materials, their properties, and significant applications like solar cells, batteries, photovoltaics, energy conversions, and mesoporous materials. This book covers the fundamentals of mesoporous materials, and various methods of synthesis, properties, and applications in different sectors.

⇒ Ausführliche Angaben: HT020309403

Król, Mariusz / Borek, Wojciech / Tanski, Tomasz: Magnesium Alloys - Selected Issue
English. Inhaltliche Zusammenfassung: Classical magnesium alloys are a combination of aluminium, magnesium, manganese and zinc. Magnesium combined with lithium forms ultralight alloys that have many uses. Since it is a reasonable material, it offers great possibilities and is constantly tested at various angles of applications and properties. Magnesium, previously used for military purposes, seems to fit perfectly to the requirements of the currently prevailing technology. Low density with appropriate mechanical properties (strength, high operating temperature), good foundry properties (high castability and low shrinkage), vibration damping ability and cost-effectiveness of recycling seem to be an ideal response to market needs. All things considered, magnesium alloys are the perfect material used in various industries starting from the automotive industry, through sport, electronics up to the space industry and defence. This book is written by experts in various areas of magnesium science and technology. It gives a general idea of modern advancements in theory and practical purposes of magnesium alloys. The book reports fundamental aspects of corrosion types and details about magnesium alloys designed to work in elevated temperatures and superplastic behaviour. Fundamentals, broad experience, theory as well as complex technological aspects make this work helpful for engineers and scientists from all over the world.

⇒ Ausführliche Angaben: HT020309162

Król, Mariusz / Tanski, Tomasz / Borek, Wojciech: Cavitation - Selected Issues
English. Inhaltliche Zusammenfassung: Cavitation erosion is one of the most popular phenomena of the destruction of engineering materials working in water conditions and various kinds of liquids. The cavitation effect is defined as a physical effect, induced by a variable field of liquid pressures, where bubbles or other voids (caverns) - containing steams of a given liquid, gas, or a steam-gas mixture - are formed, expanded, and disappear. A better understanding of all aspects related to cavitation wear will allow for more thoughtful analysis in the selection of innovative engineering materials additionally protected by various technologies or techniques in the field of surface engineering, and optimization of the design of constructional elements used in the cavitation environment. The novelty of this book is the presentation of extensive knowledge related to cavitation, erosion, and how to protect engineering materials against this phenomenon supported by the results of thorough research by the authors.

⇒ Ausführliche Angaben: HT020309130

Kubale, Valentina / Rutland, Catrin Sian: Veterinary Anatomy and Physiology
Inhaltliche Zusammenfassung: Knowledge of veterinary anatomy and physiology is essential for veterinary professionals and researchers. The chapters reflect the diverse and dynamic research being undertaken in a variety of different species throughout the world. Whether the animals have roles in food security, agriculture, or as companion, wild, or working animals, the lessons we learn impact on many areas of the profession. This book highlights research ranging from the cardiovascular and musculoskeletal systems, prostate and hoof, through to histopathology, imaging, and molecular techniques. It investigates both healthy and pathological conditions at differing stages of life. The importance of each cell and tissue through to the whole organism is explored alongside the methodologies used to understand these vital structures and functions.

⇒ Ausführliche Angaben: HT020309288

Kucukkocaoglu, Guray / Gokten, Soner: Energy Management for Sustainable Development
English. Inhaltliche Zusammenfassung: We are more aware of the need to achieve sustainable development than ever before. It is fair to say that two of the most important factors affecting sustainability are the ways of both producing and using energy. In this sense, this book provides a forum to articulate and discuss energy management issues in the frame of achieving sustainable development. And undoubtedly, we are also deeply concerned about these issues in the recent times. This volume contains 6 chapters and is organized into three sections: Policies and Strategies, and Technologies and Industries.

⇒ Ausführliche Angaben: HT020308901

Küçük, Serdar: Surgical Robotics
English. Inhaltliche Zusammenfassung: Robotic technology has increasingly been preferred by the medical professionals since they have been used for several clinical applications. Medical robots are preferred since they present better results compared to traditional methods such as smaller incision, higher accuracy, and lesser recovery time. Medical robots can be divided into three progressive generations. The first-generation robots were originally industrial robots that had been modified for performing medical applications in orthopedics, neurosurgery, radiology, and radiotherapy in the 1980s. The second-generation robots have been especially developed for executing surgical operations in the 1990s. After the 2000s, the third-generation medical robots have been designed for performing difficult surgical and medical operations. From the first approved surgical robot AESOP to the current da Vinci Surgical System, there have been several different kinds of surgical robots produced until now. Although the history of surgical robots is very short compared to the history of surgery, thousands of surgical robots have been installed in hospitals worldwide, and hundreds of thousands of people have been treated by these surgical robots. Nowadays, the achievements of the surgical robotics amaze both medical professionals and the patients. It is noteworthy to follow up on the evolution of surgical robotics in the future.

⇒ Ausführliche Angaben: HT020308534

Kühl, Kristian: Die Bedeutung der Rechtsphilosophie für das Strafrecht
Kukovics, Sándor: Goat Science
English. Inhaltliche Zusammenfassung: Goat science covers quite a wide range and varieties of topics, from genetics and breeding, via nutrition, production systems, reproduction, milk and meat production, animal health and parasitism, et cetera, up to the effects of goat products on human health. In this book, several parts of them are presented within 18 different chapters. Molecular genetics and genetic improvement of goats are the new approaches of goat development. Several factors affect the passage rate of digesta in goats, but for diet properties, goats are similar to other ruminants. Iodine deficiency in goats could be dangerous. Assisted reproduction techniques have similar importance in goats like in other ruminants. Milk and meat production traits of goats are almost equally important and have significant positive impacts on human health. Many factors affect the health of goats, heat stress being of increasing importance. Production systems could modify all of the abovementioned characteristics of goats.

Kulasiri, Don: Computational Modelling of Multi-scale Solute Dispersion in Porous Media - An Approach Based on Stochastic Calculus
English. Inhaltliche Zusammenfassung: This research monograph presents a mathematical approach based on stochastic calculus which tackles the cutting edge in porous media science and engineering - prediction of dispersivity from covariance of hydraulic conductivity (velocity). The problem is of extreme importance for tracer analysis, for enhanced recovery by injection of miscible gases, et cetera This book explains a generalised mathematical model and effective numerical methods that may highly impact the stochastic porous media hydrodynamics. The book starts with a general overview of the problem of scale dependence of the dispersion coefficient in porous media. Then a review of pertinent topics of stochastic calculus that would be useful in the modeling in the subsequent chapters is succinctly presented. The development of a generalised stochastic solute transport model for any given velocity covariance without resorting to Fickian assumptions from laboratory scale to field scale is discussed in detail. The mathematical approaches presented here may be useful for many other problems related to chemical dispersion in porous media.

Kulka, Marianna: Using Old Solutions to New Problems - Natural Drug Discovery in the 21st Century
English. Inhaltliche Zusammenfassung: The medicinal use of plants, animals and microorganisms has been a part of human evolution and likely began before recorded history. Is it possible that this knowledge can be used to create powerful new drugs and solve some of the human health problems facing us today? This book is a collection of an expert team of agronomists, chemists, biologists and policy makers who discuss some of the processes involved in developing a naturally-sourced bioactive compound into a drug therapy. These experts define a natural compound and elucidate the processes required to find, extract and define a naturally-derived bioactive molecule. Finally, they describe the necessity for understanding the fundamental mechanisms of disease before applying bioactive molecules in bioassay-guided drug discovery platforms.

Kumar, Arun: Recent Trends in Cardiovascular Risks
English. Inhaltliche Zusammenfassung: Salient features of the book: - All chapters are related to the advances in cardiovascular risks.; - Chapters are written by renowned authors globally. - Chapters are lucid and easy to understand. - Chapters are useful for clinicians, medical practitioners, researchers, teachers, and students. - Chapters include flow charts, diagrams,
and tables for easy comprehension of overall risks of cardiovascular disease. Chapters generate awareness among common people about the risks so that the cost of intensive care units can be prevented, thus the economy of the country.

⇒ Ausführliche Angaben: HT020308342

Kumar, Ashok: Nanofibers
English. Inhaltliche Zusammenfassung: “There’s Plenty of Room at the Bottom” this was the title of the lecture Prof. Richard Feynman delivered at California Institute of Technology on December 29, 1959 at the American Physical Society meeting. He considered the possibility to manipulate matter on an atomic scale. Indeed, the design and controllable synthesis of nanomaterials have attracted much attention because of their distinctive geometries and novel physical and chemical properties. For the last two decades nano-sized materials in the form of nanofibers, nanoparticles, nanotubes, nanoclays, nanorods, nanodisks, nanoribbons, nanowhiskers et cetera have been investigated with increased interest due to their enormous advantages, such as large surface area and active surface sites.

⇒ Ausführliche Angaben: HT020309538

Kumar, Manoj: Holographic Materials and Applications
English. Inhaltliche Zusammenfassung: Optical techniques continue to evolve and advance, particularly with the inventions of the laser and holography. This volume provides an introduction to various optical systems and devices that are increasingly being used for engineering, scientific, and industrial applications. Organized into three sections on Holographic Materials, Optical Systems, and Algorithms and Imaging Processing, this book covers basic concepts of holographic materials and systems. Chapters provide comprehensive information on volume holograms, display holograms, full-color holographic optical elements, computer-generated holograms, digital imaging devices, and image processing algorithms. This volume is intended for researchers in the field and interested readers alike.

⇒ Ausführliche Angaben: HT020309507

Kumar, Pushpam / Managi, Shunsuke: Inclusive Wealth Report 2018
English. Inhaltliche Zusammenfassung: The Inclusive Wealth Index provides important insights into long-term economic growth and human well-being. The Index measures the wealth of nations through a comprehensive analysis of a country’s productive base and the country’s wealth in terms of progress, well-being and long-term sustainability. It measures all assets which human well-being is based upon, in particular, produced, human and natural capital to create and maintain human well-being over time.

⇒ Ausführliche Angaben: HT020310230

Kumar, Vijay: Sepsis
English. Inhaltliche Zusammenfassung: The book entitled Sepsis will provide a great and up-to-date information in this field to students and researchers involved in sepsis research with its chapters targeting host-pathogen interaction at a metabolic level during sepsis pathogenesis, how age affects sepsis pathogenesis and its outcome in old-age population as compared to young population, sepsis-associated acute organ injury mainly targeting acute kidney injury in sepsis, and kallistatin as host-derived immunomodulatory mechanism during sepsis, along with developments in techniques required for early diagnosis of sepsis and sepsis-associated encephalitis, a devastating medical condition observed during severe sepsis. The book is written by experts in their fields associated with sepsis, a critical condition needing great medical attention.

⇒ Ausführliche Angaben: HT020308382
Kumar, Vijay: Vaccines - the History and Future
English. Inhaltliche Zusammenfassung: Vaccines is a well-written book on the subject of providing crucial information to students and researchers in the field of vaccinology. The introductory chapter, contributed by the editor (Dr. Vijay Kumar) of the book, provides the brief introduction to the history of the development of current forms of vaccine, which is difficult to find easily in one place. In addition, other chapters of the book are written by experts in the field. For example, the second chapter looks at the emerging role of developing countries in the innovation and production of vaccines. Other chapters provide information regarding different types of vaccines, development of vaccines for zoonotic viral infections, and regulatory affairs for genetically modified organism vaccines.
⇒ Ausführliche Angaben: HT020309522

Kumar, Yashwant: Antimicrobial Resistance - A Global Threat
English. Inhaltliche Zusammenfassung: The discovery of antibiotics was considered a milestone in health sciences and became the mainstay of antimicrobial therapy to treat and control bacterial infections. However, its utility has subsequently become limited, due to the emergence and spread of antimicrobial resistance among different bacterial species, which has emerged as a global threat. The development and spread of antimicrobial resistance have been attributed to many factors, including indiscriminate use of antibiotics in the healthcare and livestock industries. The present scenario of antibiotic resistance urgently requires interventions in terms of development of newer antimicrobials, evaluation of alternative therapies, and formulation of stringent policies to curb indiscriminate use of antimicrobials. This book highlights the importance and development of antimicrobial resistance in zoonotic, environmental and food bacteria, including the significance of candidate alternative therapies.
⇒ Ausführliche Angaben: HT020309367

Kumavath, Ranjith N.: Antibacterial Agents
English. Inhaltliche Zusammenfassung: New drugs are frequently entering into the market along with the existing drugs. The antibacterial agents can be discussed in five major classes, id est classification based on the type of action, source, spectrum of activity, chemical structure and function. Resistance of bacteria to antibiotics is an urgent problem of the humanity, which leads us to the lack of therapy for serious bacterial infections. Development of new antibiotics has almost ceased in the last decades - even when a new antibiotic is launched, very soon the resistance of bacteria appears. Industrial textiles exposed as awnings, screens, tents; upholstery used in large public areas such as hospitals, hotels and stations; fabrics for transports; protective clothing and personal protective equipment; bed sheets and blankets; textiles left wet between processing steps; intimate apparel, underwear, socks and sportswear, disinfection of air and water for white rooms, hospitals and operating theatres, food and pharma industries, water depuration, drinkable water supplying and air conditioning systems. Many clinicians recommend alternative approaches to using antimicrobial substances. Moreover, the majority of bioagents demonstrate on antibiotics for treatment of a wide range of diseases in human sectors. However, the misuse and mishandling of drugs lead to microbial, particularly bacterial, resistance as well as result in the difficulty of treating microbial diseases. Hence, the proposed book will give more precise information on novel antibacterial compound(s).
⇒ Ausführliche Angaben: HT020308270

Kumavath, Ranjith N.: Metagenomics for Gut Microbes
English. Inhaltliche Zusammenfassung: This book focuses on metagenomics for gut microbiomes. The host is deprived of various benefits derived from the numerous gut microbes for food metabolism and health. However, polysaccharides such as cellulose, xylans, resistant
starch, and inulin that are found in vegetables in our diet are digested by certain species that colonize the intestines. In contrast, metagenomic studies that reiterate microbiome intrinsic factors from particular communities and lifestyles and are extremely important for bacterial communities traveling over a long distance have entered a new era. Predominantly to understand the behavior of organisms and their action in a host, next-generation sequencing will provide a new insight into analyzing the livestock industry, agriculture, and human health risks and will consider for future development novel therapies for various diseases through identification of advanced tools. Hence, the book will give more precise information on the role of gut microbiomes in the host.

⇒ Ausführliche Angaben: HT020308699

**Kummoona, Raja: Bone Grafting - Recent Advances with Special References to Cranio-Maxillofacial Surgery**
English. Inhaltliche Zusammenfassung: This valuable book presents clinical experiences and research of bone grafting. Bone grafting is an essential technique practiced by craniofacial, maxillofacial, orthopedic, neuro, reconstructive and oral surgeons. Bone grafting can be used for reconstruction and restoring missing bone in trauma and tumor surgery of the facial bone or in road traffic accidents with multiple injuries and in post-traumatic missile war injuries to the face or limbs. Bone grafts, in the form of Kummoona Chondro-Ossous graft or Costo-Chondral graft, are used for reconstruction of damage TMJ for restoration of growth, function, and repair. Bone grafting is a surgical procedure where the iliac crest or rib or tibia is used to perform grafting. In this book, we examine the experimental studies on rabbits to understand the cellular changes associated with bone grafting. From this, we noticed that mesenchymal stem cells and growth factor are released from platelets and these play an important role in healing the bone graft. We recommend this valuable book to all cranio-maxillofacial, orthopedic, plastic, reconstructive, neuro and oral surgeons and to all postgraduate students studying bone grafting.

⇒ Ausführliche Angaben: HT020309168

**Kuo, Chang-Hung: Tribology - Lubricants and Lubrication**
English. Inhaltliche Zusammenfassung: In the past decades, significant advances in tribology have been made as engineers strive to develop more reliable and high performance products. The advancements are mainly driven by the evolution of computational techniques and experimental characterization that leads to a thorough understanding of tribological process on both macro- and microscales. The purpose of this book is to present recent progress of researchers on the hydrodynamic lubrication analysis and the lubrication tests for biodegradable lubricants.

⇒ Ausführliche Angaben: HT020307789

**Kurouski, Dmitry: Amyloid Diseases**
English. Inhaltliche Zusammenfassung: Neurodegenerative diseases are severe, rapidly developing, and currently incurable conditions that result in progressive degeneration and the death of neurons. This causes dementia, movement problems, and essentially loss of personal identity. Amyloids attempts to answer the following questions: (1) why do we develop these severe neurodegenerative diseases? (2) what histological and physiological changes are observed upon development and progression of these diseases? and (3) how can we treat amyloid-associated diseases?.

⇒ Ausführliche Angaben: HT020309450

**Kusch, Peter: Analytical Pyrolysis**
English. Inhaltliche Zusammenfassung: Analytical pyrolysis deals with the structural identification and quantitation of pyrolysis products with the ultimate aim of establishing the
identity of the original material and the mechanisms of its thermal decomposition. The pyrolytic process is carried out in a pyrolyzer interfaced with analytical instrumentation such as gas chromatography (GC), mass spectrometry (MS), gas chromatography coupled with mass spectrometry (GC/MS), or with Fourier-transform infrared spectroscopy (GC/FTIR). By measurement and identification of pyrolysis products, the molecular composition of the original sample can often be reconstructed. This book is the outcome of contributions by experts in the field of pyrolysis and includes applications of the analytical pyrolysis-GC/MS to characterize the structure of synthetic organic polymers and lignocellulosic materials as well as cellulose pulps and isolated lignins, solid wood, waste particle board, and bio-oil. The thermal degradation of cellulose and biomass is examined by scanning electron microscopy, FTIR spectroscopy, thermogravimetry (TG), differential thermal analysis, and TG/MS. The calorimetric determination of high heating values of different raw biomass, plastic waste, and biomass/plastic waste mixtures and their by-products resulting from pyrolysis is described.

Kusch, Peter: Gas Chromatography - Derivatization, Sample Preparation, Application
English. Inhaltliche Zusammenfassung: Gas chromatography (GC) is one of the most important types of chromatography used in analytical chemistry for separating and analyzing chemical organic compounds. Today, gas chromatography is one of the most widespread investigation methods of instrumental analysis. This technique is used in the laboratories of chemical, petrochemical, and pharmaceutical industries, in research institutes, and also in clinical, environmental, and food and beverage analysis. This book is the outcome of contributions by experts in the field of gas chromatography and includes a short history of gas chromatography, an overview of derivatization methods and sample preparation techniques, a comprehensive study on pyrazole mass spectrometric fragmentation, and a GC/MS/MS method for the determination and quantification of pesticide residues in grape samples.

Kushan, Melih Cemal: Aircraft Technology
English. Inhaltliche Zusammenfassung: It is well known that improvements in space and aviation are the leader of today's technology, and the aircraft is the most important product of aviation. Because of this fact, the books on aircraft are always at the center of interest. In most cases, technologies designed for the aerospace industry are rapidly extending into other areas. For example, although composite materials are developed for the aerospace industry, these materials are not often used in aircraft. However, composite materials are utilized significantly in many different sectors, such as automotive, marine and civil engineering. And materials science in aviation, reliability and efficiency in aircraft technology have a major importance in aircraft design.

Kutlubay, Zekayi / Serdaroglu, Server: Fundamentals of Sexually Transmitted Infections
English. Inhaltliche Zusammenfassung: This textbook includes the recent progresses and scientific knowledge from the leading experts in different approaches to control, diagnosis, and management depending on resources and facilities available. This book has been written by our colleagues from all over the world. This book is divided into six sections. Each section supplies particularly sexually transmitted infections, diagnostics, microorganism types, pathogenesis, and treatment options. Essential points in publishing this book are to improve our knowledge about sexually transmitted infections and new treatment modalities. One chapter of the book is devoted to viral infections and their treatment. We think that this textbook will serve as a comprehensive guide to many physicians dealing with sexually transmitted infections in their clinical practice. It will hopefully be a precious source for dermatologists, educators, other physicians, and medical students.
Kutschera, Franz von: Grundlagen der Ethik
German.
⇒ Ausführliche Angaben: HT020309985

Kuzmiak, Cherie M.: Breast Imaging
English. Inhaltsliche Zusammenfassung: Early detection of breast cancer with screening mammography is still the best method we have in saving countless women's lives and decreasing the harms of overtreatment. This textbook encompasses relevant topics in daily patient care with breast imaging to technical innovations for improving breast cancer detection and treatment.
⇒ Ausführliche Angaben: HT020308542

Kvaalvaag, Robert W. / Winje, Geir: A God of Time and Space
English. Inhaltsliche Zusammenfassung: This book is a collection of essays on Bob Dylan and religion. The eight scientific essays present new perspectives on the subject, aiming to elucidate the role played by religion in Bob Dylan's artistic output and in the reception history of some of his songs. Few would dispute the fact that religion or religious traditions and the use of religious imagery have always played an important role in Dylan's artistry. Scholars agree that the term "religion" is ambiguous and not easy to define, and a critical attitude to the whole concept of religion is traceable in Dylan's lyrics. However, in several interviews Dylan has also revealed a positive attitude towards religion, and explained that the source of his religiosity is in the music and in old, traditional songs.
⇒ Ausführliche Angaben: HT020310488

Kwan, Mei-Po: Human Mobility, Spatiotemporal Context, and Environmental Health: Recent Advances in Approaches and Methods
Eng. Inhaltsliche Zusammenfassung: Environmental health researchers have long used concepts like the neighborhood effect to assessing people's exposure to environmental influences and the associated health impact. However, these are static notions that ignore people's daily mobility at various spatial and temporal scales (e.g., daily travel, migratory movements, and movements over the life course) and the influence of neighborhood contexts outside their residential neighborhoods. Recent studies have started to incorporate human mobility, non-residential neighborhoods, and the temporality of exposures through collecting and using data from GPS, accelerometers, mobile phones, various types of sensors, and social media. Innovative approaches and methods have been developed. This Special Issue aims to showcase studies that use new approaches, methods, and data to examine the role of human mobility and non-residential contexts in human health behaviors and outcomes. It includes 21 articles that cover a wide range of topics, including individual exposure to air pollution, exposure and access to green spaces, spatial access to healthcare services, environmental influences on physical activity, food environmental and diet behavior, exposure to noise and its impact on mental health, and broader methodological issues such as the uncertain geographic context problem (UGCoP) and the neighborhood effect averaging problem (NEAP). This collection will be a valuable reference for scholars and students interested in recent advances in the concepts and methods in environmental health and health geography.
⇒ Ausführliche Angaben: HT020307390

Kyprianidis, Konstantinos G. / Skvaril, Jan: Developments in Combustion Technology
English. Inhaltsliche Zusammenfassung: Over the past few decades, exciting developments
have taken place in the field of combustion technology. The present edited volume intends to cover recent developments and provide a broad perspective of the key challenges that characterize the field. The target audience for this book includes engineers involved in combustion system design, operational planning and maintenance. Manufacturers and combustion technology researchers will also benefit from the timely and accurate information provided in this work. The volume is organized into five main sections comprising 15 chapters overall: - Coal and Biofuel Combustion - Waste Combustion - Combustion and Biofuels in Reciprocating Engines - Chemical Looping and Catalysis - Fundamental and Emerging Topics in Combustion Technology.

⇒ Ausführliche Angaben: HT020309613

**Kyzas, George Z. / Mitropoulos, Athanasios C.: Kinetic Theory**

English. Inhaltliche Zusammenfassung: The world is governed by motions. The term kinetics partially originated from the Greek word kinisis, which means motion. How important is motion in our life is easily understood. But, how the kinetic theories have been developed during years? Which are the new kinetic theories and updates in recent years? This question and many others can be answered with this book. Some important areas discussed in this book are the kinetic theory of gases, kinetic theory of liquids and vapors, thermodynamic aspects, transportation phenomena, adsorption-kinetic theories, linear and nonlinear kinetic equations, quantum kinetic theory, kinetic theory of nucleation, plasma kinetic theory, and relativistic kinetic theory.

⇒ Ausführliche Angaben: HT020308575

**Kyzas, George Z. / Mitropoulos, Athanasios Ch.: Graphene Materials - Structure, Properties and Modifications**

English. Inhaltliche Zusammenfassung: Graphene is, basically, a single atomic layer of graphite, an abundant mineral that is an allotrope of carbon that is made up of very tightly bonded carbon atoms organized into a hexagonal lattice. What makes graphene so special is its sp2 hybridization and very thin atomic thickness (of 0.345 Nm). These properties are what enable graphene to break so many records in terms of strength, electricity, and heat conduction (as well as many others). This book gathers valuable information about the surface chemistry of graphene, some of its properties (electrical, mechanical, et cetera), and many of its modifications that can be taken into account.

⇒ Ausführliche Angaben: HT020308252

**Lagali, Neil: Confocal Laser Microscopy - Principles and Applications in Medicine, Biology, and the Food Sciences**

English. Inhaltliche Zusammenfassung: Neil S. Lagali, PhD, obtained undergraduate (McMaster University) and graduate (University of Alberta) degrees in Canada. He has had several years of industry experience and held postdoctoral fellowships in Canada, The Netherlands, and Sweden. He has published over 35 peer-reviewed articles in international journals in the fields of engineering, biomedical optics, biomaterials, ophthalmology, and translational medicine. He has co-authored several book chapters, and holds patents in the fields of optical devices, biosensors, and non-invasive imaging methods. He gives numerous lectures and courses on microscopy and clinical imaging, is a regular invited speaker and session organizer at international conferences, and is an associate editor for the journal BMC Ophthalmology. Dr. Lagali is with the Department of Clinical and Experimental Medicine, Linkoping University, Sweden.

⇒ Ausführliche Angaben: HT020307952

**Lains, Pedro / Dormois, Jean-Pierre: Classical Trade Protectionism 1815-1914**
English. Inhaltliche Zusammenfassung: Including contributions from such figures as Douglas Irwin, James Foreman-Peck, Kevin O'Rourke and Max-Stefan Schulze, this key book summarizes the recent empirical research carried out on the issue of the classical period of trade protectionism. It provides a basis for revising widely held views on the standard effects of tariffs on economic structures and progress, as well as a historical perspective on recent developments. Long-held views on modern trade policies have been challenged by the introduction of recent theoretical developments in international economics and in measurement techniques brought about in the 1960s and 70s. One question in particular has attracted attention and has contributed to the bringing to light of a number of previously ignored measurement and interpretation problems: the assessment of French and British nineteenth century trade policies. This noteworthy volume examines the theoretical and practical problems associated with the assessment and measurement of the direct impact of tariffs, prohibitions and quotas on domestic prices, output structure and competitiveness. The contributors also examine the direct and long-run consequences of protectionist measures on particular economies, utilizing evidence from in-depth investigations of trade statistics as well as ‘best practice’ statistical techniques such as effective protection, elasticity of demand and revealed comparative advantage.

⇒ Ausführliche Angaben: HT020310289

Lake, Anda / Mukupavela, Ruta: Chapter 3 Comparative aspects of the Song and Dance Celebration of the Baltic countries in the context of nation-branding processes
English. Inhaltliche Zusammenfassung: This chapter focuses on an analysis of the SDC in the context of the development of nation-branding. Two ways of developing international recognition can be outlined: special strategies created by experts and spontaneous, endogenous branding, stemming from traditional cultural symbols important to people. At the beginning of the twenty-first century, the Baltic countries were involved in a purposeful state-financed policy to create their nation brands. During this process, the use of the informal symbol of ‘singing nations’, typical of the Baltic countries, was consciously avoided because of the recommendations of nation-branding professionals. Nevertheless, this symbol, expressed in the form of the SDC, is an important and influential agent from the cultural, social, ideological and economic point of view, as well as in contexts of international communication.

⇒ Ausführliche Angaben: HT020310418

Lakshmanadoss, Umashankar: Cardiac Arrhythmias
English. Inhaltliche Zusammenfassung: This book is a comprehensive and practical updated review about the various aspects of cardiac arrhythmias. It covers a variety of aspects of both atrial and nonatrial arrhythmias, including genetics, clinical aspects, ECG manifestations, and practical approaches to complex cardiac arrhythmia management - office, hospital, intensive care unit, electrophysiology laboratory, and operating room. This book also presents comprehensive ECG reviews of cardiac arrhythmias like atrial flutter, Brugada pattern, Bjerko ECG pattern, and PVCs. Practical aspects of preventing and managing arrhythmias - central venous catheter-induced, atrial flutter, and drug-induced cardiac arrhythmias - are described. Experts have demonstrated the approach for mapping and ablation of complex arrhythmias like atrial flutter, idopathic ventricular tachycardia, and Brugada syndrome.

⇒ Ausführliche Angaben: HT020308780

Lakshmanadoss, Umashankar: Echocardiography in Heart Failure and Cardiac Electrophysiology
English. Inhaltliche Zusammenfassung: The world of echocardiography continues to be full of exciting new technological developments with an ultimate goal of better patient care. In this book, titled Echocardiography in Heart Failure and Cardiac Electrophysiology, authors
from various parts of the world contributed to the advancement of the field. We have included various chapters about the use of echocardiography and modalities of imaging in various common clinical scenarios - ranging from evaluation of commonly ignored right ventricle, imaging in congestive heart failure, to echocardiographic evaluation of critically ill patients. We have also included topics describing the use of echocardiography in cardiac electrophysiology with special interest to cardiac resynchronization therapy and atrial fibrillation ablation. These topics would be of great interest to the clinicians whether they are trainees, physicians, advanced care providers, or anyone involved in the patient care.

⇒ Ausführliche Angaben: HT020308065

**Lakshmanan, Arunachalam: Sintering of Ceramics - New Emerging Techniques**


English. Inhaltsliche Zusammenfassung: The chapters covered in this book include emerging new techniques on sintering. Major experts in this field contributed to this book and presented their research. Topics covered in this publication include Spark plasma sintering, Magnetic Pulsed compaction, Low Temperature Co-fired Ceramic technology for the preparation of 3-dimesinal circuits, Microwave sintering of thermistor ceramics, Synthesis of Bio-compatible ceramics, Sintering of Rare Earth Doped Bismuth Titanate Ceramics prepared by Soft Combustion, nanostructured ceramics, alternative solid-state reaction routes yielding densified bulk ceramics and nanopowders, Sintering of intermetallic superconductors such as MgB2, impurity doping in luminescence phosphors synthesized using soft techniques, et cetera Other advanced sintering techniques such as radiation thermal sintering for the manufacture of thin film solid oxide fuel cells are also described.

⇒ Ausführliche Angaben: HT020307867

**Lal, Brij V.: Levelling Wind**


English. Inhaltsliche Zusammenfassung: 'What I have sought to do in my work is to give voiceless people a voice, place and purpose, the sense of dignity and inner strength that comes from never giving up no matter how difficult the circumstances. History belongs as much to the vanquished as to the victors.' - Brij V. Lal. 'Professor Brij Lal is the finest historian of the Indian indentured experience and the Indian diaspora. His Girmityias is a classic.' - Emeritus Professor Clem Seecharan, London Metropolitan University. 'Brij Lal is a highly respected, versatile and imaginative scholar who has made a lasting contribution to the historiography of the Pacific.' - Dr Rod Alley, Victoria University of Wellington. 'Professor Brij Lal’s life is a remarkable journey of a scholar and an intellectual whose writings are truly transformative; a man of moral clarity and courage who also has deep pain at being cut off from his homeland.' - Professor Michael Wesley, Dean of the College of Asia and the Pacific, The Australian National University. 'Brij Lal is a singular scholar, whose work has spanned disciplines - from history, political commentary, encyclopedia, biography and “faction”. Brij is without doubt the most eminent scholar in the humanities and social sciences Fiji has ever produced. He also remains one of the most significant public intellectuals of his country, despite having been banned from entering it in 2009.’ - Emeritus Professor Clive Moore, University of Queensland. 'Brij Lal is an accomplished and versatile historian and true son of Fiji. Above all, there is affirmation here of the enduring worth of good literature and the value of good education that Lal received and wants others to experience. The world needs more Lals who speak out against ruling opinions and dare to stray into the pastures of independent thought.’ - Professor Doug Munro, historian and biographer, Wellington, and Adjunct Professor at the University of Queensland.

⇒ Ausführliche Angaben: HT020309854

**Lallart, Mickaël: Ferroelectrics - Applications**


English. Inhaltsliche Zusammenfassung: Ferroelectric materials have been and still are widely used in many applications, that have moved from sonar towards breakthrough technologies such as memories or optical devices. This book is a part of a four volume collection (covering
material aspects, physical effects, characterization and modeling, and applications) and focuses on the application of ferroelectric devices to innovative systems. In particular, the use of these materials as varying capacitors, gyroscope, acoustics sensors and actuators, microgenerators and memory devices will be exposed, providing an up-to-date review of recent scientific findings and recent advances in the field of ferroelectric devices.

⇒ Ausführliche Angaben: HT020307758

**Lallart, Mickaël: Ferroelectrics - Characterization and Modeling**
English. Inhaltliche Zusammenfassung: Ferroelectric materials have been and still are widely used in many applications, that have moved from sonar towards breakthrough technologies such as memories or optical devices. This book is a part of a four volume collection (covering material aspects, physical effects, characterization and modeling, and applications) and focuses on the characterization of ferroelectric materials, including structural, electrical and multiphysic aspects, as well as innovative techniques for modeling and predicting the performance of these devices using phenomenological approaches and nonlinear methods. Hence, the aim of this book is to provide an up-to-date review of recent scientific findings and recent advances in the field of ferroelectric system characterization and modeling, allowing a deep understanding of ferroelectricity.

⇒ Ausführliche Angaben: HT020307757

**Lallart, Mickaël: Ferroelectrics - Material Aspects**
English. Inhaltliche Zusammenfassung: Ferroelectric materials have been and still are widely used in many applications, that have moved from sonar towards breakthrough technologies such as memories or optical devices. This book is a part of a four volume collection (covering material aspects, physical effects, characterization and modeling, and applications) and focuses on ways to obtain high-quality materials exhibiting large ferroelectric activity. The book covers the aspect of material synthesis and growth, doping and composites, lead-free devices, and thin film synthesis. The aim of this book is to provide an up-to-date review of recent scientific findings and recent advances in the field of ferroelectric materials, allowing a deep understanding of the material aspects of ferroelectricity.

⇒ Ausführliche Angaben: HT020307760

**Lallart, Mickaël: Ferroelectrics - Physical Effects**
English. Inhaltliche Zusammenfassung: Ferroelectric materials have been and still are widely used in many applications, that have moved from sonar towards breakthrough technologies such as memories or optical devices. This book is a part of a four volume collection (covering material aspects, physical effects, characterization and modeling, and applications) and focuses on the underlying mechanisms of ferroelectric materials, including general ferroelectric effect, piezoelectricity, optical properties, and multiferroic and magnetoelectric devices. The aim of this book is to provide an up-to-date review of recent scientific findings and recent advances in the field of ferroelectric systems, allowing a deep understanding of the physical aspect of ferroelectricity.

⇒ Ausführliche Angaben: HT020307759

**Lallart, Mickael: Small-Scale Energy Harvesting**
English. Inhaltliche Zusammenfassung: The purpose of this book is to provide an up-to-date view of latest research advances in the design of efficient small-scale energy harvesters through contributions of internationally recognized researchers. The book covers the physics of the energy conversion, the elaboration of electroactive materials and their application to the conception of a complete microgenerator, and is organized according to the input energy source. I sincerely hope you will find this book as enjoyable to read as it was to edit, and that it will help your research and/or give new ideas in the wide field of energy harvesting.

⇒ Ausführliche Angaben: HT020309588
Lamamra, Nadia / Berger, Jean-Louis / Bonoli, Lorenzo: Enjeux de la formation professionnelle en Suisse
French. Inhaltliche Zusammenfassung: The Swiss vocational education and training model is at the heart of an unprecedented enthusiasm. Both in Switzerland and abroad, it is praised for its management based on a public-private partnership, for its ability to integrate a large number of young people in beyond mandatory education and, finally, for the quality of the training provided which is in line with the labour market needs. However, these assets may hide the high complexity of this model and the challenges it currently faces and will face in the future. Gathering thirteen chapters from specialists, this book offers a close look at the Swiss vocational education and training model. It provides the factual information and the theoretical tools necessary to understand its complexity and identify its major challenges.
⇒ Ausführliche Angaben: HT020307627

de. Inhaltliche Zusammenfassung: Wilhelm Grewe (1911-2000) began his career as a professor of international law under the Third Reich. In the immediate postwar period, he already strongly advocated a legal framework for relations between the Occupying Powers and Germany. In 1951, Konrad Adenauer entrusted him with the negotiations on the General Treaty on Germany ("Deutschlandvertrag"). This case study, the first on Wilhelm Grewe, analyses his influence on the negotiations on the sovereignty and Western integration of the Federal Republic during the period from 1948-55. The study particularly highlights the practicalities of day-to-day operations and decision-making processes at the advisory level. It also assesses Grewe’s scope for action at the national and international levels. Another key element in evaluating his influence is the interaction between policy and international law. The author is Maître de conférences at the University of Nantes.
⇒ Ausführliche Angaben: HT020307569

Lamchich, Moulay Tahar: Compendium of New Techniques in Harmonic Analysis
English. Inhaltliche Zusammenfassung: Harmonic analysis is a diverse field including such branches as signal processing, medical imaging, power electrical systems, wireless telecommunications, et cetera. This book is primarily written with the objective of providing recent developments and new techniques in harmonic analysis. In the recent years, a number of methods of quality control of signals under different perturbations, and especially the harmonics, have emerged. Some of these techniques are described in this book. This book is the result of contributions from many researchers and is a collection of eight research works, which are focused around the harmonic analysis theme but with different applications. The topics mainly concern the areas of medical imaging, biopotential systems, renewable energy conversion systems, wireless telecommunications, power converters, as well as the different techniques for estimating, analyzing, reducing, and eliminating harmonics.
⇒ Ausführliche Angaben: HT020308949

Lameed, Gbolagade Akeem: Biodiversity Enrichment in a Diverse World
English. Inhaltliche Zusammenfassung: This book - Biodiversity Enrichment in a Diverse World - considered biodiversity (plants, animals, fungi, and microbes) from three different angles: genetics, species, and ecosystems. The relationships between them are complex and it looks at these aspects from different angles and also various interventions at different levels. The scientific approach of the book demonstrates that the three levels are closely interconnected and action is therefore needed to conserve and protect the systems if the benefits provided to human life will continue to be available. However, conservation of the biological diversity is essentially an umbrella term for traditional species, relationship to human health, ecosystem conservation and the need to manage the human use of the species and ecosystems in a sustainable way.
English. Inhaltliche Zusammenfassung: The book, Global Exposition of Wildlife Management, covers five research topics connected to wildlife management. From conservation and domestication of species from the wild, the socioeconomic importance of wildlife to Tuberculosis within wildlife species as an emerging health threat for both wildlife and humans. Topics presented also discuss bush-meat utilization and its impact on biodiversity conservation, community forestry management and its role in biodiversity conservation, food and feeding ecology, urban forestry, and integrated island management for ecologically sensitive areas. This book also presents wildlife conservation research using a public aquarium as a case study. Each chapter gives special reference to the prevailing problems in wildlife conservation and hopes to provide possible solutions.

German. Inhaltliche Zusammenfassung: After cardiovascular illnesses, non-malignant diseases of the digestive tract are the most common illnesses affecting Germans, resulting in around 2 million hospitalizations every year. With the updated White Paper, the German Society for Digestive and Metabolic Diseases (DGVS) offers a validated scientific and statistical foundation to underpin the discussion of the present and future status of gastrointestinal diseases in Germany.

Landau, Peter: Rechtsphilosophie unter der Diktatur

Landauer, Martin: Die staatliche Verantwortung für die stationäre Langzeitpflege in England und Deutschland

⇒ Ausführliche Angaben: HT020307587

**Landmann, Michael: De homine**
⇒ Ein Buch
- **Magazin**: 16=i2019 / 91
⇒ RPB (Rheinland-Pfalzische Bibliographie):
- 480
⇒ Schlagwörter:
- Geschichte
- Philosophische Anthropologie
⇒ Ausführliche Angaben: HT000980757

**Landmann, Michael: Fundamental-Anthropologie**
⇒ Ein Buch
- **Magazin**: 16=16 / 85 / 122
⇒ Regensburger Verbundklassifikation:
- BF 8050 BF 8050
- CC 6500 CC 6500
- CC 6600 CC 6600
⇒ RPB (Rheinland-Pfalzische Bibliographie):
- 400
⇒ Schlagwort: Philosophische Anthropologie
⇒ Ausführliche Angaben: HT002489814

**Landsberger, Stefan: Beijing Garbage: A City Besieged by Waste**
English. Inhaltliche Zusammenfassung: Why do central and local government initiatives aiming to curb the proliferation of garbage in Beijing and its disposal continue to be unsuccessful? Is the Uberization of waste picking through online-to-offline (O2O) garbage retrieval companies able to decrease waste and improve the lives of waste pickers? Most citizens of Beijing are well aware of the fact that their city is besieged by waste. Yet instead of taking individual action, they sit and wait for the governments at various levels to tell them what to do. And even if/when they adopt a proactive position, this does not last. Official education drives targeting the consumers are organized regularly and with modest success, but real solutions are not forthcoming. Various environmental non-governmental organizations are at work to raise the level of consciousness of the population, to change individual attitudes towards wasteful behavior, but seemingly with little overall effects.
⇒ Ausführliche Angaben: HT020309804

**Lanwer, Jens Philipp: Regionale Alltagssprache. Theorie, Methodologie und Empirie einer gebrauchsisierten Areallinguistik**
German. Inhaltliche Zusammenfassung: This study focuses on a previously untapped interface between discourse and areal linguistics. It assigns a different primary status to usage at the stage of theory development. Using actual discourse data from Northern Germany, it
provides an integrated comparative description of areal linguistic variations in terms of their linguistic structure and discursive function.

⇒ Ausführliche Angaben: HT020309925

Lanza, Michele: A Practical Guide to Clinical Application of OCT in Ophthalmology
English. Inhaltliche Zusammenfassung: I am very proud and excited to introduce to you this book, which provides many interesting indications on how to better understand and handle the world of optical coherence tomography (OCT). Reading the chapters, you will be aware that this device is extremely important not just in the clinical practice of retinal diseases, but is also very useful as a surgical tool. Moreover, application of OCT has crossed the borders of the retina and is currently being applied to corneal diseases and glaucoma. I am confident you will find enough useful information to improve your practice using OCT and to provide a better quality of care for your patients.

⇒ Ausführliche Angaben: HT020309501

Lanza, Michele: OCT - Applications in Ophthalmology
English. Inhaltliche Zusammenfassung: I am very proud and excited to introduce to you this book, which provides many interesting indications on how to better understand and handle the world of optical coherence tomography (OCT). Reading the chapters, you will be aware that this device is extremely important not just in the clinical practice of retinal diseases, but is also very useful as a surgical tool. Moreover, application of OCT has crossed the borders of the retina and is currently being applied to corneal diseases and glaucoma. I am confident you will find enough useful information to improve your practice using OCT and to provide a better quality of care for your patients.

⇒ Ausführliche Angaben: HT020309003

Laplace, Lorenz: Geld verdienen mit Sportwetten
⇒ Ein Medium
   - Freihand:
⇒ DDC (Dewey Decimal Classification):
   - 793DNB 793DNB
⇒ DDC (Dewey Decimal Classification):
   - 79323ndnb 79323ndnb
⇒ Ausführliche Angaben: HT020314906

Laratta, Rosario: An Analysis of Contemporary Social Welfare Issues
English. Inhaltliche Zusammenfassung: This book offers a sharp critique and a detailed analysis of some pernicious social welfare problems and the wide-ranging causes and consequences of those complex social issues on individuals, families, and communities. Unemployment, health-care disparities, teenage pregnancy, and intimate partner violence constitute the focus of this work. Based on empirical and historical analyses of primary and secondary data, the book provides a conceptual framework that facilitates the readers understanding of how those social issues are interrelated. Each chapter offers some clear policy recommendations directed to address those social problems. Written by well-published scholars, this work will be of great interest not only to students majoring in the social and political sciences but also to academics and practitioners active in the field of social welfare, social policy, and social work.

⇒ Ausführliche Angaben: HT020308064
Larramendy, Marcelo L. / Soloneski, Sonia: Emerging Pollutants - Some Strategies for the Quality Preservation of Our Environment
English. Inhaltliche Zusammenfassung: This edited book, Emerging Pollutants - Some Strategies for the Quality Preservation of Our Environment, contains a series of chapters providing some strategies for the preservation of our environmental quality focusing on the different categories of environmental pollutants and their negative consequences on living organisms.
⇒ Ausführliche Angaben: HT020308817

Larramendy, Marcelo L. / Soloneski, Sonia: Genotoxicity - A Predictable Risk to Our Actual World
English. Inhaltliche Zusammenfassung: This book is designed to provide an overview of the different genotoxicants and their effects on living organisms, including humans. The contributions made by the specialists in this field of research are gratefully acknowledged. We hope that the information presented in this book will meet the expectations and needs of all those interested in the different aspects of the genotoxicity field. The publication of this book is of great importance to those scientists, pharmacologists, physicians and veterinarians, as well as engineers, teachers, graduate students and administrators of environmental programmes, who make use of these investigations to understand both the basic and applied genotoxic aspects of known and new xenobiotics, and to guide them in their future investigations.
⇒ Ausführliche Angaben: HT020308830

Larramendy, Marcelo L. / Soloneski, Sonia: Green Nanotechnology - Overview and Further Prospects
English. Inhaltliche Zusammenfassung: This book, Green Nanotechnology - Overview and Further Prospects, is intended to provide an overview and practical examples of the use of nanomaterials in the new scientific challenges of the green nanotechnology world. We aimed to compile information from a diversity of sources into a single volume to give some real examples, extending the concept that green nanotechnology is far from being a scientific conundrum, and instead a real answer to some of the actual problems the whole planet is dealing with.
⇒ Ausführliche Angaben: HT020308019

Larramendy, Marcelo L. / Soloneski, Sonia: Integrated Pest Management and Pest Control - Current and Future Tactics
English. Inhaltliche Zusammenfassung: Integrated Pest Management is an effective and environmentally sensitive approach that relies on a combination of common-sense practices. Its programs use current and comprehensive information on the life cycles of pests and their interactions with the environment. This information, in combination with available pest control methods, is used to manage pest damage by the most economical means and with the least possible hazard to people, property, and the environment.
⇒ Ausführliche Angaben: HT020307858

Larramendy, Marcelo L. / Soloneski, Sonia: Nanomaterials - Toxicity and Risk Assessment
English. Inhaltliche Zusammenfassung: This edited book, Nanomaterials - Toxicity and Risk Assessment, is a collection of current research and information on numerous advances on the toxicity and hazardous effects of nanomaterials, including theoretical and experimental approaches as well as nanotechnology applications in the field of medicine, pharmacology, and the manufacture of nanoscale materials. Based on the large number of nanomaterial applications, a careful understanding of the associated systemic and local toxicity is critically required.
Larramendy, Marcelo L. / Soloneski, Sonia: Toxicology - New Aspects to This Scientific Conundrum
English. Inhaltliche Zusammenfassung: This edited book, Toxicology - New Aspects to This Scientific Conundrum, is intended to provide an overview on the different xenobiotics employed every day in our anthropogenic activities. We hope that this book will continue to meet the expectations and needs of all interested in the implications for the living species of known and new toxicants and to guide them in the future investigations.

Larramendy, Marcelo L.: Telomere - A Complex End of a Chromosome
English. Inhaltliche Zusammenfassung: This book, Telomere - A Complex End of a Chromosome, is organized into nine chapters containing the latest aspects of the current knowledge about the structure of telomeres and the crucial role that telomerase plays not only in maintaining chromosomal stability but also in relation to cell immortality, cell instability, and cancer biology. We now appreciate that these unusual complexes of DNA and proteins we all know as telomeres are dynamic and key structures that depend on telomerase and other cellular factors for continuance. Regulation of telomere activity is a dynamic area of current research, and new insights into telomeres and their role in aging and cancer, among other biological functions and pathologies, appear regularly in the scientific world. However, one fact is more than understandable in this difficult biological conundrum: the end of the telomere story is far from being totally unraveled.

Larrivee, Denis: Evolving BCI Therapy - Engaging Brain State Dynamics
English. Inhaltliche Zusammenfassung: As a strategic response to cognitive and CNS impairments, BCI is a theoretical outgrowth of several generations of endogenous devices for peripheral nerves, which have as a prime goal the direct replacement of lost neural function. In these earlier applications therapeutic intervention has been premised only on the restoration of signal generating capacity where nerve transmission is largely unidirectional and temporally sequenced. It is increasingly apparent, however, that the brain not only employs a very different type of syntax from that of peripheral nerves but also structures the semantic content of motor activity, fundamentally altering the conception of BCI as a therapeutic medium. The book presented here documents this change, proposing a multi-faceted strategy in which BCI therapy can restore the loss of multi-tiered, brain based motor function.

Larrivee, Denis: Neuroethics in Principle and Praxis - Conceptual Foundations
English. Inhaltliche Zusammenfassung: With the conclusion of the Decade of the Brain and Decade of the Mind, neuroscience has advanced well beyond single neuron functions, and begun to investigate global properties that emerge from central nervous system operation. Core ethical issues for neural intervention, in consequence, now touch on concerns over how the individual as a whole may be affected. Central to these concerns is the fundamental value of the human being, which lends normative weight to questions, interventions, and practices influencing him or her. Yet, despite wide recognition of the crucial relevance of human value, the derivation of metaethical principles that underwrite this value is by no means uniformly agreed to. Why and how the human being is normatively privileged, accordingly, emerge as core questions that frame issues of ethical praxis. This book tackles this dissonance, and exposes the philosophical foundations that are rooting contemporary divisions in ethical approaches to intervention in the nervous system.
Larrivee, Denis: Redirecting Alzheimer Strategy - Tracing Memory Loss to Self Pathology
English. Inhaltliche Zusammenfassung: It is fair to say that no brain disease occupies more research study today than Alzheimers disease (AD). Among the many excellent reasons for this circumstance are the bleak prognosis and relentless progression; large cohorts of baby boomers entering an age of greatly increased cognitive risk; and spectacular advances in medical care that have prolonged lifespan. Often unattributed is the success of the research enterprise that has instilled confidence in ADs ultimate defeat. Yet, despite decades of intense research, AD remains poorly understood, an enigma amid a tide of neuroscientific advance. What these inconclusive results apparently call into question is an understanding of cognition that views it from the bottom up - the study of which is eminently suited by the scientific method - and that dispenses with a philosophy of biology concerned with how organismal properties operate, for which cognition is the medium. Culled from ADs new and old research archives, the chapters in this text accordingly lay out an argument for strategically new pathways that wander through cognitions global terrain and that may ultimately offer surer ground for AD treatment.

Lasfar, Ahmed: Liver Cancer
English. Inhaltliche Zusammenfassung: This book offers remarkable coverage of liver cancer from etiology to prevention and treatment. It provides an updated and new vision of this major cancer that continues to affect hundreds of thousands of people and remains one of the leading causes of cancer deaths around the world. To ensure the high quality of this book, important insights are included and rigorously discussed in a simple and authentic way. The book includes detailed and updated descriptions of the main causes of liver cancer and also the prevention and treatment of this disease. This book is a relevant source of knowledge, very useful for researchers, medical doctors, medical residents, students, healthcare providers, public health decision makers, and all individuals interested in the prevention of this disease.

Lasfar, Ahmed: Myeloid Leukemia
English. Inhaltliche Zusammenfassung: This book offers a remarkable coverage of myeloid leukemia from diagnosis to treatment. It provides an updated and new vision of this multi-faceted disease, regrouping a variety of myeloid disorders. To ensure the high quality of this book, important insights are included and rigorously discussed in a simple and authentic way. This book is a relevant source of knowledge, very useful for researchers, medical doctors, nurses, students and individuals interested in this complex disease.

Laskovski, Anthony N.: Biomedical Engineering, Trends in Electronics, Communications and Software
English. Inhaltliche Zusammenfassung: Rapid technological developments in the last century have brought the field of biomedical engineering into a totally new realm. Breakthroughs in material science, imaging, electronics and more recently the information age have improved our understanding of the human body. As a result, the field of biomedical engineering is thriving with new innovations that aim to improve the quality and cost of medical care. This book is the first in a series of three that will present recent trends in biomedical engineering, with a particular focus on electronic and communication applications. More specifically, wireless monitoring, sensors, medical imaging and the management of medical information.
Laskovski, Anthony N.: Biomedical Engineering, Trends in Materials Science
English. Inhaltliche Zusammenfassung: Rapid technological developments in the last century have brought the field of biomedical engineering into a totally new realm. Breakthroughs in materials science, imaging, electronics and, more recently, the information age have improved our understanding of the human body. As a result, the field of biomedical engineering is thriving, with innovations that aim to improve the quality and reduce the cost of medical care. This book is the second in a series of three that will present recent trends in biomedical engineering, with a particular focus on materials science in biomedical engineering, including developments in alloys, nanomaterials and polymer technologies.
⇒ Ausführliche Angaben: HT020307689

Latosinska, Magdalena / Latosinska, Jolanta Natalia: The Question of Caffeine
English. Inhaltliche Zusammenfassung: Because of its ability to reduce tiredness, sleep deprivation and improve alertness, caffeine emerged in the twenty-first century as a miraculous specific, which allows humans to cross their normal physiological and psychological body limits. Its attractiveness comes from its natural origins and strong psycho-stimulating properties, with relatively weak side effects. Caffeine studies carry the hope to understand the associations between inherited genotype and drug action and to find highly personalized treatments for various diseases, more sophisticated drug delivery systems, safer ways of protecting plants and cheap, renewable fuels. This book consists of chapters covering caffeine history, methods of its determination and not only astonishing medicinal but also non-medicinal applications. It is our hope that every reader will find in this book something interesting, inspiring, informative and stimulating.
⇒ Ausführliche Angaben: HT020308308

Latosinska, Magdalena / Latosinska, Jolanta Natalia: Unique Aspects of Anti-cancer Drug Development
English. Inhaltliche Zusammenfassung: The evidence of cancer in humans, animals and plant species suggests that it is as old as multicellular life on Earth. Why is it so difficult to understand and fight? Because cancer begins from the organisms own mutated single cell focused on its own survival. It would be naive to expect that cancer could be ever entirely eliminated, but there is still hope for finding effective treatments. The book is to give a view of selected aspects of cancer like its spread in nature, novel anticancer drugs based on Chinese herbs or birch bark, novel promising targets of annexins and kinases and progress in immunotherapy. It is our hope that you will find in this book interesting, inspiring and stimulating information concerning cancer research.
⇒ Ausführliche Angaben: HT020308343

Latruffe, Norbert / Rifler, Jean-Pierre: Wine and Vine Components and Health
eng. Inhaltliche Zusammenfassung: While there is a tremendous literature on the topic of wine and health ranging back to the days of Hippocrates, it is considered that there is an unlimited variety of wine, allowing for the association of senses, nutrition, and hedonism. The history of vine and wine has lasted for at least 7000 years. Vitis represent adaptable plants, and thanks to the large variety of strains, wine is an alchemical mix with unique properties, a rich and original composition in terms of polyphenols, and well known antioxidants. This explains why wine and health are closely linked to nutrition.
⇒ Ausführliche Angaben: HT020307415

Lauermann, Karin / Blumenthal, Sara / Sting, Stephan: Soziale Arbeit und soziale Frage(n)
German. Inhaltliche Zusammenfassung: Die gegenwärtigen gesellschaftlichen Veränderungen führen zu einem Wiederaufflammen der "sozialen Frage". Zugleich fordern Migration und Flucht oder die Rufe nach Inklusion gesellschaftliche Reaktionen heraus. Im vorliegenden Band werden damit verbundene neue Herausforderungen und Perspektiven für das professionelle Handeln in der Sozialen Arbeit untersucht.
⇒ Ausführliche Angaben: HT020310474

Laufs, Adolf: Rechtsentwicklungen in Deutschland
German.
⇒ Ausführliche Angaben: HT020309991

Lauth, Hans-Joachim / Jung, Otmar / Huber, Peter M.: Jahrbuch für direkte Demokratie 2011
⇒ Ausführliche Angaben: HT020307602

Lauth, Hans-Joachim / Jung, Otmar / Huber, Peter M.: Jahrbuch für direkte Demokratie 2012
⇒ Ausführliche Angaben: HT020307603

de. Inhaltliche Zusammenfassung: Der sechste Band des Jahrbuchs für direkte Demokratie vereint Beiträge aus der Politikwissenschaft, der Zeitgeschichte und der Rechtswissenschaft. Themen sind u.a. die Bürgerbefragung, die Europäische Bürgerinitiative, die Landesgemeindedemokratie sowie das schottische Unabhängigkeitsreferendum.
**Lauvdal, Torunn / Knudsen, Jon P.: Geografi, kunnskap, vitenskap**

English. Inhaltliche Zusammenfassung: This anthology explores the development of the higher education sector with respect to regional and national contexts. In Norway, the challenge of unifying a country with deeply-rooted and distinct local identities has been a cornerstone in nation-building. The political agenda pursued in developing and expanding higher education and research in Norway bears the unmistakable mark of such nation-building work. Education and research policy has been through various phases and subjected to shifting paradigms. Beginning the 1960s, higher educational institutions were established throughout the country to specifically meet regional demands for a well-educated workforce.

**Lawton-Smith, Helen: Universities, Innovation and the Economy**

English. Inhaltliche Zusammenfassung: Universities are increasingly expected to be at the heart of networked structures contributing to society in meaningful and measurable ways through research, the teaching and development of experts, and knowledge innovation. While there is nothing new in universities’ links with industry, what is recent is their role as territorial actors. It is government policy in many countries that universities - and in some countries national laboratories - stimulate regional or local economic development. Universities, Innovation and the Economy explores the implications of this expectation. It sites this new role within the context of broader political histories, comparing how countries in Europe and North America have balanced the traditional roles of teaching and research with that of exploitation of research and defining a territorial role. Helen Lawton-Smith highlights how pressure from the state and from industry has produced new paradigms of accountability that.

**Lazar, Marian: Exploring the Solar Wind**

English. Inhaltliche Zusammenfassung: This book consists of a selection of original papers of the leading scientists in the fields of Space and Planetary Physics, Solar and Space Plasma Physics with important contributions to the theory, modeling and experimental techniques of the solar wind exploration. Its purpose is to provide the means for interested readers to become familiar with the current knowledge of the solar wind formation and elemental composition, the interplanetary dynamical evolution and acceleration of the charged plasma particles, and the guiding magnetic field that connects to the magnetospheric field lines and adjusts the effects of the solar wind on Earth. I am convinced that most of the research scientists actively working in these fields will find in this book many new and interesting ideas.

**Le Petitcorps, Colette: Chapter 5 Migrant Women in Trade Unions**

English. Inhaltliche Zusammenfassung: This chapter analyses the way in which migrant women employed in the domestic services sector in France make their work political. The French context encompasses a double reality. On the one hand, the state promotes a regularized market and the professionalization of paid care work performed in the home. On the other hand, the fact that a majority of domestic sector workers are migrant women leads to the reproduction of working conditions which display continuities with more ancient forms of domestic services relations. In this context, migrant women’s demands in trade unions for domestic workers often prove contradictory, ambivalent and different according to their different work experiences. I address the complexity of this form of activism through the analysis of in-depth interviews realized with two migrant women activists involved in different trade unions over different periods. The first one, of Mauritian origin, fought alongside undocumented domestic
workers in the early nineties. The second, of Ivoirian origin, has been involved since 2011 in struggles against the exploitation of registered child-minders. Drawing on fieldwork data, I examine the process through which migrant domestic workers create new political subjectivities, and their potential for contesting the norms regulating domestic work, traditional conceptions of citizenship and dominant gender relations.

⇒ Ausführliche Angaben: HT020307624

**Lebedev, Sergey / Andersen, Ole / Frappart, Frédéric: Satellite Altimetry for Earth Sciences**


eng. Inhaltliche Zusammenfassung: Satellite altimetry is a radar technique for measuring the topography of the Earth’s surface. It was initially designed for measuring the ocean’s topography, with reference to an ellipsoid, and for the determination of the marine geoid. Satellite altimetry has provided extremely valuable information on ocean science (e.g., circulation surface geostrophic currents, eddy structures, wave heights, and the propagation of oceanic Kelvin and Rossby waves). With more than 25 years of observations, it is also becoming vital to climate research, providing accurate measurements of sea level variations from regional to global scales. Altimetry has also demonstrated a strong potential for geophysical, cryospheric, and hydrological research and is now commonly used for the monitoring of Arctic and Antarctic ice sheet topography and of terrestrial surface water levels. This book aims to present reviews and recent advances of general interest in the use of radar altimetry in Earth sciences. Manuscripts are related to any aspect of radar altimetry technique or geophysical applications. We also encourage manuscripts resulting from the application of new altimetric technology (SAR, SARin, and Ka band) and improvements expected from missions to be launched in the near future (id est, SWOT).

⇒ Ausführliche Angaben: HT020307439

**Lechuga, Vicente M.: The Changing Landscape of the Academic Profession**


English. Inhaltliche Zusammenfassung: The rapid success of for-profit colleges and universities (FPCUs) only recently has caught the attention of scholars in academe. The continuing expansion of the proprietary higher education sector has lead to fundamental questions regarding the purpose and function of FPCUs. As new technologies continue to emerge, education is becoming of increasing import to employees seeking to upgrade their skills and employers in search of individuals who possess the necessary expertise and training to help their organizations succeed. For-profit institutions challenge traditional notions of the academy—such as shared governance, tenure, and academic freedom—by utilizing administrative practices that more aptly apply to the corporate arena. Moreover, they exclusively employ nontenure-track faculty members. This study provides a framework for understanding faculty roles and responsibilities at for profit colleges and universities. The author employs a series of in-depth interviews with 53 faculty members, from four for-profit institutions. Utilizing a cultural framework, the study explores the attitudes, beliefs, and perceptions of faculty work with particular consideration given to faculty members non-tenure-track status, participation in decision-making activities, and academic freedom. The study examines the culture of the faculty work by asking how the profit-seeking nature of the institution affects their efforts inside and outside of the classroom. The author introduces a new component to the cultural framework that illustrates how the close ties between FPCUs and business and industry affect the nature of faculty work.

⇒ Ausführliche Angaben: HT020310113

**Lee, Ching Kwan: Working in China**


English. Inhaltliche Zusammenfassung: After a quarter of a century of market reform, China has become the workshop of the world and the leading growth engine of the global economy.
Its immense labour force accounts for some twenty-nine per cent of the world's total labour pool but all too little is known about Chinese labour beyond the image of workers toiling under appalling sweatshop conditions for extremely low wages. Working in China introduces the lived experiences of labour in a wide range of occupations and work settings. The chapters of this book cover professional employees such as engineers and lawyers, service workers such as bar hostesses, domestic maids and hotel workers, and industrial workers in a variety of factories. The mosaic of human faces, organizational dynamics and workers voices presented in the book reflect the complexity of changes and challenges taking place in the Chinese workplace today. Based on extraordinary and thorough field research, this book will have a wide readership at undergraduate level and beyond, appealing to students and scholars from a myriad of disciplines including Chinese studies, labour studies, sociology and political economy.

⇒ Ausführliche Angaben: HT020310057

Lee, Hsiu-chuan / Schlund-Vials, Cathy / Beauregard, Guy: The Subject(s) of Human Rights

English. Inhaltliche Zusammenfassung: The field of Asian American studies grew out of mid-twentieth century civil rights struggles, anti-war protests, and third world liberation movements. As a result, human rights issues have always been part of Asian American studies, though they've been largely peripheral to the interdisciplinary. This edited collection bring Asian American studies to the center of human rights critique by engaging with the possibilities and the limits of the stories that have circulated and the knowledge that has been produced around the broad topic of human rights understood primarily as a post-1945 discourse that has profoundly affected the movements of people and relations of power across the Pacific. The collection brings together scholars from North America and Asia in order to approach the issue of human rights from both sides of the Pacific.

⇒ Ausführliche Angaben: HT020309851

Lee, Sanghyun: Advanced Material and Device Applications with Germanium

English. Inhaltliche Zusammenfassung: Germanium is an elemental semiconductor, which played an important role in the birth of the semiconductor but soon was replaced with silicon. However, germanium is poised to make a remarkable comeback in the semiconductor industry. With this increasing attention, this book describes the fundamental aspects of germanium and its applications. The contributing authors are experts in their field with great in-depth knowledge. The authors strongly feel that this contribution might be of interest to readers and help to expand the scope of their knowledge.

⇒ Ausführliche Angaben: HT020309034

Lee, Song-Chong: The Role and Meaning of Religion for Korean Society

eng. Inhaltliche Zusammenfassung: This special issue presents discussions of the role and meaning of religion for Korean society. Covering wide-ranging time periods, the authors explores with their own cases four major characteristics of Korean religion: Creativity, Greater Responsiveness, Adaptability, and Prophethood. Their topical religious traditions include Neo-Confucianism, Christianity, Buddhism, and Korean new religious movements.

⇒ Ausführliche Angaben: HT020307442

Lee, Steven Hugh / Chang, Yun-shik: Transformations in Twentieth Century Korea

English. Inhaltliche Zusammenfassung: This edited collection traces the social, economic, political, and cultural dimensions of Korea’s dramatic transformation since the late nineteenth
century. Taking an interdisciplinary approach, the chapters examine the internal and external forces which facilitated the transition towards industrial capitalism in Korea, the consequences and impact of social change, and the ways in which Korean tradition continues to inform and influence contemporary South Korean society. Transformations in Twentieth Century Korea employs a thematic structure to discuss the interrelated elements of Korea's modernization within agriculture, business and the economy, the state, ideology and culture, and gender and the family. The essays in this volume encompass the Choson dynasty, the colonial period, and postcolonial Korea. Collectively, they provide us with an original and innovative approach to the study of modern Korea, and show how knowledge of the country's past is critical to understanding contemporary Korean society. With contributions from a number of prominent international scholars within sociology, economics, history, and political science, Transformations in Twentieth Century Korea incorporates a global framework of historical narrative, ideology and culture, and statistical and economic analysis to further our understanding of Korea's evolution towards modernity.

⇒ Ausführliche Angaben: HT020310075

Lee, Teang Shui: Research and Practices in Water Quality
English. Inhaltliche Zusammenfassung: Water quality refers to the chemical, physical, biological, and radiological characteristics of water. It is a measure of the condition of water for the purposes intended for. It is most frequently used by reference to a set of standards against which compliance can be assessed. The most common standards used to assess water quality relate to health of ecosystems, safety of human contact and potable drinking water. A range of diverse topics in the field of water quality modelling, statistical evaluation and guidelines pertaining to the best management practices in different locations around the world is given herein. Modelling of water quality in rivers and lakes, statistical methods and membrane filter performance are subject matters of interest considering in-situ water, potable water, water re-use, et cetera.

⇒ Ausführliche Angaben: HT020307993

Lefebvre, Laurie: Le mythe Néron
English. Inhaltliche Zusammenfassung: Dans l’imaginaire collectif, Néron est à jamais figé dans la posture du tyran dépravé, meurtrier, incendiaire: un mythe s’est forgé, éternel et persistant. C’est précisément cette mythologie que l’auteur se propose de décoder. Car parallèlement à l’effacement des traces visibles de la mémoire du prince, les auteurs antiques, tant païens que chrétiens, se sont employés à reconstruire son histoire, jusqu’à ce que Néron, dépouillant son enveloppe d’individu historique, devint une figure emblématique, incarnation de la tyrannie et de la monstruosité elles-mêmes. Enquête sur les codes philosophiques, rhétoriques ou littéraires qui ont contraint la réécriture de l’histoire du dernier Julio-claudien, l’ouvrage se propose aussi de suivre les mutations de cette figure au cours de l’Antiquité, au gré des erreurs de lecture, des confusions, des manipulations narratives ou des tentatives d’adaptation de la geste néronienne aux préoccupations du temps. Toute une mythographie se fait jour.

⇒ Ausführliche Angaben: HT020307365

Lehman, Marjorie / Kanarek, Jane L.: Learning to Read Talmud
English. Inhaltliche Zusammenfassung: Finalist, 2017 National Jewish Book Award for Education and Jewish IdentityLearning to Read Talmud is the first book-length study of how teachers teach and how students learn to read Talmud. Through a series of studies conducted by scholars of Talmud in classrooms that range from seminars to secular universities and with students from novice to advanced, this book elucidates a broad range of ideas about what it means to learn to read Talmud and tools for how to achieve that goal. Bridging the study of Talmud and the study of pedagogy, this book is an essential resource for scholars, curriculum writers, and classroom teachers of Talmud.
Lehndorff, Steffen / Bosch, Gerhard: Working in the Service Sector
English. Inhaltliche Zusammenfassung: The rise to prominence of the service sector - heralded over half a century ago as the great hope for the twenty-first century - has come to fruition. In many cases, employment in the service sector now outnumbers that in manufacturing sectors, and it is accepted that in all developed countries, the service sector is the only one in which employment will grow in future. The reasons for this is the subject of much controversy and debate, the outcomes of which are not merely of academic interest but of decisive importance for economic policy and the quality of working and living conditions in future. In order to examine these various arguments, research teams from eight European countries worked together for three years on a comparative study of the evolution of service sector employment in EU member states. They also investigated working and employment conditions in five very different service industries (banking, retailing, hospitals, IT services and care of the elderly) in a number of countries, and the results of their research are presented in this informative new collection, of interest to students academics and researchers involved in all aspects of industrial economics.

Lehne, Jens: Crisis at the WTO
English. Inhaltliche Zusammenfassung: Since 2017, the United States has blocked all appointments to the Appellate Body of the World Trade Organization (WTO), thereby threatening to destroy the WTOs dispute settlement system, one of the most active dispute settlement systems in international law and a central pillar of the multilateral trading system. The United States justifies its blockage with allegations of judicial overreach, claiming that the Appellate Body in its jurisprudence has not complied with the WTO treaties.

Lehnus, Luigi: Maasiana e Callimachea

Lei, Xiaohui: Emergency Operation Technologies for Sudden Water Pollution Accidents in the Middle Route of South-to-North Water Diversion Project
English. Inhaltliche Zusammenfassung: The Middle Route of the South-to-North Water Diversion Project (MRP) is strategically important for China, and has made a great contribution to the sustainable development of society and economy in North China. Various potential risks of sudden water pollution accidents are distributed along the long canal, which may result in huge losses and endanger the safety of water supply. In order to provide technical support for emergent operations in the MRP, the emergency operation technologies for sudden water pollution accidents were developed. This book introduces these emergency operation technologies, including simulation technology for hydrodynamic and water quality in the main canal, traceability technology, emergency operations, and an emergency management system.
for sudden water pollution accidents.

This book is supported by the Major Science and Technology Program for Water Pollution Control and Treatment (2017ZX07108-001) and National Key R&D Program of China (2017YFC0406004).

⇒ Ausführliche Angaben: HT020309172

Leimgruber, Matthieu / Eichenberger, Pierre: Chapter 4 Business interests and the development of the public-private welfare mix in Switzerland, 1880-1990


English. Inhaltsübersicht: This edited volume provides a synthesis on the question of business attitudes towards and its influence over the development of the modern welfare state. It gathers leading scholars to offer both in-depth historical country case studies and comparative chapters that discuss contemporary developments. Composed of six archive-based historical narratives of business’ role in the development of social insurance programs in Germany, Finland, the Netherlands, Switzerland, the United Kingdom and the United States, and six comparative case studies, this volume also extends the study of business to policy fields that have hitherto received little attention in the literature, such as active labor market policies, educational policies, employment protection legislation, healthcare, private pension programs and work-family policies. It illuminates why business groups have responded so very differently to demands for increased social protection against different labor market risks in different countries and over time. This text will be of key interest to students and scholars of comparative welfare, political science, sociology, social policy studies, comparative political economy and welfare history.

⇒ Ausführliche Angaben: HT020309869

Leitzel, James: Russian Economic Reform


English. Inhaltsübersicht: Transitions from socialism to capitalism are complex, both in theory and practice. Russian Economic Reform enables the reader to come to a much better understanding of these momentous changes, by providing a clear and accessible account of the major features of transition. It argues that attempts to portray the reform process as a disaster are misconceived, because they fail to take account of just how badly the pre-reform economy was doing. Many of the problems that are emerging now have their antecedents in the earlier economic system.

⇒ Ausführliche Angaben: HT020310146

Lembrikov, Boris I.: Nonlinear Optics - Novel Results in Theory and Applications


English. Inhaltsübersicht: Nonlinear Optics is a rapidly developing field of modern physics. Nonlinear optical phenomena such as self-focusing, self-phase modulation, soliton formation and propagation, higher harmonic generation, different types of stimulated light scattering, and four-wave mixing have attracted interest from the fundamental point of view of the investigation of light/matter interaction, and as a basis for applications in contemporary optical communications and optical signal processing. Nonlinear Optics - Novel Results in Theory and Applications contains novel results concerning the mathematical methods of nonlinear optical phenomena analysis, soliton formation and propagation in optical fibers, and peculiarities of nonlinear optical phenomena in micro- and nanostructures. The book may be interesting for researchers and engineers interested in nonlinear optics, lasers, and optical communications.

⇒ Ausführliche Angaben: HT020309232

Lenasi, Helena: Endothelial Dysfunction - Old Concepts and New Challenges


English. Inhaltsübersicht: The endothelium enables communication between
blood and tissues and is actively involved in cardiovascular homeostasis. Endothelial dysfunction has been recognized as an early step in the development of cardiovascular diseases: respectively, endothelium represents a potential therapeutic niche with multiple targets. The purpose of the book is to point out some recent findings of endothelial physiology and pathophysiology emphasizing various aspects of endothelial dysfunction connected to the body’s internal and external environment. While basic features of the endothelium are presented in an introductory chapter, the authors of the following 17 chapters have provided extensive insight into some selected topics of endothelial (dys)function. The book would hopefully be useful for anyone interested in recapitulating endothelial (patho)physiology and expanding knowledge of molecular mechanisms involved in endothelial dysfunction, relevant also for further clinical investigations.

⇒ Ausführliche Angaben: HT020309079

**Lenasi, Helena: Microcirculation Revisited - From Molecules to Clinical Practice**

English. Inhaltsübersicht: The book provides a comprehensive overview of selected topics in microcirculation, from physiology to pathophysiology including molecular mechanisms and clinical aspects. It contains 10 chapters written by reputed authors, which comprehensively sum up the current knowledge and some interesting new insights in the field of microcirculation. It will be useful to a broad range of audience, from students to highly profiled experts, helping them to expand their knowledge on microcirculation and opening up additional questions for further investigation.

⇒ Ausführliche Angaben: HT020308068

**Lenzhofer, Melanie: Jugendkommunikation und Dialekt. Syntax gesprochener Sprache bei Jugendlichen in Osttirol**

German. Inhaltsübersicht: By examining communication among young people in East Tyrol, this study offers for the first time detailed insight into everyday conversation between Austrian adolescents. The central theme of this corpus-based analysis is to discover the areas of syntactic variation in which one can detect preferential use of particular syntactic constructions by adolescents and the role played by specific dialectical features of Bavarian.

⇒ Ausführliche Angaben: HT020309929

**Lerner, Jorge Colman / Boldes, Ulfilas: Wind Tunnels and Experimental Fluid Dynamics Research**

English. Inhaltsübersicht: The book Wind Tunnels and Experimental Fluid Dynamics Research is comprised of 33 chapters divided in five sections. The first 12 chapters discuss wind tunnel facilities and experiments in incompressible flow, while the next seven chapters deal with building dynamics, flow control and fluid mechanics. Third section of the book is dedicated to chapters discussing aerodynamic field measurements and real full scale analysis (chapters 20-22). Chapters in the last two sections deal with turbulent structure analysis (chapters 23-25) and wind tunnels in compressible flow (chapters 26-33). Contributions from a large number of international experts make this publication a highly valuable resource in wind tunnels and fluid dynamics field of research.

⇒ Ausführliche Angaben: HT020309556

**Lesieur, Claire: Oligomerization of Chemical and Biological Compounds**

English. Inhaltsübersicht: Many thanks to the authors for high quality chapters and to the referees for helping improve the manuscripts. The book is interdisciplinary, it covers fields from organic chemistry to mathematics, and raises different aspects of oligomerization. It is a great source of information as every chapter introduces general knowledge and deep details. Mixing communities is to instigate novel ideas and hopefully help looking at oligomerization with new eyes.
Leslie, Charles / Vahdati, Kourosh: Abiotic Stress - Plant Responses and Applications in Agriculture
English. Inhaltliche Zusammenfassung: This book is not intended to cover all known abiotic stresses or every possible technique used to understand plant tolerance but, instead, to describe some of the widely used approaches to addressing such major abiotic stresses as drought, salinity, extreme temperature, cold, light, calcareous soils, excessive irradiation, ozone, ultraviolet radiation, and flooding, and to describe major or newly emerging techniques employed in understanding and improving plant tolerance. Among the strategies for plant stress survival, examples of both avoidance and tolerance are presented in detail and comprehensive case studies of progress and directions in several agricultural crops such as apple, walnut, grape and wheat are included.
⇒ Ausführliche Angaben: HT020309593

Lessem, Ronnie: Management Development Through Cultural Diversity
English. Inhaltliche Zusammenfassung: This stimulating, clearly written and well-structured text is a comprehensive introduction to the principles of management and organisational behaviour, as well as a corrective to the eurocentric bias of most management texts. It develops a trans-cultural perspective which draws on insights from across the world to examine different management styles, cultures and stages of business development. Contents include: * Orientation * Primal Management - Western including America * Rational Management - Northern including Scandinavia * Developmental Management - Eastern including Japan * Metaphysical Management - Southern including South Africa * Developing yourself as a manager Each section examines core management theory and literature, cultural orientation and related prominent theories. The numerous case studies use appropriate examples from a wide range of international organisations. The uniquely wide-ranging perspective make this a valuable text for all those interested in general management, international business, organisational behaviour and corporate strategy.
⇒ Ausführliche Angaben: HT020310201

Leung, Kenneth M.Y. / Todd, Peter A. / Thompson, Richard C.: H4 Design Options, Implementation Issues and Evaluating Success of Ecologically Engineered Shorelines
English. Inhaltliche Zusammenfassung: Human population growth and accelerating coastal development have been the drivers for unprecedented construction of artificial structures along shorelines globally. Construction has been recently amplified by societal responses to reduce flood and erosion risks from rising sea levels and more extreme storms resulting from climate change. Such structures, leading to highly modified shorelines, deliver societal benefits, but they also create significant socioeconomic and environmental challenges. The planning, design and deployment of these coastal structures should aim to provide multiple goals through the application of ecoengineering to shoreline development. Such developments should be designed and built with the overarching objective of reducing negative impacts on nature, using hard, soft and hybrid ecological engineering approaches.-.
⇒ Ausführliche Angaben: HT020307541

Leva, Annarita / Rinaldi, Laura M. R.: Recent Advances in Plant in vitro Culture
English. Inhaltliche Zusammenfassung: The purpose of this book is to provide the advances in plant in vitro culture as related to perennial fruit crops and medicinal plants. Basic principles and new techniques, now available, are presented in detail. The book will be of use to researchers, teachers in biotechnology and for individuals interested to the commercial application of plant in vitro culture.
Levenson, Felix / van der Heyden, Sylva / Buccellati, Federico: Size Matters - Understanding Monumentality Across Ancient Civilizations
English. Inhaltliche Zusammenfassung: When talking about monuments, size undeniably matters - or does it? But how else can we measure monumentality? Bringing together researchers from various fields such as archaeology, museology, history, sociology, Mesoamerican studies, and art history, this book discusses terminological and methodological approaches in both theoretical contributions and various case studies. While focusing on architectural aspects, this volume also discusses the social meaning of monuments, the role of forced and free labour, as well as textual monumentality. The result is a modern interdisciplinary take on an important concept which is notoriously difficult to define. When talking about monuments, size undeniably matters - or does it? But how else can we measure monumentality? Bringing together researchers from various fields such as archaeology, museology, history, sociology, Mesoamerican studies, and art history, this book discusses terminological and methodological approaches in both theoretical contributions and various case studies. While focusing on architectural aspects, this volume also discusses the social meaning of monuments, the role of forced and free labour, as well as textual monumentality. The result is a modern interdisciplinary take on an important concept which is notoriously difficult to define.

Levine, Martha Peaslee: Perception of Beauty
English. Inhaltliche Zusammenfassung: The authors in this book ask us to consider whether the perception of beauty has been defined by our genetics and culture over the years - has it grown and changed? Do certain neural connections define our emotional reactions to beauty? Does beauty follow any rules or laws? Can the aspiration toward beauty be detrimental? Can we divorce ourselves from dictates and sink into a mindful connection with our internal beauty? Can we move from the superficial where beauty is only skin deep to an intense appreciation of beauty in all of its variations. The Perception of Beauty will lead to a deeper understanding and contemplation of nature, art, and the world around us.

Levoratti, Alejo: Los estudiantes del Profesorado en Educación Física: Ingreso y egreso a la educación superior
Spanish. Inhaltliche Zusammenfassung: El presente libro busca realizar una aproximación a la población que se inscribió en los profesorados de Educación Física en la provincia de Buenos Aires. A partir de una encuesta administrada en cuatro instituciones a los inscriptos y a los estudiantes que se encontraban en el último año de la formación, se procuró trazar a lo largo de la obra una serie de perfiles con los caracteres que singularizan a estos grupos sociales. En ese proceso, se prestó especial atención a las inscripciones dentro del sistema de educación superior de las instituciones donde se cursaba la formación. A tal efecto, se analizaron los casos de estudiantes que transitaron su formación en universidades nacionales y en institutos de formación docente de gestión pública y privada. Teniendo todo ello en cuenta, se indagó en las concepciones disciplinares y sus percepciones acerca del ámbito laboral futuro. Este trabajo busca abrir un grupo de interrogantes para continuar reflexionando sobre la formación superior.

Lew, Alan A: Seductions of Place
English. Inhaltliche Zusammenfassung: The seductiveness of touristed landscapes is simultaneously local and global, as travelled places are formed and reworked by the activities of
diverse, mobile people, in their desires to experience situated, sensuous qualities of difference. Cartier and Lew’s interesting and informative book explores contemporary issues in travel and tourism and human geography, and the complex cultural, political, and economic activities at stake in touristed landscapes as a result of globalization. This book assesses travel and tourism as simultaneously cultural and economic processes, through ideas about place seduction and the formation of landscapes. Throughout, examples are given from urban and environmental touristed landscapes, from major world cities to tropical islands, and chapter contributions include: an analysis of the representational character of landscape and the built environment historic constructions of place seduction the importance of class, racial, and gender dimensions of place mobility and the seduction of place orient identity formation the environmental impacts of tourism economies. Broad in scope, this book is ideal for social scientists and humanists who are interested in contemporary debates about place studies, mobility, and the located realities of globalization.

⇒ Ausführliche Angaben: HT020310141

Lew, John I.: Clinical Management of Adrenal Tumors
English. Inhaltsübersicht: This book presents an overview of adrenal tumors written by a multidisciplinary team of world experts who provide comprehensive, evidence-based perspective of their topics in this field and current approaches to the management of adrenal tumors. The areas discussed in this book include an overview of adrenal incidentalomas, unusual presentations of adrenal tumors, genetic basis of pheochromocytomas and paragangliomas, pathophysiology, and medical and surgical treatment and approaches to patients with benign and malignant adrenal tumors. Each chapter written by these experts provides clinical evidence, treatment recommendations, and algorithms. Clinical Management of Adrenal Tumors will serve as a valuable resource of current information regarding adrenal tumors for medical students, residents in training, physicians, and researchers.

⇒ Ausführliche Angaben: HT020308302

Lewis, Gail: Forming Nation, Framing Welfare
English. Inhaltsübersicht: This book introduces a historical perspective on the emergence and development of social welfare. Starting from the familiar ground of the family, it traces some of the crucial historical roots and desires that fed the development of social policy in the 19th and 20th centuries around education, the family, unemployment and nationhood. By aiming to discover the link between past and present, it shows that social problems are socially constructed in specific contexts and that there are diverse and competing ways of telling history.

⇒ Ausführliche Angaben: HT020310251

Lewis, Malcolm / Davidson, Jon / Arthur, James: Professional Values and Practice
English. Inhaltsübersicht: The professional code of the General Teaching Council lists eight new standards, each of them analysed here in detail using questions and activities to describe what trainee teachers need to know, understand and demonstrate as they work towards Qualified Teacher Status. Each of the eight standards cover the following issues: expectations, diversity and achievement personal and professional values values in the classroom values, rights and responsibilities in the wider community the community of the school professional relationships personal and professional development professional responsibility. This practical and jargon-free guide features an extensive range of examples and suggestions for further reading, designed to help those in their early professional development.

⇒ Ausführliche Angaben: HT020310160

Lhoste, Philippe / Duteurtre, Guillaume / Corniaux, Christian: Dynamique des élevages pastoraux et agropastoraux en Afrique intertropicale
on: (1) the main problems in air separation and natural gas treatment by membrane separation and how to solve them; (2) processes involving membranes and new membrane materials for the more economical utilization of bio-resources; (3) energy selection and membrane development for more expedient and stable harnessing of the natural osmosis phenomenon; (4) many excellent contributions about catalytic membrane bioreactors; (5) how to fine-tune the arrangement of aquaporins (id est, proteins identified in biological cells) to achieve superior water treatment efficiency.

⇒ Ausführliche Angaben: HT020307436

**Li, Pengzhong: New Trends in Industrial Automation**
English. Inhaltliche Zusammenfassung: New technological developments expand the technical connotation of industrial automation with control objects and control objectives also greatly expanded, thus promoting development direction of industrial automation technology to intellectualization. This book is a collection of articles on novel approaches to current problems in industrial automation and encompasses multidisciplinary areas such as distributed system architecture, application of non-destructive distributed sensor system, joint simulation technology, and a summary of intelligent transition. New Trends in Industrial Automation provides useful reference material for technical workers in the field of industrial automation, including undergraduate and postgraduate students, academicians, researchers, and practicing engineers.

⇒ Ausführliche Angaben: HT020309351

**Li, Qiliang / Zhu, Hao: Nanoelectronic Materials, Devices and Modeling**
eng. Inhaltliche Zusammenfassung: As CMOS scaling is approaching the fundamental physical limits, a wide range of new nanoelectronic materials and devices have been proposed and explored to extend and/or replace the current electronic devices and circuits so as to maintain progress with respect to speed and integration density. The major limitations, including low carrier mobility, degraded subthreshold slope, and heat dissipation, have become more challenging to address as the size of silicon-based metal oxide semiconductor field effect transistors (MOSFETs) has decreased to nanometers, while device integration density has increased. This book aims to present technical approaches that address the need for new nanoelectronic materials and devices. The focus is on new concepts and knowledge in nanoscience and nanotechnology for applications in logic, memory, sensors, photonics, and renewable energy. This research on nanoelectronic materials and devices will be instructive in finding solutions to address the challenges of current electronics in switching speed, power consumption, and heat dissipation and will be of great interest to academic society and the industry.

⇒ Ausführliche Angaben: HT020307394

**Li, Xing-Tai: Chinese Medical Therapies for Diabetes, Infertility, Silicosis and the Theoretical Basis**
English. Inhaltliche Zusammenfassung: Traditional Chinese medicine (TCM) is the worlds most comprehensive alternative and complementary medicine. With the rising morbidity of serious illnesses like diabetes, infertility, silicosis, et cetera, there are no highly effective treatments; even though Western medicine has made spectacular advances, this influenced us to seek Chinese medical therapies of health care. This book offers a unique perspective of Chinese medicine theories and therapies. It has practical chapters on diabetes, infertility, silicosis, kidney essence, and a compilation of contraindicated Chinese medicines for pregnancy. TCM is a treasure, and this ancient wisdom should be respected and applied to the modern medical system; it will provide more choices and a wider field of vision for Western medicine at the two cognitive crossroads of East and West.

⇒ Ausführliche Angaben: HT020308144

**Libhaber, Menahem / Orozco-Jaramillo, Álvaro: Sustainable Treatment and Reuse of Municipal Wastewater**
English. Inhaltliche Zusammenfassung: In many countries, especially in developing countries, many people lack access to water and sanitation services and this inadequate service is the main cause of diseases in these countries. Application of appropriate wastewater treatment technologies, which are effective, low cost, simple to operate, proven technologies, is a key component in any strategy aimed at increasing the coverage of wastewater treatment. Sustainable Treatment and Reuse of Municipal Wastewater presents the concepts of appropriate technology for wastewater treatment and the issues of strategy and policy for increasing wastewater treatment coverage. The book focuses on the resolution of wastewater treatment and disposal problems in developing countries, however the concepts presented are valid and applicable anywhere and plants based on combined unit processes of appropriate technology can also be used in developed countries and provide to them the benefits described.

⇒ Ausführliche Angaben: HT020309862

Liebmann, Otto: Immanuel Kant. Eine Gedächtnisrede gehalten am 100jährigen Todestage Kants, d. 12. Febr. 1904, vor versammelter Universität in der Collegienkirche zu Jena
German.
⇒ Ausführliche Angaben: HT020310020

Lienert, Judit / Udert, Kai / Larsen, Tove: Source Separation and Decentralization for Wastewater Management
English. Inhaltliche Zusammenfassung: Source Separation and Decentralization for Wastewater Management sets up a comprehensive view of the resources involved in urban water management. It explores the potential of source separation and decentralization to provide viable alternatives to sewer-based urban water management. The book presents a comprehensive view of the state of the art of source separation and ecentralization. It discusses the technical possibilities and practical experience with source separation in different countries around the world. The area is in rapid development, but many of the fundamental insights presented in this book will stay valid.
⇒ Ausführliche Angaben: HT020309863

Lima, Marco Aurelio Pinheiro / Natalense, Alexandra Pardo Policastro: Bioethanol
English. Inhaltliche Zusammenfassung: Recent studies have shown strong evidence of human activity impact on the climate of the planet. Higher temperatures and intensification of extreme weather events such as hurricanes are among the consequences. This scenario opens up several possibilities for what is now called green or low carbon economy. We are talking about creating new businesses and industries geared to develop products and services with low consumption of natural resources and reduced greenhouse gases emission. Within this category of business, biofuels is a highlight and the central theme of this book. The first section presents some research results for first generation ethanol production from starch and sugar raw materials. Chapters in the second section present results on some efforts around the world to develop an efficient technology for producing second-generation ethanol from different types of lignocellulosic materials. While these production technologies are being developed, different uses for ethanol could also be studied. The chapter in the third section points to the use of hydrogen in fuel cells, where this hydrogen could be produced from ethanol.
⇒ Ausführliche Angaben: HT020307834

Lin, Tong: Nanofibers - Production, Properties and Functional Applications
English. Inhaltliche Zusammenfassung: As an important one-dimensional nanomaterial, nanofibers have extremely high specific surface area because of their small diameters, and na-
nofiber membranes are highly porous with excellent pore interconnectivity. These unique characteristics plus the functionalities from the materials themselves impart nanofibers with a number of novel properties for advanced applications. This book is a compilation of contributions made by experts who specialize in nanofibers. It provides an up-to-date coverage of in nanofiber preparation, properties and functional applications. I am deeply appreciative of all the authors and have no doubt that their contribution will be a useful resource for anyone associated with the discipline of nanofibers.

⇒ Ausführliche Angaben: HT020307801

Lin, Tong: Novel Aspects of Nanofibers

⇒ Ausführliche Angaben: HT020308663

Linan, Rosa M. Nieto / Candek-Potokar, Marjeta: European Local Pig Breeds - Diversity and Performance. A study of project TREASURE
2019. 1 electronic resource (318 pages). ISBN 9781789854077, ISBN 9781789854084 English. Inhaltliche Zusammenfassung: Local or autochthonous pig breeds represent a pool of genetic diversity of porcine species and a link with old-style traditional production systems and traditional pork products. These breeds were largely abandoned because they were not competitive in the concept of modern, industrial type of pig production. Despite an increased interest for local pig breeds in the past years, they remain largely untapped and the knowledge about their characteristics is limited, which was a challenge undertook in the project TREASURE in the frame of multicriteria evaluation of local pig breeds. The book represents a valuable compendium of data on census, breeding organisations, production systems, and performances with ambition to present their contemporary (preserved) phenotype.<br />
This work has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 634476 for project with acronym TREASURE. The content of this book reflects only the authors view and the European Union Agency is not responsible for any use that may be made of the information it contains.

⇒ Ausführliche Angaben: HT020309659

Lindner, Johannes: Conflict and Change in EU Budgetary Politics
2006. 1 electronic resource (pages). ISBN 9780203002766, ISBN 9780415356794, ISBN 9780415499170, ISBN 9781134249725, ISBN 9781134249688 English. Inhaltliche Zusammenfassung: Why did the European Union experience a stark variation in the levels of conflict between the late 1970s, when budgetary disputes dominated European politics, and the 1990s, when political actors were able to settle upon budgetary agreements without major conflicts? This book responds to this key question with a two-step argument: Its first part shows that decision-making rules can be regarded as a key determinant of the level of conflict in EU budgetary politics. It details far-reaching reform in 1988 reduced conflict, because it introduced an institutional setting for multiannual budget planning that corrected the deficiencies of the original budget treaty. Having identified institutional change as the trigger for the reduction of conflict, the second part of this study focuses on the 1988 reform. It shows how a number of reproduction mechanisms’ prevented major institutional change in the 1970s and early 1980s. When these reproduction mechanisms’ lost force, a reform became possible and a new institutional setting emerged in 1988. These findings deliver a sharp insight into the interplay between rules and conflict in the still evolving political
system of the EU. Moreover, by identifying precise conditions for the occurrence of institutional change, and by linking political performance of institutions to their stability this is a significant contribution to institutionalist research in social science. This book is an excellent resource for students and scholars of the European Union, Political Science, International Relations, Public Policy and Public Finance.

⇒ Ausführliche Angaben: HT020310285

Liou, Ya: Radio Occultation Method for Remote Sensing of the Atmosphere and Ionosphere
English. Inhaltliche Zusammenfassung: The book is devoted to radio occultation (RO) remote sensing of the earth’s atmosphere and ionosphere as a global method of monitoring. This technique used the radio links satellite-to-satellite when a satellite-receiver setting or rising behind the earth’s atmosphere is relative to a satellite - emitter of radio waves. During setting the radio ray perigee moves through the ionosphere and ionosphere. Atmospheric and ionospheric effects arise in most cases owing to influence of a zone near the radio ray perigee and cause significant variations of the amplitude, phase, and frequency of the radio waves. These variations enable determination of the altitude profiles of temperature, pressure, refractivity, density, humidity and turbulence in the atmosphere, distribution of the electron density in the ionosphere, and the wave phenomena at different altitudes with a global coverage. The aim of this book consists of the systematic description of the different approaches, results of investigation and perspectives of the RO remote sensing as a tool for investigations of the atmosphere and ionosphere.

⇒ Ausführliche Angaben: HT020307671

Liow, Joseph / Emmers, Ralf: Order and Security in Southeast Asia
English. Inhaltliche Zusammenfassung: Michael Leifer, who died in 2001, was one of the leading scholars of Southeast Asian international relations. He was hugely influential through his extensive writings and his contacts with people in government and business in the region. In this book, many of Leifer's students, colleagues and friends come together to explore the key themes of his work on Southeast Asia, including the notion of 'order', security, maritime law and foreign policy. The book concludes with an overall assessment of Leifer's background, worldview and impact on his field. A scholarly and personal volume devoted to Leifers vast contributions to the discipline of international relations, this text is a must-read for students and scholars specializing in the region.

⇒ Ausführliche Angaben: HT020310176

Lisboa, Maria Manuel: Essays on Paula Rego: Smile When You Think about Hell
English. Inhaltliche Zusammenfassung: In these powerful and stylishly written essays, Maria Manuel Lisboa dissects the work of Paula Rego, the Portuguese-born artist considered one of the greatest artists of modern times. Focusing primarily on Rego’s work since the 1980s, Lisboa explores the complex relationships between violence and nurturing, power and impotence, politics and the family that run through Rego’s art. Taking a historicist approach to the evolution of the artist’s work, Lisboa embeds the works within Rego’s personal history as well as Portugal’s (and indeed other nations’) stories, and reveals the interrelationship between political significance and the raw emotion that lies at the heart of Rego’s uncompromising iconographic style. Fundamental to Lisboa’s analysis is an understanding that apparent opposites - male and female, sacred and profane, aggression and submissiveness - often co-exist in Rego’s work in a way that is both disturbing and destabilising. This collection of essays brings together both unpublished and previously published work to make a significant contribution to scholarship about Paula Rego. It will also be of interest to scholars and students of contemporary painting, Portuguese and British feminist art, and the political and ideological aspects of the visual arts.
Lison, Andrew / Mars, Marcell / Medak, Tomislav: Archives
English. Inhaltliche Zusammenfassung: Archives have become a nexus in the wake of the
digital turn. This book sets out to show how expanded archival practices can challenge con-
temporary conceptions and inform the redistribution of power and resources. Calling for the
necessity to reimagine the potentials of archives in practice, the three contributions ask: Can
archives fulfill their paradoxical potential as utopian sites in which the analog and the digital,
the past and future, and remembrance and forgetting commingle?.

Liu, Guoxiang: Greenhouse Gases - Emission, Measurement and Management
English. Inhaltliche Zusammenfassung: Understanding greenhouse gas sources, emissions,
measurements, and management is essential for capture, utilization, reduction, and storage
of greenhouse gas, which plays a crucial role in issues such as global warming and climate
change. Taking advantage of the authors experience in greenhouse gases, this book discus-
ses an overview of recently developed techniques, methods, and strategies: - A comprehensive
source investigation of greenhouse gases that are emitted from hydrocarbon reservoirs, vehic-
le transportation, agricultural landscapes, farms, non-cattle confined buildings, and so on. -
Recently developed detection and measurement techniques and methods such as photoacou-
stic spectroscopy, landfill-based carbon dioxide and methane measurement, and miniaturized
mass spectrometer.

Liu, Jiaqi: 6th International Maar Conference - Abstracts
English. Inhaltliche Zusammenfassung: This Book of Abstracts covers the abstracts presented
at the 6th International Maar Conference (6IMC) in Changchun (China). The 6IMC conference
sessions are focused on Maar and Environment Change, covering a wide spectrum of topics
including: characteristics, mechanism, modeling and geological background of Monogenetic
volcanic activities; volcanic evolution and spatial distribution regulation, resources, disaster,
detecting, monitoring and societal responses of volcanic activity.

Liu, Jiu-Fu / Gu, Wei-Zu: Hydrology of Artificial and Controlled Experiments
English. Inhaltliche Zusammenfassung: For the incisive tests of hydrological theory, manip-
ulation experiments can create particular conditions, plan and define boundaries and inner
structures, isolate individual mechanisms, and push systems beyond the range in a PhD
timescale. The goals of this book are to stimulate the approach of manipulation in promo-
ting watershed hydrological experimentation and to try to demonstrate that the controlled
and artificial experiments are the promising way of useful and effective generation of tests of
new theories. This book is organized on the basis of nine different manipulation types from
six countries including field lysimeter, field runoff plot, field manipulated experimental ba-
sin, field artificial catchment, laboratory river segment, laboratory pedon (rock), laboratory
lysimeter, laboratory hillslope, and phytotron artificial catchment.

Liu, Malin: Sintering Technology - Method and Application
English. Inhaltliche Zusammenfassung: Sintering technology is an old and extensive techno-
logy in many areas, and it has been used especially in ceramic fabrication. This book covers
many fields, for example, the development of different sintering technologies in recent years,
such as spark plasma sintering, flash sintering, microwave sintering, reaction and laser sintering, and so on, and also some special ceramic material fabrication methods and applications, such as carbon nanotubes mixed with alumina and zirconia ceramics, pure and doped zirconia, ZnO ceramic varistors, and so on.

⇒ Ausführliche Angaben: HT020309087

Liu, Xiaojun: Application of Genetics and Genomics in Poultry Science
English. Inhaltliche Zusammenfassung: Genetics and genomics in poultry have been the most rapidly advancing subjects since the completion of the chicken genome sequence in 2004 and have been extensively used to understand the genetic determinants of complex traits. This book intends to provide readers with a comprehensive overview of the current progress in the application of genetic and genomic science in the poultry field. The contents cover genetic variation detection, selection methods for breeding, transgenesis and genome editing, genetic basis of disease resistance, control of gene expression and regulation, reproduction and meat quality, et cetera The book should prove useful to researchers and students working in related fields.

⇒ Ausführliche Angaben: HT020308948

Liu, Yamin: Genetic Diversity and Disease Susceptibility
English. Inhaltliche Zusammenfassung: Polymorphism or variation in DNA sequence can affect individual phenotypes such as color of skin or eyes, susceptibility to diseases, and response to drugs, vaccines, chemicals, and pathogens. Especially, the interfaces between genetics, disease susceptibility, and pharmacogenomics have recently been the subject of intense research activity. This book is a self-contained collection of valuable scholarly papers related to genetic diversity and disease susceptibility, pharmacogenomics, ongoing advances in technology, and analytic methods in this field. The book contains nine chapters that cover the three main topics of genetic polymorphism, genetic diversity, and disease susceptibility and pharmacogenomics. Hence, this book is particularly useful to academics, scientists, physicians, pharmacists, practicing researchers, and postgraduate students whose work relates to genetic polymorphisms.

⇒ Ausführliche Angaben: HT020309064

Liu, Yang: Unemployment - Perspectives and Solutions
English. Inhaltliche Zusammenfassung: This book is a collection of original works by authors from all over the world on aspects of unemployment and job issues, seen from various angles and based on their recent research. It sheds light on fresh ideas on unemployment, such as the intergenerational approach and unemployment normalization, and offers solutions from diverse areas such as social economy development and policy-making. Practical issues regarding job creation and labor mobility are also covered. The book aims to provide not only a better understanding of the nature and extent of unemployment in various parts of the world but also solutions in diverse contexts.

⇒ Ausführliche Angaben: HT020308393

Liudvinavicius, Lionginas: Supercapacitors - Theoretical and Practical Solutions
English. Inhaltliche Zusammenfassung: This edited volume Supercapacitors: Theoretical and Practical Solutions is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field of electronic devices and materials. The book comprises single chapters authored by various researchers and is edited by a group of experts. Each chapter is complete in itself but united under a common research study topic. This publication aims at providing a thorough overview of the latest research efforts by international authors on electronic devices and materials and opens new possible research paths for further novel developments.
Lizárraga, Gema Lorena López / Cañedo, Juan Cristóbal García: Photosynthesis - From Its Evolution to Future Improvements in Photosynthetic Efficiency Using Nanomaterials
English. Inhaltliche Zusammenfassung: This book is a compilation. It starts from the origins of the photosynthetic capacity of organisms with a summary of the evolution of photosynthesis. This is followed by a concise description of the photosynthetic process and a discussion of the role that light, nutrients, and cultivation play in the photosynthetic process using examples in each case. Finally, the book explains future improvements in the field by applying nanotechnology to improve photosynthetic productivity, explaining how crop productivity can be increased by engineering crop plants for tolerance against various environmental stresses and improving yield attributes, especially photosynthetic efficiency using nanomaterials.

Llano, Rebeca Sola / Bañuelos-Prieto, Jorge: BODIPY Dyes - A Privilege Molecular Scaffold with Tunable Properties
English. Inhaltliche Zusammenfassung: Nowadays, dye chemistry is a booming area of research. In particular, BODIPY fluorophore dyes are in the spotlight since their chromophore allows the design of tailor-made molecules for specific (bio)technological purposes. BODIPY Dyes: A Privilege Molecular Scaffold with Tunable Properties aims to highlight such chemical versatility and modulable photophysical and electrochemical properties. The second and the third chapter deal with BODIPYs in chemosensing and as labels for bioimaging. The fourth chapter focuses on their electroluminescence and redox properties, and their role in photocatalysis. The fifth chapter provides deeper insight into the degradation mechanisms in acid and basic media. The book aims to overview the state of the art of BODIPYs and inspire readers involved in dye chemistry.

English. Inhaltliche Zusammenfassung: The societies of the twenty-first century are subject to social, cultural, political, and economic changes. In this context, the school is asked to educate the future citizens in the present. To respond to this kaleidoscopic reality, the school is immersed in a pedagogical revolution. In this book, the reader will find a selection of avant-garde research works from different disciplines and contexts, which have their epicenter in the school and in the faculties of education. New issues in pedagogy and education, and new roles of teachers and students, are discussed in a global and diverse context. And new methodological and formative proposals are also proposed to build the ideal school and the ideal teacher, from the initial and continuous teacher training.

Lo, Yueh-Hsin / Chang, Shih-Chieh / Blanco, Juan A.: Tropical Forests - The Challenges of Maintaining Ecosystem Services while Managing the Landscape
English. Inhaltliche Zusammenfassung: Large regions of the planet have been transformed from their natural composition into different human-made landscapes (farmlands, forest plantations, pastures, et cetera). Such process, called land use change, is one of the major components of the current global change, which has brought the planet into a new geological era: the Anthropocene. Land use change is particularly important in tropical forests, as this ecosystem type is still heavily affected by deforestation for timber extraction, agricultural land creation of urban expansion. Changing land use has important implications for the services
that tropical forests provide: production of goods such as timber, food or water; regulation of process such as nutrient cycling, carbon sequestration, local weather or climate extremes; generating the framework for economic and cultural activity, etc. Therefore, keeping ecosystem services when changing the use of the tropical lands is a major challenge in tropical regions. This brief book, by showcasing different research work done in tropical countries, provides a first introduction on this topic, discussing issues such as biodiversity loss, changes in local weather or nutrient cycling patterns, and economic activities around tropical forests, and tools to detect and quantify the importance of land use change.

⇒ Ausführliche Angaben: HT020308081

**Lobera, Ignacio Jáuregui / Himmerich, Hubertus: Anorexia and Bulimia Nervosa**


English. Inhaltliche Zusammenfassung: The prevalence of eating disorders such as anorexia and bulimia nervosa is growing, and these disorders are affecting adolescents and young adults at increasingly younger ages. This has led to a greater number of patients presenting to health services. Although novel therapeutic approaches have been introduced in recent decades, the mortality rates of patients with anorexia and bulimia nervosa remain alarmingly high. The course of anorexia nervosa in particular is often chronic and can lead to persistent disability. This book covers the clinical features and symptoms, neurobiology, pathophysiology, and current and potential future treatment options for both anorexia and bulimia nervosa. It also highlights the important aspects of support for families and their perspectives on these disorders.

⇒ Ausführliche Angaben: HT020309517

**Löfgren, Orvar / Czarniawska, Barbara: Overwhelmed by overflows?**


English. Inhaltliche Zusammenfassung: This transdisciplinary volume investigates the ways in which people and organisations deal with the overflow of information, goods or choices. It explores two main themes: the emergence of overflows and the management of overflows, in the sense of either controlling or coping with them. Individual chapters show the management of overflows taking place in various social settings, periods and political contexts. This includes attempts by states to manage future consumption overflow in post-war Easter European, contemporary economies of sharing, managing overflow in health care administration, overflow problems in mass travel and migration, overflow in digital services and the overflow that scholars face in dealing with an abundance of publications.

⇒ Ausführliche Angaben: HT020310426
Logie, Jacques / Vitali-Volant, Maria Giuseppina / Legay, Marie-Laure: Lombardie et Pays-Bas autrichiens
French. Inhaltliche Zusammenfassung: Au cours de la seconde moitié du XVIIIe siècle, la monarchie habsbourgeoise entama des réformes visant à modifier une série de paramètres de la vie politique et sociale, d'abord, le plus souvent, dans ses possessions italiennes, dont la Lombardie était la plus vaste, puis dans les Pays-Bas. Dans ce volume, une douzaine d'historiens universitaires, belges, français et italiens, se livrent à un vaste tour d'horizon de ces réformes, des conditions de leur mise en œuvre et de la réception qu’elles ont reçue dans ces deux territoires, alors également soumis aux autorités politiques viennoises, mais disposant chacun, cependant, d’une certaine autonomie au sein de la monarchie habsbourgeoise. Tour à tour toutes les grandes questions de l’époque sont abordées, depuis les relations de ces provinces avec Vienne jusqu’aux tentatives de modernisation de l’enseignement, de la police ou de la justice, en passant par les rapports tendus qu’entretenaient, en Lombardie et dans les Pays-Bas, l’Église et l’État, les réformes économiques mises en œuvre dans ces deux provinces, ou encore les solutions qu’on tenta d’y apporter aux difficiles questions de l’assistance aux pauvres et de la santé. Tous les textes de ce volume sont pourvus d’un bref résumé en italien.
⇒ Ausführliche Angaben: HT020309783

English. Inhaltliche Zusammenfassung: Biomimetic and bioinspired membranes are the most promising type of membrane for multiple usage scenarios, including commercial separation applications as well as water and wastewater treatment technologies. In recent years, aquaporin biomimetic membranes (ABMs) for water purification have raised considerable interest. These membranes display uniquely favorable properties and outstanding performances, such as diverse interactions, varied selective transport mechanisms, superior stability, high resistance to membrane fouling, and distinct adaptability. Biomimetic membranes would make a significant contribution to alleviate water stress, environmental threats, and energy consumption.
⇒ Ausführliche Angaben: HT020308504

Loir, Christophe: Lémergence des beaux-arts en Belgique
⇒ Ausführliche Angaben: HT020309764
Loira, Iris / Morata, Antonio: Advances in Grape and Wine Biotechnology

English. Inhaltliche Zusammenfassung: Advances in Grape and Wine Biotechnology is a collection of fifteen chapters that addresses different issues related to the technological and biotechnological management of vineyards and winemaking. It focuses on recent advances in the field of viticulture with interesting topics such as the development of a microvine model for research purposes, the mechanisms of cultivar adaptation and evolution in a climate change scenario, and the consequences of vine water deficit on yield components. Other topics include the metabolic profiling of different Saccharomyces and non-Saccharomyces yeast species and their contribution in modulating the sensory quality of wines produced in warm regions, the use of new natural and sustainable fining agents, and available physical methods to reduce alcohol content. This volume will be of great interest to researchers and vine or wine professionals.

⇒ Ausführliche Angaben: HT020309475

Loira, Iris / Morata, Antonio: Grape and Wine Biotechnology

English. Inhaltliche Zusammenfassung: Grape and Wine Biotechnology is a collective volume divided into 21 chapters focused on recent advances in vine pathology and pests, molecular tools to control them, genetic engineering and functional analysis, wine biotechnology including molecular techniques to study Saccharomyces and non-Saccharomyces yeast in enology, new fermentative applications of nonconventional yeasts in wine fermentation, biological aging on lees and wine stabilization, advanced instrumental techniques to detect wine origin and frauds, and many other current applications useful for researchers, lecturers, and vine or wine professionals. The chapters have been written by experts from different universities and research centers of 13 countries being representative of the knowledge, research, and know-how of many wine regions worldwide.

⇒ Ausführliche Angaben: HT020308066

Loira, Iris / Morata, Antonio: Yeast - Industrial Applications

English. Inhaltliche Zusammenfassung: Yeast - Industrial Applications is a book that covers applications and utilities of yeasts in food, chemical, energy, and environmental industries collected in 12 chapters. The use of yeasts in the production of metabolites, enzymatic applications, fermented foods, microorganism controls, bioethanol production, and bioremediation of contaminated environments is covered showing results, methodologies, and processes and describing the specific role of yeasts in them. The traditional yeast Saccharomyces cerevisiae is complemented in many applications with the use of less known non-Saccharomyces yeasts that now are being used extensively in industry. This book compiles the experience and know-how of researchers and professors from international universities and research centers.

⇒ Ausführliche Angaben: HT020308475

Lomas, Kathryn / Cornell, Tim J.: Urban Society In Roman Italy

English. Inhaltliche Zusammenfassung: This collection of original essays focuses upon Roman Italy where, with over 400 cities, urbanization was at the very centre of Italian civilization. Informed by an awareness of the social and anthropological issues of recent research, these contributions explore not only questions of urban origins, interaction with the countryside and economic function, but also the social use of space within the city and the nature of the development process.; These studies are aimed not only at ancient historians and classical archaeologists, but are directed towards those working in the related fields of urban studies in the Mediterranean world and elsewhere and upon the general theory of towns and complex societies.

⇒ Ausführliche Angaben: HT020310064
English. Inhaltliche Zusammenfassung: Traumatic brain injury (TBI) syndrome has emerged as a serious health concern worldwide due to the severity of outcomes and growing socio-economic impacts of the diseases, e.g., high cost of long-term medical care and loss of quality of life. This book focuses on the TBI pathobiology as well as on the recent developments in advanced diagnostics and acute management. The presented topics encompass personal experience and visions of the chapter contributors as well as an extensive analysis of the TBI literature. The book is addressed to a broad audience of readers from students to practicing clinicians.
⇒ Ausführliche Angaben: HT020308696

Long, Layron: Updates and Advances in Nephrolithiasis - Pathophysiology, Genetics, and Treatment Modalities
English. Inhaltliche Zusammenfassung: In recent decades, we have enhanced our understanding of the pathophysiology and genetics of rare and common causes of kidney stones. With our evolving understanding of the epidemiology, biology, and genetics of nephrolithiasis and the advances in therapeutic technologies, we have made significant progress in patient care. Furthermore, advances in the medical management and surgical technologies have allowed us to embellish the optimal outcomes in the management of complex kidney stone disease.
⇒ Ausführliche Angaben: HT020308394

Lopes, Manuel Matos / Murshed, S M Sohel: Heat Exchangers - Advanced Features and Applications
English. Inhaltliche Zusammenfassung: This book presents contributions from renowned experts addressing research and development related to the two important areas of heat exchangers, which are advanced features and applications. This book is intended to be a useful source of information for researchers, postgraduate students, academics, and engineers working in the field of heat exchangers research and development.
⇒ Ausführliche Angaben: HT020308229

Lopes, Manuel Matos / Murshed, S M Sohel: Heat Exchangers - Design, Experiment and Simulation
English. Inhaltliche Zusammenfassung: Presenting contributions from renowned experts in the field, this book covers research and development in fundamental areas of heat exchangers, which include: design and theoretical development, experiments, numerical modeling and simulations. This book is intended to be a useful reference source and guide to researchers, postgraduate students, and engineers in the fields of heat exchangers, cooling, and thermal management.
⇒ Ausführliche Angaben: HT020308228

English. Inhaltliche Zusammenfassung: The history and past management of trees within woodlands are the main objectives of this book. The authors show four points of view about one theme: silvicultures. Wood pasture systems of South East England and Northern Italy, Spanish pollard forests, and Portuguese montado are great examples of European ancient forests. Reconstruction of forest ecology, management, protection, and the understanding of these silvicultures from different perspectives are the main values of this monograph. The authors would like to make all readers aware of the value of ancient forests as cultural and socioecosystem services.
López-Ruiz, Ricardo: *Complexity in Biological and Physical Systems - Bifurcations, Solitons and Fractals*  
English. Inhaltliche Zusammenfassung: Modeling and simulating biological and physical systems are nowadays active branches of science. The diversity and complexity of behaviors and patterns present in the natural world have their reciprocity in life systems. Bifurcations, solitons and fractals are some of these ubiquitous structures that can be indistinctively identified in many models with the most diverse applications, from microtubules with an essential role in the maintenance and the shaping of cells, to the nano/microscale structure in disordered systems determined with small-angle scattering techniques. This book collects several works in this direction, giving an overview of some models and theories, which are useful for the study and analysis of complex biological and physical systems. It can provide a good guidance for physicists with interest in biology, applied research scientists and postgraduate students.

⇒ Ausführliche Angaben: HT020308659

Lopez-Ruiz, Ricardo: *From Natural to Artificial Intelligence - Algorithms and Applications*  
English. Inhaltliche Zusammenfassung: Artificial intelligence (AI) is a field experiencing constant growth and change, with a long history. The challenge to reproduce human behavior in machines requires the interaction of many fields, from engineering to mathematics, from neurology to biology, from computer science to robotics, from web search to social networks, from machine learning to game theory, et cetera Numerous applications and possibilities of AI are already a reality but other ones are still needed to reduce the human limitations and to expand the human capability to limits beyond our imagination. This book brings together researchers working on areas related to AI such as speech and face recognition, representation of learning and acoustic scenarios, fuzzy inference and data exploration, cellular automata applications with a special interest in the tools and algorithms that can be applied in these different branches of the AI discipline. The book provides a new reference to an audience interested in the development of this field.

⇒ Ausführliche Angaben: HT020309150

Lorente, Javier Del Ser: *Heuristics and Hyper-Heuristics - Principles and Applications*  
English. Inhaltliche Zusammenfassung: In the last few years, the society is witnessing ever-growing levels of complexity in the optimization paradigms lying at the core of different applications and processes. This augmented complexity has motivated the adoption of heuristic methods as a means to balance the Pareto trade-off between computational efficiency and the quality of the produced solutions to the problem at hand. The momentum gained by heuristics in practical applications spans further towards hyper-heuristics, which allow constructing ensembles of simple heuristics to handle efficiently several problems of a single class. In this context, this short book compiles selected applications of heuristics and hyper-heuristics for combinatorial optimization problems, including scheduling and other assorted application scenarios.

⇒ Ausführliche Angaben: HT020308386

Loreto, Érico Silva de / Tondolo, Juliana Simoni Moraes: *Fungal Infection*  
English. Inhaltliche Zusammenfassung: This book aims to provide readers with some of the current trends in mycology. Its chapters include discussions on the major invasive fungal diseases, host-pathogen interactions, relationships between fungal growth and the environment, the use of fungal species to control soil parasites, and the antifungal properties of f
thiosulfonates. The information herein covers topics in mycological research and will be of interest to students and researchers in all biological sciences.

⇒ Ausführliche Angaben: HT020309385

Loubere, Nicholas: Development on Loan: Microcredit and Marginalisation in Rural China
English. Inhaltliche Zusammenfassung: Key to Chinas plans to promote rural development is the de-marginalisation of the countryside through the incorporation of rural areas into the urban-based market-oriented financial system. For this reason, Chinese development planners have turned to microcredit-i.e. the provision of small-scale loans to financially excluded rural households-as a means of increasing financial consciousness and facilitating rural de-marginalisation. Drawing on years of in-depth fieldwork in rural China, this book examines the formulation, implementation and outcomes of government-run microcredit programmes in China-illuminating the diverse roles that microcredit plays in local processes of socio-economic development and the livelihoods of local actors. It details how microcredit facilitates de-marginalisation for some, while simultaneously exacerbating the marginalisation of others; and exposes the ways in which microcredit and other top-down development strategies reflect and reinforce the contradictions and paradoxes implicit in rural Chinas contemporary development landscape.

⇒ Ausführliche Angaben: HT020309907

Louppe, Dominique / Guerin, Hubert / Toutain, Bernard: Les cultures fourragères
French. Inhaltliche Zusammenfassung: Tropical forage crops used to feed the livestock are of crucial important in the sustainable development of hot regions. The first part of this work is intended to guide the choice of forage plants and their crops (diversity of forage plants and their uses based on environments and livestock systems). The second focuses on the growing and management of forage crops (production techniques from planting to harvesting the crops). The challenges of woody forage, production of forage seed and the economics of forage production are also addressed. A CD-ROM presents case studies, illustrations and sheets for each plant.

⇒ Ausführliche Angaben: HT020310351

Loures, Luís Carlos: Land Use - Assessing the Past, Envisioning the Future
English. Inhaltliche Zusammenfassung: The intensive increase in land use change is considered both a source of richness and a serious problem to landscape sustainability. In this scenario, although land use change plays a very important role for societal development, the impact of land use changes on economic, social, and ecological functions requires special attention. The new environmental paradigms associated with globalization and progressive climate change will certainly intensify the entropy and the instability in most of the existing land-uses. In this regard, this book aims to highlight a body of knowledge related to the discussion of the opportunities and challenges associated with the development of new sustainable landscapes, considering current and future challenges related to land-use changes and planning.

⇒ Ausführliche Angaben: HT020309289

Loustau, Denis: Forests, carbon cycle and climate change
English. Inhaltliche Zusammenfassung: The results presented in this book summarize the main findings of the CARBOFOR project, which brought together 52 scientists from 14 research units to investigate the effects of future climate on the carbon cycle, the productivity and vulnerability of French forests. This book explains the current forest carbon cycle in temperate and Mediterranean climates, including the dynamics of soil carbon and the total
carbon stock of French forests, based on forest inventories. It reviews and illustrates the main
ground-based methods for estimating carbon stocks in tree biomass. Spatial variations in pro-
jected climate change over metropolitan France throughout the 21st century are described.
The book then goes on to consider the impacts of climate change on tree phenology and for-
est carbon balance, evapotranspiration and production as well as their first order interaction
with forest management alternatives. The impact of climate change on forest vulnerability is
analysed. A similar simulation study was carried out for a range of pathogenic fungi, emphasi-
sing the importance of both warming and precipitation changes. The consequences of climate
change on the occurrence of forest fires and the forest carbon cycle in the Mediterranean zone
are also considered. A valuable reference for researchers and academics, forest engineers and
managers, and graduate level students in forest ecology, ecological modelling and forestry.
⇒ Ausführliche Angaben: HT020307531

Low, Nicholas / Lidskog, Rolf / Gleeson, Brendan: Consuming Cities
English. Inhaltliche Zusammenfassung: This book is about cities as engines of consumption
of the worlds environment, and the spread of policies to reduce their impact. It looks at these
issues by examining the impact of the Rio Declaration and assesses the extent to which it has
made a difference. Consuming Cities examines this impact using case studies from around
the world including: the USA, Japan, Germany, the UK, China, India, Sweden, Poland, Au-
stralia and Indonesia. The contributors all have direct experience of the urban environment
and urban policies in the countries on which they write and offer an authoritative commentary
which brings the urban consumption dimension of sustainable development into focus.
⇒ Ausführliche Angaben: HT020310281

Lozza, Giuseppe / Criscuolo, Ugo: Sinesio di Cirene nella cultura tardo-
antica
English. Inhaltliche Zusammenfassung: "In un discorso volgente sul grande confronto fra cul-
tura pagana e cristiana al tramonto del mondo antico la testimonianza di Sinesio è certamen-
te significativa: ‘testimonianza’ diciamo, giacché quello di Sinesio non fu un apporto spiccato
nell’uno o l’altro dei due campi, bensì un messaggio mediato, con aderenze in entrambi, ma
con in più un che d’incompiuto, o d’ambiguo, che va assunto, e eventualmente compreso,
come tale”. (Antonio Garzya).
⇒ Ausführliche Angaben: HT020310401

Lübbe-Wolff, Gertrude: Recht und Moral im Umweltschutz
DE. Inhaltliche Zusammenfassung: Für das Verhältnis von Recht und Moral hat man sich
seit dem Ende des ersten Weltkriegs vor allem unter dem Gesichtspunkt des Kollisionsfalles
- des praktisch und begrifflich richtigen Umgangs mit unmoralischem Recht - interessiert. In
dieser Untersuchung geht es stattdessen um die Frage, was hinsichtlich des Umweltschut-
zes Sache der Moral und was Sache des Rechts ist, sowie um inadäquate Antworten auf
diese Frage in der Umweltphilosophie und der aktuellen umweltpolitischen Diskussion über
Deregulierung und Eigenverantwortung im Umweltschutz. Die Verfasserin ist Professorin für
Öffentliches Recht an der Universität Bielefeld, Verfasserin zahlreicher Arbeiten unter ande-
rem zum Umweltrecht und zur Rechtsphilosophie, und war als Leiterin einer Umweltbehörde
mehrere Jahre auch praktisch im Umweltschutz tätig.
⇒ Ausführliche Angaben: HT020307479

Luna, José M. / Cano, Alberto / Soto, Sebastian Ventura: Big Data on
Real-World Applications
9789535141945
English. Inhaltliche Zusammenfassung: As technology advances, high volumes of valuable
data are generated day by day in modern organizations. The management of such huge volumes of data has become a priority in these organizations, requiring new techniques for data management and data analysis in Big Data environments. These environments encompass many different fields including medicine, education data, and recommender systems. The aim of this book is to provide the reader with a variety of fields and systems where the analysis and management of Big Data are essential. This book describes the importance of the Big Data era and how existing information systems are required to be adapted to face up the problems derived from the management of massive datasets.

⇒ Ausführliche Angaben: HT020308023

Lupo, Anthony R.: Recent Developments in Tropical Cyclone Dynamics, Prediction, and Detection
English. Inhaltliche Zusammenfassung: Today, tropical cyclones continue to bring destruction, as well as disruption, to societies that are exposed to their threat. This book represents a compilation of recent cutting-edge research on tropical cyclones and their impacts from researchers at many institutions around the world. This book contains new looks at tropical cyclone dynamics, the use of satellite-based remote sensing in the detection and climatology of tropical cyclones, and the modeling and prediction of tropical cyclones as well as their associated impacts. This book would make a nice addition to any course on tropical meteorology highlighting topics of interest in recent research on this topic.

⇒ Ausführliche Angaben: HT020308073

Lupu, Nicoleta: Electrodeposited Nanowires and their Applications
English. Inhaltliche Zusammenfassung: The book offers a new and complex perspective on the fabrication and use of electrodeposited nanowires for the design of efficient and competitive applications. While not pretending to be comprehensive, the book is addressing not only to researchers specialized in this field, but also to Ph.D. students, postdocs and experienced technical professionals.

⇒ Ausführliche Angaben: HT020309540

Lupu, Nicoleta: Nanowires Science and Technology
English. Inhaltliche Zusammenfassung: This book describes nanowires fabrication and their potential applications, both as standing alone or complementing carbon nanotubes and polymers. Understanding the design and working principles of nanowires described here, requires a multidisciplinary background of physics, chemistry, materials science, electrical and optoelectronics engineering, bioengineering, et cetera This book is organized in eighteen chapters. In the first chapters, some considerations concerning the preparation of metallic and semiconductor nanowires are presented. Then, combinations of nanowires and carbon nanotubes are described and their properties connected with possible applications. After that, some polymer nanowires single or complementing metallic nanowires are reported. A new family of nanowires, the photoferroelectric ones, is presented in connection with their possible applications in non-volatile memory devices. Finally, some applications of nanowires in Magnetic Resonance Imaging, photoluminescence, light sensing and field-effect transistors are described. The book offers new insights, solutions and ideas for the design of efficient nanowires and applications. While not pretending to be comprehensive, its wide coverage might be appropriate not only for researchers but also for experienced technical professionals.

⇒ Ausführliche Angaben: HT020307670

Luqman, Mohammad: Recent Advances in Plasticizers
English. Inhaltliche Zusammenfassung: Plasticizers are used to increase the process-ability, flexibility, and durability of the material, and of course to reduce the cost in many cases. This edition covers introduction and applications of various types of plasticizers including those
based on non-toxic and highly effective pyrrolidones, and a new source of Collagen based bio-plasticizers that can be obtained from discarded materials from a natural source; Jumbo Squid (Dosidicus gigas). It covers the application of plasticizers in plastic, ion-selective electrode/electrochemical sensor, transdermal drug delivery system, pharmaceutical and environmental sectors. This book can be used as an important reference by graduate students, and researchers, scientists, engineers and industrialists in polymer, electrochemical, pharmaceutical and environmental industries.

⇒ Ausführliche Angaben: HT020307889

Lutjens, Richard: Submerged on the Surface
English. Inhaltliche Zusammenfassung: Between 1941 and 1945, some 6,500 Berlin Jews, in fear for their lives, made the choice to flee their impending deportations and live submerged in the shadows of the capital of Nazi Germany. The experience was brutally difficult, and most did not survive. Yet the experiences of 1,700 who did demonstrate a remarkable and hitherto unconsidered level of agency among the survivors. This book sheds light on the daily life of those who hid and on the city that was both the source of their persecution and the site of their survival.

⇒ Ausführliche Angaben: HT020307506

Lutsenko, Olena Ivanivna: Menstrual Cycle
English. Inhaltliche Zusammenfassung: In this book, Menstrual Cycle, we cover certain interesting aspects of the physiology and endocrinology of the female body, as well as clinical diagnosis and treatment of various gynecological diseases and disorders in women of reproductive age. In this way, scholars, postgraduates, students, and others will be able to become acquainted with modern scientific research into menstrual cycle. For others, this book will be the impetus for further research in this area.

⇒ Ausführliche Angaben: HT020309412

Luzzatto, Simone: Discourse on the State of the Jews. Bilingual Edition
English / Italian. Inhaltliche Zusammenfassung: In 1638, a small book of no more than 92 pages in octavo was published "appresso Gioanne Calleoni" under the title "Discourse on the State of the Jews and in particular those dwelling in the illustrious city of Venice." It was dedicated to the Doge of Venice and his counsellors, who are labelled "lovers of Truth." The author of the book was a certain Simone (Simha) Luzzatto, a native of Venice, where he lived and died, serving as rabbi for over fifty years during the course of the seventeenth century. Luzzatto’s political thesis is simple and, at the same time, temerarious, if not revolutionary: Venice can put an end to its political decline, he argues, by offering the Jews a monopoly on overseas commercial activity. This plan is highly recommendable because the Jews are "wellsuited for trade," much more so than others (such as "foreigners," for example). The rabbi opens his argument by recalling that trade and usury are the only occupations permitted to Jews. Within the confines of their historical situation, the Venetian Jews became particularly skilled at trade with partners from the Eastern Mediterranean countries. Luzzatto’s argument is that this talent could be put at the service of the Venetian government in order to maintain - or, more accurately, recover - its political importance as an intermediary between East and West. He was the first to define the role of the Jews on the basis of their economic and social functions, disregarding the classic categorisation of Judaism’s alleged privileged religious status in world history. Nonetheless, going beyond the socio-economic arguments of the book, it is essential to point out Luzzatto’s resort to sceptical strategies in order to plead in defence of the Venetian Jews. It is precisely his philosophical and political scepticism that makes Luzzatto’s texts so unique. This edition aims to grant access to his works and thought to English-speaking readers and scholars. By approaching his texts from this point.

⇒ Ausführliche Angaben: HT020309931
Luzzatto, Simone: Socrates, or On Human Knowledge. Bilingual Edition
English / Italian. Inhaltliche Zusammenfassung: Socrates, Or On Human Knowledge, published in Venice in 1651, is the only work written by a Jew that contains so far the promise of a genuinely sceptical investigation into the validity of human certainties. Simone Luzzatto masterly developed this book as a pièce of theatre where Socrates, as main actor, has the task to demonstrate the limits and weaknesses of the human capacity to acquire knowledge without being guided by revelation. He achieved this goal by offering an overview of the various and contradictory gnosiological opinions disseminated since ancient times: the divergence of views, to which he addressed the most attention, prevented him from giving a fixed definition of the nature of the cognitive process. This obliged him to come to the audacious conclusion of neither affirming nor denying anything concerning human knowledge, and finally of suspending his judgement altogether. This work unfortunately had little success in Luzzatto’s lifetime, and was subsequently almost forgotten. The absence of substantial evidence from his contemporaries and that of his epistolary have thus increased the difficulty of tracing not only its legacy in the history of philosophical though, but also of understanding the circumstances surrounding the writing of his Socrates. The present edition will be a preliminary study aiming to shed some light on the philosophical and historical value of this work’s translation, indeed it will provide a broader readership with the opportunity to access this immensely complicated work and also to grasp some aspects of the composite intellectual framework and admirable modernity of Venetian Jewish culture in the ghetto.
⇒ Ausführliche Angaben: HT020309921

Lynch, Kenny: Rural-Urban Interaction in the Developing World
English. Inhaltliche Zusammenfassung: Sustaining the rural and urban populations of the developing world has been identified as a key global challenge for the twenty-first century. Rural-Urban Interaction in the Developing World is an introduction to the relationships between rural and urban places in the developing world and shows that not all their aspects are as obvious as migration from country to city. There is now a growing realization that rural-urban relations are far more complex. Using a wealth of student-friendly features including boxed case studies, discussion questions and annotated guides to further reading, this innovative book places rural-urban interactions within a broader context, thus promoting a clearer understanding of the opportunities, as well as the challenges, that rural-urban interactions represent.
⇒ Ausführliche Angaben: HT020310147

M?rner, Nils-Axel: The Tsunami Threat - Research and Technology
English. Inhaltliche Zusammenfassung: Submarine earthquakes, submarine slides and impacts may set large water volumes in motion characterized by very long wavelengths and a very high speed of lateral displacement, when reaching shallower water the wave breaks in over land - often with disastrous effects. This natural phenomenon is known as a tsunami event. By December 26, 2004, an event in the Indian Ocean, this word suddenly became known to the public. The effects were indeed disastrous and 227,898 people were killed. Tsunami events are a natural part of the Earths geophysical system. There have been numerous events in the past and they will continue to be a threat to humanity; even more so today, when the coastal zone is occupied by so much more human activity and many more people. Therefore, tsunamis pose a very serious threat to humanity. The only way for us to face this threat is by increased knowledge so that we can meet future events by efficient warning systems and aid organizations. This book offers extensive and new information on tsunamis; their origin, history, effects, monitoring, hazards assessment and proposed handling with respect to precaution. Only through knowledge do we know how to behave in a wise manner. This book should be a well of tsunami knowledge for a long time, we hope.
⇒ Ausführliche Angaben: HT020307693
Ma, Yufei: Laser Technology and its Applications
English. Inhaltliche Zusammenfassung: The laser has become more and more important in scientific research and industrial applications. Now, the laser wavelength can cover the range from ultraviolet to terahertz and output laser performance has significantly progressed in recent years. This book is focused on the advanced diode laser, fiber laser, and their applications in laser ablation, laser-introduced fluorescence, and laser treatment. The advantages of laser technology are shown comprehensively.
⇒ Ausführliche Angaben: HT020309175

English. Inhaltliche Zusammenfassung: This book traces the evolution and trends in research and development (R&D) and sheds light on key R&D practices of vital importance for human, institutional, and economic sector growth. Following an introductory chapter, gathering a pool of knowledge about R&D, the subsequent book chapters are classified into three sections: (1) R&D for human growth and prosperity with particular focus on human development and research-development-extension relationships, (2) R&D for institutional growth with particular focus on small- and medium-sized enterprises (SMEs), and (3) R&D for economic sector growth with particular focus on smart microgrids, energy consumption and greenhouse gas emission, and metallurgical industry. Target readers of this book are various economic stakeholders including academia, industry, investors, and public sector entities. Given its transdisciplinary coverage of various areas in research and development, this book fills a knowledge gap and motivates research and innovation among academia, industry, and public sector.
⇒ Ausführliche Angaben: HT020308423

Maalawi, Karam Y.: Optimum Composite Structures
English. Inhaltliche Zusammenfassung: The subject of optimum composite structures is a rapidly evolving field and intensive research and development have taken place in the last few decades. Therefore, this book aims to provide an up-to-date comprehensive overview of the current status in this field to the research community. The contributing authors combine structural analysis, design and optimization basis of composites with a description of the implemented mathematical approaches. Within this framework, each author has dealt with the individual subject as he/she thought appropriate. Each chapter offers detailed information on the related subject of its research with the main objectives of the works carried out as well as providing a comprehensive list of references that should provide a rich platform of research to the field of optimum composite structures.
⇒ Ausführliche Angaben: HT020309211

Maaz, Khan: Cobalt
English. Inhaltliche Zusammenfassung: Cobalt is a brittle, hard, silver-grey transition metal with high melting point, hard-wearing at elevated temperatures, good corrosion resistance and improved chemical, magnetic and mechanical properties. This book aims to provide in-depth study and analyses of various synthesis and processing techniques and characterization of cobalt that can lead to its increased applications in recent technology. This book presents deep understanding of the new techniques from basic to the advance level for scientists and engineers. The chapters cover all major aspects about cobalt and its application in material characterization with special emphasis on both theoretical and experimental aspects. This book addresses engineering professionals, students and materials scientists.
⇒ Ausführliche Angaben: HT020308503

Maaz, Khan: Nanowires - New Insights
English. Inhaltliche Zusammenfassung: One-dimensional nanostructures, such as nanowires, have drawn extensive research interests in the recent years. The smaller size brings unique properties to the nanowires due to the finite size effect (quantum confinement effects). The unique geometrical features of the nanowires bring their utilization in many practical applications in the recent advanced technology. This book provides an updated review on fabrication, properties, and applications of various nanowires. This book is aimed to provide solid foundation of nanowires to the students, scientists, and engineers working in the field of material science and condensed matter physics.

⇒ Ausführliche Angaben: HT020308332

Maaz, Khan: Raman Spectroscopy and Applications
English. Inhaltliche Zusammenfassung: Raman spectroscopy has a number of applications in various fields including material science, physics, chemistry, biology, geology, and medicine. This book illustrates necessary insight and guidance in the field of Raman spectroscopy with detailed figures and explanations. This presents deep understanding of new techniques from basic introduction to the advance level for scientists and engineers. The chapters cover all major aspects of Raman spectroscopy and its application in material characterization with special emphasis on both the theoretical and experimental aspects. This book is aimed to provide solid foundation of Raman spectroscopy to the students, scientists, and engineers working in various fields as mentioned above.

⇒ Ausführliche Angaben: HT020308151

Maaz, Khan: Silver Nanoparticles - Fabrication, Characterization and Applications
English. Inhaltliche Zusammenfassung: Silver nanoparticles are the subject of immense interest because of their distinct chemical and physical properties that are different from their bulk counterpart. This makes these nanoparticles very important in many fields including antimicrobial applications, biosensor materials, composite fibers, cryogenic superconducting materials, cosmetic products, and electronic components. This book aims to provide in-depth study and analysis of various fabrication, characterization, and application techniques of silver nanoparticles that lead these nanoparticles very important in the recent technology. This book presents deep understanding of the new techniques from basic to the advanced level. This book addresses scientists, engineers, doctoral and postdoctoral fellows, and technical professionals working in specialized fields.

⇒ Ausführliche Angaben: HT020308867

Maaza, Malik / Izerrouken, Mahmoud: Charged Particles
English. Inhaltliche Zusammenfassung: A charged particle is a particle that carries an electric charge and can be discussed in many aspects. This book focuses on cutting-edge and important research topics such as flavor physics to search for new physics via charged particles that appear in different extensions of the standard model, as well as the analysis of ultrahigh energy muons using the pair-meter technique. Also included in this book are the idea of the Eloisatron to PeVatron, the important research field of electrostatic waves in magnetized electron/positron plasmas, and the application of charge bodies.

⇒ Ausführliche Angaben: HT020309255

Maaza, Malik / Ahmad, Ishaq: Ion Beam Applications
English. Inhaltliche Zusammenfassung: Ion beam of various energies is a standard research tool in many areas of science, from basic physics to diverse areas in space science and technology, device fabrications, materials science, environment science, and medical sciences. It is an advance and versatile tool to frequently discover applications across a broad range of disciplines and fields. Moreover, scientists are continuously improving the ion beam sources and
accelerators to explore ion beam at the forefront of scientific endeavours. This book provides a glance view on MeV ion beam applications, focused ion beam generation and its applications as well as practical applications of ion implantation.

⇒ Ausführliche Angaben: HT020308841

**Macek, Anita: International Trade - On the Brink of Change**
English. Inhaltliche Zusammenfassung: Based on previous observations, there is no doubt that trade enhanced economic growth. This is especially valid in regard to international trade as it can help or hinder entire regions, thus adding to the issue of international security. In this book, we tried to collect texts that would not repeat known facts on international trade but would rather discuss special issues. Furthermore, we also wanted to bring regional perspectives. Therefore, this book is organized into two sections: Selected Perspectives on International Trade and Regional Specific Issues of International Trade.

⇒ Ausführliche Angaben: HT020309633

**Macfarlane, Victoria / Orford, Scott / Jones, Martin: People, Places and Policy**
English. Inhaltliche Zusammenfassung: The Open Access version of this book, available at www.tandfebooks.com, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 3.0 license. Set within the context of UK devolution and constitutional change, People, Places and Policy offers important and interesting insights into ‘place-making’ and ‘locality-making’ in contemporary Wales. Combining policy research with policy-maker and stakeholder interviews at various spatial scales (local, regional, national), it examines the historical processes and working practices that have produced the complex political geography of Wales. This book looks at the economic, social and political geographies of Wales, which in the context of devolution and public service governance are hotly debated. It offers a novel ‘new localities’ theoretical framework for capturing the dynamics of locality-making, to go beyond the obsession with boundaries and coterminous geographies expressed by policy-makers and politicians. Three localities - Heads of the Valleys (north of Cardiff), central and west coast regions (Ceredigion, Pembrokeshire and the former district of Montgomeryshire in Powys) and the A55 corridor (from Wrexham to Holyhead) - are discussed in detail to illustrate this and also reveal the geographical tensions of devolution in contemporary Wales. This book is an original statement on the making of contemporary Wales from the Wales Institute of Social and Economic Research, Data and Methods (WISERD) researchers. It deploys a novel ‘new localities’ theoretical framework and innovative mapping techniques to represent spatial patterns in data. This allows the timely uncovering of both unbounded and fuzzy relational policy geographies, and the more bounded administrative concerns, which come together to produce and reproduce over time Wales’ regional geography.

⇒ Ausführliche Angaben: HT020310171

**MacGregor, Susanne / Jewson, Nick: Transforming Cities**
English. Inhaltliche Zusammenfassung: This collection examines the profound transformations that have characterised cities of the advanced capitalist societies in the final decades of the 20th century. It analyses ways in which relationships of contest, conflict and cooperation are realised in and through the social and spatial forms of contemporary urban life. In particular, the essays focus on the impact of economic restructuring and changing forms of urban governance on patterns of urban deprivation and social exclusion. These processes, they contend, are creating new patterns of social division and new forms of regulation and control.

⇒ Ausführliche Angaben: HT020310074

**Macualo, Freddy Humberto Escobar: Novel, Integrated and Revolutionary Well Test Interpretation and Analysis**
The TDS technique is a practical, easy, and powerful tool for well test interpretation. It uses characteristic features and points found on the pressure derivative versus time plot, so that reservoir parameters can be easily calculated by using several analytic expressions. Most calculations can be verified more than once and applied to systems where the conventional straight-line method has no applications. This book deals with well tests run in elongated systems, partially completed/penetrated wells, multirate tests, hydraulically fractured wells, interference tests, and naturally fractured reservoirs. This technique is used in all commercial well-testing software. Its use is the panacea for well test interpretation and can also be extended to rate-transient analysis, although not shown here.

Maddock, Jay: Public Health - Social and Behavioral Health
English. Inhaltliche Zusammenfassung: Human behavior accounts for the majority of morbidity and premature mortality throughout the world. This book explores several areas of human behavior including physical activity, nutrition and food, addictive substances, gun violence, sexual transmitted diseases and more. Several cutting edge methods are also examined including empowering nurses, community based participatory research and nature therapy. Less well known public health topics including human trafficking, tuberculosis control in prisons and public health issues in the deaf community are also covered. The authors come from around the world to describe issues that are both of local and worldwide importance to protect and preserve the health of populations. This book demonstrates the scope and some of the solutions to addressing todays most pressing public health issues.

Madejski, Pawe?: Thermal Power Plants - New Trends and Recent Developments
English. Inhaltliche Zusammenfassung: The demand for electricity and heat production is still largely covered by conventional thermal power plants based on fossil fuel combustion. Thermal power stations face a big challenge to meet the environmental requirements constantly keeping high process efficiency and avoiding lifetime shortening of critical components. In recent years, many activities have been observed to reduce pollutant emissions and optimize performance in thermal power plants. Increased share of renewable sources of energy in domestic markets enforces flexible operation and fast adjustment to actual demand. Gas power plants start to play a very important role in this process, allowing for rapid change of load and emission reduction. Operation under changing load together with keeping emissions at the accurate level requires constantly introducing new solutions and technologies as well as carrying out many research and development activities for optimization of the electricity and heat production process. The edited book is aimed to present new technologies, innovative solutions, measurement techniques, tools and computational methods dedicated to thermal power plants in the light of new trends and challenges.

Madrigal-Santillan, Eduardo Osiris / Morales-Gonzalez, Angel / Morales-González, Jose Antonio: A Master Regulator of Oxidative Stress - The Transcription Factor Nrf2
English. Inhaltliche Zusammenfassung: Due to that at present, the majority of diseases are associated with alterations in oxidative stress and inflammatory processes, and in that Nrf-2 is a modulator of these processes; knowing how this transcriptional factor functions and is regulated opens a therapeutic window to diverse diseases. Therefore, the efforts of various investigation groups are centered on finding activators and/or inhibitors of Nrf-2 to prevent or control diverse diseases, for example, cancer, where it would be important to regulate Nrf-2 in order for it to activate apoptosis pathways in cancerogenous cells, or in neurodegenerative
diseases where cell death is predominant, it would be important for Nrf-2 to activate antia-
poptotic pathways.
⇒ Ausführliche Angaben: HT020308116

Maeght-Bournay, Odile / Valceschini, Egizio / Cornu, Pierre: Lhistoire de
Inra, entre science et politique
French. Inhaltliche Zusammenfassung: Set up during the food crisis in the aftermath of the
Second World War, Frances National Institute for Agricultural Research (INRA) was founded
on the notion that public scientific research into the management of life in all its multifarious
forms would be of major importance for rebuilding Frances position in the world. This book,
based on original documentation and testimonies of the main protagonists, explores the 70
years of the institutes life, focusing on the interactions between science and politics.
⇒ Ausführliche Angaben: HT020310375

Maenner, Ludwig: Karl Gutzkow und der demokratische Gedanke
1921. 1 electronic resource (159 pages). ISBN 9783486746624
German.
⇒ Ausführliche Angaben: HT020310035

Magdalinski, Tara / Chandler, Timothy: With God on their Side
9781134511624
English. Inhaltliche Zusammenfassung: Sport and religion are cultural institutions with a
global reach. Each is characterised by ritualised performance and by the ecstatic devotion of
its followers, whether in the sports arena or the cathedral of worship. This fascinating collec-
tion is the first to examine, in detail, the relationship between these two cultural institutions
from an international, religiously pluralistic perspective. It illuminates the role of sport and
religion in the social formation of collective groups, and explores how sport might operate in
the service of a religious community. The book offers a series of cutting-edge contemporary
historical case-studies, wide-ranging in their social and religious contexts. It presents impor-
tant new work on the following fascinating topics: * sport and Catholicism in Northern Ireland
* Shinto and sumo in Japan * women, sport and the American Jewish identity * religion, race
and rugby in South Africa * sport and Islam in France and North Africa * sport and Christian
fundamentalism in the US * Muhammad Ali and the Nation of Islam. With God on their Side is
vital reading for all students of the history, sociology and culture of sport. It also presents im-
portant new research material that will be of interest to religious studies students, historians
and anthropologists.
⇒ Ausführliche Angaben: HT020310060

Magdeldin, Sameh: Affinity Chromatography
English. Inhaltliche Zusammenfassung: Most will agree that one major achievement in the
bio-separation techniques is affinity chromatography. This coined terminology covers a my-
riad of separation approaches that relies mainly on reversible adsorption of biomolecules
through biospecific interactions on the ligand. Within this book, the authors tried to deliver
for you simplified fundamentals of affinity chromatography together with exemplarily appli-
cations of this versatile technique. We have always been endeavor to keep the contents of
the book crisp and easily comprehensive, hoping that this book will receive an overwhelming
interest, deliver benefits and valuable information to the readers.
⇒ Ausführliche Angaben: HT020307887

Magdeldin, Sameh: Gel Electrophoresis - Principles and Basics
English. Inhaltliche Zusammenfassung: Most will agree that gel electrophoresis is one of the
basic pillars of molecular biology. This coined terminology covers a myriad of gel-based separation approaches that rely mainly on fractionating biomolecules under electrophoretic current based mainly on the molecular weight. In this book, the authors try to present simplified fundamentals of gel-based separation together with exemplarily applications of this versatile technique. We try to keep the contents of the book crisp and comprehensive, and hope that it will receive overwhelming interest and deliver benefits and valuable information to the readers.

⇒ Ausführliche Angaben: HT020307897

Mager, Ute / Limbach, Jutta / Kunig, Philip: Recht und Geschlecht

⇒ Ausführliche Angaben: HT020309679

Maghraby, Ahmed M.: New Insights on Gamma Rays
English. Inhaltliche Zusammenfassung: Gamma radiation has been discovered since more than a century and contributed in many achievements in human life. Continuous developments make it necessary to have more understandings and more discussions about well-established concepts as well as newly implemented hypothesis and applications of gamma rays. This book presents new visions of gamma ray spectrometry and applications. I hope this book can present part of the useful applications of gamma rays.

⇒ Ausführliche Angaben: HT020308258

Maghraby, Ahmed M.: Topics From EPR Research
English. Inhaltliche Zusammenfassung: Electron paramagnetic resonance (EPR) spectroscopy has become one of the leading spectroscopic techniques. It targets materials containing unpaired electrons and possesses many applications. Since it was discovered more than 70 years ago, EPR spectroscopy is subjected to uninterrupted development and comprehensive studies. This book represents some of recent topics from EPR research.

⇒ Ausführliche Angaben: HT020308258

Magnusson, Peter: Aortic Stenosis - Current Perspectives
English. Inhaltliche Zusammenfassung: As the most common cardiac valve disease, aortic stenosis is frequently encountered by healthcare providers in clinical practice. It may be suspected from a cardiac murmur found at a routine clinical exam, signs on ECG, heart failure, or an episode of syncope or arrhythmia. Echocardiography as well as other imaging tools provide information about the degree of severity of the stenosis. Nevertheless, careful judgement of potential symptoms is crucial. When it comes to treatment, a catheter-based approach has emerged as the preferred option in many cases, even though open-chest surgery is still standard treatment. Regardless of treatment modality, a multidisciplinary team is needed to provide optimal management of patients with aortic stenosis. This book provides
all the necessary information on aortic stenosis, including etiology, diagnosis, treatment, and follow-up.

⇒ Ausführliche Angaben: HT020309510

Mahamood, Mohammad / Shah, Mohammad Manjur: Nematology - Concepts, Diagnosis and Control
English. Inhaltsliche Zusammenfassung: Nematology being an established discipline covers a wide range of area ranging from basic aspect to the advanced and applied aspects involving recent advances in molecular techniques. This book discusses the following topics: the role of nematodes in our life (in agriculture, ecosystem functioning, experimental biology, ecological studies, pest management programs, or biocontrol), identification of GRSPs in nematode genomes, novel way for the diagnosis of pathogenic nematodes involving various recent molecular techniques, other methodologies for successful control of termites, evolution of plant-parasitic nematodes, viability of adult filarial nematode parasites, the impact of plant-parasitic nematodes on crops, and harnessing useful rhizosphere microorganisms for nematode control. The book also encompasses on classical study, molecular study, bioinformatics in nematology, biodiversity analysis, and culturing of nematodes in laboratory condition.

⇒ Ausführliche Angaben: HT020308377

Maharg, Paul / Bone, Alison: Critical Perspectives on the Scholarship of Assessment and Learning in Law
English. Inhaltsliche Zusammenfassung: The Assessment in Legal Education book series offers perspectives on assessment in legal education across a range of Common Law jurisdictions. Each volume in the series provides: Information on assessment practices and cultures within a jurisdiction. A sample of innovative assessment practices and designs in a jurisdiction. Insights into how assessment can be used effectively across different areas of law, different stages of legal education and the implications for regulation of legal education assessment. Appreciation of the multidisciplinary and interdisciplinary research bases that are emerging in the field of legal education assessment generally. Analyses and suggestions of how assessment innovations may be transferred from one jurisdiction to another. The series will be useful for those seeking a summary of the assessment issues facing academics, students, regulators, lawyers and others in the jurisdictions under analysis. The exemplars of assessment contained in each volume may also be valuable in assisting cross-jurisdictional fertilisation of ideas and practices. This first volume focuses on assessment in law schools in England. It begins with an introduction to some recent trends in the culture and practice of legal education assessment. The first chapter focuses on the general regulatory context of assessment and learning in that jurisdiction, while the remainder of the book offers useful exemplars and expert critical discussion of assessment theories and practices. The series is based in the PEARL Centre (Profession, Education and Regulation in Law), in The Australian National University's College of Law.

⇒ Ausführliche Angaben: HT020307512

Mahdi, Batool Mutar: New Concepts in Inflammatory Bowel Disease
English. Inhaltsliche Zusammenfassung: Inflammatory bowel disease is a chronic immune-mediated inflammation of the gastrointestinal tract of unknown origin, which includes Crohn’s disease, ulcerative colitis, and inflammatory bowel disease of unclassified type. It is associated with different intestinal and extraintestinal manifestations like different neurological and psychiatric disorders. Histology is an important tool in the diagnosis and prognosis of inflammatory bowel disease and has an increasing part in patients management. The objective of treatment is to make and keep long-lasting remission by immunosuppressive treatment like corticosteroids, thiopurines, and monoclonal antibodies directed against tumor necrosis factor alpha. Therapeutic drug monitoring of thiopurines by measuring levels of their metabolites has been proposed as a potentially effective tool in optimizing therapy in inflammatory
bowel disease. Diets and their components influence microbiota of the intestine, function of the epithelial barrier, immune response, and other factors that have an important role in development and treatment of inflammation in the gut mucosa.

⇒ Ausführliche Angaben: HT020308621

**Mahlangu, Vimbi Petrus: Reimagining New Approaches in Teacher Professional Development**


English. Inhaltliche Zusammenfassung: Reimagining new approaches in teacher professional development is the focus of this book. It looks at different perspectives of teacher professional development. Most chapters directly or indirectly present and discuss new approaches in teacher professional development in general. The purpose of the book is to inform readers that there are new ways of developing teachers professionally, and to equip readers with the skills needed to teach or behave in a professional manner. The book aims at providing new knowledge about professional development to academics, universities, education authorities, teachers, parents, and governing body members. The authors have diverse perspectives about the issues or aspects pertaining to teacher professional development.

⇒ Ausführliche Angaben: HT020309047

**Mahmood, Usman: Fluid and Electrolyte Disorders**


English. Inhaltliche Zusammenfassung: This book provides readers with all the tools needed to handle interesting clinical challenges in the field of fluid and electrolyte disorders. It aims to offer an up-to-date clinical text for medical residents, fellows, practicing physicians, and nephrologists in a simple and easy-to-understand format. It provides the right balance between basic science and practical clinical guidance. It discusses the current evidence regarding the physiology, basic fundamentals, clinical presentation, and management of these disorders and will help clinicians to handle these disorders effectively. And all chapters have been extensively revised and bound to include the latest developments in the field.

⇒ Ausführliche Angaben: HT020309448

**Mahmoud, Barakat S. M.: Salmonella - A Dangerous Foodborne Pathogen**


English. Inhaltliche Zusammenfassung: More than 2,500 serotypes of Salmonella exist. However, only some of these serotypes have been frequently associated with food-borne illnesses. Salmonella is the second most dominant bacterial cause of food-borne gastroenteritis worldwide. Often, most people who suffer from Salmonella infections have temporary gastroenteritis, which usually does not require treatment. However, when infection becomes invasive, antimicrobial treatment is mandatory. Symptoms generally occur 8 to 72 hours after ingestion of the pathogen and can last 3 to 5 days. Children, the elderly, and immunocompromised individuals are the most susceptible to salmonellosis infections. The annual economic cost due to food-borne Salmonella infections in the United States alone is estimated at $2.4 billion, with an estimated 1.4 million cases of salmonellosis and more than 500 deaths annually. This book contains nineteen chapters which cover a range of different topics, such as the role of foods in Salmonella infections, food-borne outbreaks caused by Salmonella, biofilm formation, antimicrobial drug resistance of Salmonella isolates, methods for controlling Salmonella in food, and Salmonella isolation and identification methods.

⇒ Ausführliche Angaben: HT020309569

**Mahood, Linda: Policing Gender, Class And Family In Britain, 1800-1945**


English. Inhaltliche Zusammenfassung: This book is intended for undergraduate courses on modern British history, womens history, courses on family, sexuality and childhood. Womens studies, history of education, sociology.

⇒ Ausführliche Angaben: HT020310166
Maia, Nuno Manuel Mendes / Zhou, Yun Lai / Wahab, Magd Abdel: Structural Health Monitoring from Sensing to Processing
English. Inhaltsliche Zusammenfassung: Structural health monitoring (SHM) has attracted more attention during the last few decades in many engineering fields with the main aim of avoiding structural disastrous events. This aim is achieved by using advanced sensing techniques and further data processing. SHM has experienced booming advancements during recent years due to the developments in sensing techniques. The reliable operation of current, sophisticated, man-made structures drives the development of incipient reliable damage diagnosis and assessment. This book aims to illustrate the background and applications of SHM from both sensing and processing approaches. Its main objective is to summarize the advantages and disadvantages of SHM methodologies and their applications, which may provide a new perspective in understanding SHM for readers from diverse engineering fields.
⇒ Ausführliche Angaben: HT020309025

Maier, Karl Ernst: Grundriss moralischer Erziehung
⇒ Ein Buch
  - Magazin: 16=16 / 86 / 19
⇒ RPB (Rheinland-Pfälzische Bibliographie):
  - 120
⇒ Schlagwort: Sittliche Erziehung
⇒ Ausführliche Angaben: HT002134153

Maisch, Maire / Winter, Richard: Professional Competence And Higher Education
⇒ Ausführliche Angaben: HT020310161

Makun, Hussaini Anthony: Significance, Prevention and Control of Food Related Diseases
English. Inhaltsliche Zusammenfassung: Food-borne diseases are major causes of morbidity and mortality in the world. It is estimated that about 2.2 million people die yearly due to food and water contamination. Food safety and consequently food security are therefore of immense importance to public health, international trade and world economy. This book, which has 10 chapters, provides information on the incidence, health implications and effective prevention and control strategies of food-related diseases. The book will be useful to undergraduate and postgraduate students, educators and researchers in the fields of life sciences, medicine, agriculture, food science and technology, trade and economics. Policy makers and food regulatory officers will also find it useful in the course of their duties.
⇒ Ausführliche Angaben: HT020308014

Malangu, Ntambwe: Pharmacokinetics and Adverse Effects of Drugs - Mechanisms and Risks Factors
English. Inhaltsliche Zusammenfassung: This book is a fruit of a collaborative work from several international scientists. It will be a useful resource for researchers, students, and clinicians. Each individual chapter could serve as a prescribed reading for postgraduate students and clinicians specializing in and practicing clinical pharmacology and toxicology, pharmacotherapy and pharmacotherapeutics, pharmacovigilance, and toxicovigilance, as well as those involved in clinical research, drug discovery, and development. Every chapter in this book
discusses and provides illustrations on the theme discussed based on authors understanding and experience while summarizing existing knowledge. In doing so, each chapter provides a new insight that would benefit a novice as well as a seasoned reader in understanding the pharmacokinetic mechanisms and risk factors involved in the occurrence of adverse effects of drugs.

⇒ Ausführliche Angaben: HT020308713

**Malangu, Ntambwe: Poisoning - From Specific Toxic Agents to Novel Rapid and Simplified Techniques for Analysis**
English. Inhaltliche Zusammenfassung: This book, which is the result of contributions from a team of international authors, presents a collection of materials that can be categorized into two groups. The first group of papers deals with clinical toxicology topics including poisoning by anticoagulant rodenticides, food toxins, carbon monoxide, the toxicity of beta-lactam antibiotics, acute neonicotinoid poisoning, occupational risk factors for acute pesticide poisoning, activating carbon fibers, and date pits for use in liver toxin adsorption. The second group of papers deals with forensic or analytical toxicology topics such as simplified methods for the analysis of gaseous toxic agents, rapid methods for the analysis and monitoring of pathogens in drinking water and water-based solutions, as well as the linkages between clinical and forensic toxicology. Each chapter presents new information on the topic discussed based on authors experience while summarizing existing knowledge. As such, this book will be a good teaching aid and can be a prescribed or recommended reading for postgraduate students and professionals in the fields of public health, medicine, pharmacy, nursing, biology, toxicology, and forensic sciences.

⇒ Ausführliche Angaben: HT020308524

**Malcangio, Daniela: Applications in Water Systems Management and Modeling**
English. Inhaltliche Zusammenfassung: With the growth of urbanization, industrialization, and intensive agricultural practices, all superficial, inland, and marine water bodies have become the repository for large quantities of every type of substance extraneous to the natural aquatic environment. The knowledge of hydrodynamics becomes crucial in this context, as it is the driving mechanism for the movement and transport of these matters and of sediments that become collectors of these substances, in a surface water system. The best way to understand these natural processes is via examples and case studies. This book deals with practical studies of hydrodynamic processes through physical and numerical models. Researchers, together with practicing engineers, will find this book useful in making a rapid assessment of different environmental water body problems.

⇒ Ausführliche Angaben: HT020308669

**Maldonado, Cecilia: Pain Relief - From Analgesics to Alternative Therapies**
English. Inhaltliche Zusammenfassung: Since the beginning of times, pain treatment has been the motive of research giving birth to multiple groups of pharmacological families and therapies. Pain perception is a construction built over the biological phenomenon of signal transduction surrounded by different factors such as gender, age, and sociocultural status, among others. The concept of pain as the solely biological manifestation of defense is nowadays considered as a narrow-minded view of this topic. In this regard concepts such as newborns feel no pain or older people complain about everything therefore should not be paid attention when referring pain, are being left behind in the understanding that pain alleviation is a human right and everybody feeling pain should be helped for its relief. This book comprises many aspects of pain treatment and the drugs involved in it. From old analgesics with new mechanisms of action for pain alleviation to analgesics potential for diminishing oxidative stress; from pharmacological therapies to electrical ones, going through alternative medicine;
and from pain treatment in dentistry to chronic pain therapies, also boarding the treatment of migraine, different experts share their knowledge on the topic.

⇒ Ausführliche Angaben: HT020308272

**Malek, Maaza / Ahmad, Ishaq: Accelerator Physics - Radiation Safety and Applications**
English. Inhaltliche Zusammenfassung: Scientists are continuously improving the accelerator and light source technologies to observe the secret of matter as well as the origin of nature which create new opportunities for accelerator physics research. This book provides a glance view on phase space dynamics of electron beam, motion of relativistic electrons in threedimensional ideal undulator magnetic field, numerical simulation of electron multi-beam linear accelerator EVT, nuclear safety design of high energy accelerator facilities, and radiation safety aspects of operation of electron linear accelerators. The determination of the structure of biomolecules is presently among the best examples of the application of synchrotron radiation. This book also covers synchrotron-based X-ray diffraction study of mammalian connective tissues and related disease. Furthermore, an overview of the versatile applications of ion beam and synchrotron radiation techniques in hair elemental profiling in biomedical studies is also incorporated in this book.

⇒ Ausführliche Angaben: HT020308584

**Malik, Arshad M.: Hernia Surgery and Recent Developments**
English. Inhaltliche Zusammenfassung: This book highlights the hernia as an ancient disease that has affected the mankind all over the world with a very high frequency. The book contains a brief introductory chapter followed by various chapters emphasizing the evolution of hernia surgery from the very basic operations to the present highly advanced technique use in present era to treat this surgical problem. Hopefully, this book will be of significant benefit to the trainee and practicing surgeons alike.

⇒ Ausführliche Angaben: HT020308861

**Malik, Arshad M.: Laparoscopic Surgery**
English. Inhaltliche Zusammenfassung: Laparoscopic surgery developed as the most element change ever in the history of surgery. The approach of this method is no more a late headway. The history goes back three decades now when appendectomy was initially performed laparoscopically in 1983. It was then polished by not very many specialists, and there was a moderate move of the method from traditional open surgery to laparoscopic surgery. Hesitance to take in an absolutely new method, absence of facilities, and appropriate training were main considerations ruining its direction. After an underlying hindered period came a sudden ascent in the worldwide preoccupation of the consideration toward this novel strategy. There was an aggregate move from open to laparoscopic surgery in a large portion of the focuses with an expanding rundown of operations being performed laparoscopically. This book is intended to bring forward the very many advancements in the field of laparoscopic surgery. There are many valuable contributions from eminent laparoscopic surgeons ranging from diagnostic to therapeutic procedures performed by this technique. I hope it will benefit the trainee surgeons as well as the experienced alike. Suggestions and positive criticism are more than welcome.

⇒ Ausführliche Angaben: HT020309636

**Malik, Arshad M.: New Perspectives in Breast Imaging**
English. Inhaltliche Zusammenfassung: This book watches out for the issues on making moves for chest radiology in carcinoma of the chest. It focuses on all parts of radiological approaches to manage the breast illness, be it light (optical), sound (ultrasound), interest, microwave, electrical impedance, blend of these modalities, and a section of the incredibly intense issues on computer-aided detection. The dedication of the eminent analysts in this book has
incorporated a lot of energy for the people who are adequately drawn in with the clinical organization of this ailment and also for the students of radiology and surgery alike. This book will definitely be appreciated and well taken by the surgeons, radiologists, and other professionals involved in this field. The contributions are excellent in terms of diagnostic approach by radiological means and would certainly be a step forward in making it possible to reach to a conclusive diagnosis of breast cancer much before it becomes inoperable. The chapters included will further our knowledge and to the best of my belief will make things easier and definable in terms of diagnosis of breast cancer.

⇒ Ausführliche Angaben: HT020308452

Manafi, Milad: Poultry Science
English. Inhaltliche Zusammenfassung: When it comes to life science and specially by considering animal-origin protein, one of the main topics to gain importance with respect to human nutrition and health is poultry science. This book presents an introductory overview to the different fields/branches of poultry science with four main divisions: different feed resources for poultry, biofilms of salmonella and campylobacter in the poultry industry, prevention of different contaminants in modern poultry farms, and mycotoxins in poultry feed. This book will be beneficial for the graduate students, teachers, researchers, farmers, and other professionals, who are interested to fortify and expand their knowledge about chicken products in fields of poultry science, biotechnology, plant science, and agriculture.

⇒ Ausführliche Angaben: HT020309634

Manakil, Jane Francis: Insights into Various Aspects of Oral Health
English. Inhaltliche Zusammenfassung: Chronic inflammation such as seen in periodontitis and its bidirectional influence on the systemic health has been of increased interest for a decade. In this text book, we have explored the biological and genetic pathways by which periodontal diseases may influence these disease processes and vice versa. Occlusal rehabilitation using the MEAW technique for the effective treatment of class II deep bite malocclusion and the timely management of cleft lip and palate to benefit the holistic welfare of the patient are presented here. The book addresses the development of bioinspired functionally graded dental restorative materials and also a simulation method that can improve clinical durability and enhance the functional capability of the dentition and indirect prostheses. In conclusion, various pathways for the promotion of oral health with evidence-based concepts are considered.

⇒ Ausführliche Angaben: HT020308440

Manakil, Jane: Periodontology and Dental Implantology
English. Inhaltliche Zusammenfassung: Periodontology explores the molecular status in periodontal disease. Optical devices in the diagnosis and management of the disease are also discussed. The book addresses the role of the oral healthcare provider in interprofessional communication in the systemic management of autoimmune bullous disease-associated conditions. A study involving chemically modified tetracyclines and host modulation with nonsurgical and surgical periodontal therapy, including postoperative pain management, is presented here. Therapeutic strategies of stem cell application in bone tissue engineering and the potential of platelet-rich fibrin-sourced growth factors in periodontal procedures to enhance wound healing and regeneration are also proposed. Supportive implant maintenance and regenerative processes are explored. Management of the endoperiodontal lesion is also discussed (note: the recent periodontal classification has not been referenced here). The book explores the best transdisciplinary practices for the management of special healthcare needs patients.

⇒ Ausführliche Angaben: HT020309185

Manchev, Lachezar: Magnetic Resonance Imaging
Diagnostic imaging has undergone many changes over the last several years. Technical developments have defined Magnetic Resonance Imaging (MRI) as the leading diagnostic modality in different diseases. MRI is definitive and sensitive and the current requirements of medicine call for radiologists to be proficient in its use. This book provides complete and detailed information about the fast-developing field of MRI from physicians, radiologists, and other clinical specialists. It is a practical guide to using MRI in areas such as cardiology and pulmonology, among others.

Mandracci, Pietro: Chemical Vapor Deposition for Nanotechnology
English. Inhaltliche Zusammenfassung: Chemical vapor deposition (CVD) techniques have played a major role in the development of modern technology, and the rise of nanotechnology has further increased their importance, thanks to techniques such as atomic layer deposition (ALD) and vapor liquid solid growth, which are able to control the growth process at the nanoscale. This book aims to contribute to the knowledge of recent developments in CVD technology and its applications. To this aim, important process innovations, such as spatial ALD, direct liquid injection CVD, and electron cyclotron resonance CVD, are presented. Moreover, some of the most recent applications of CVD techniques for the growth of nanomaterials, including graphene, nanofibers, and diamond-like carbon, are described in the book.

Manteca i Vilanova, Xavier / Smith, Anthony J.: Comportement, conduite et bien-être animal
French. Inhaltliche Zusammenfassung: This work outlines the general principles and recommendations on the raising of domestic animals applied to the Southern countries, especially tropical regions. These recommendations are important in a context of intensification of farms (dairy, poultry, et cetera) and changes in conventional farming. They address the.

Manyala, Reccab: Energy Harvesting
English. Inhaltliche Zusammenfassung: This book contains chapters that discuss numerous methods and techniques in energy harvesting. Both theoretical and experimental results are presented from investigations that were carried out in the various chapters. Well-grounding methods and techniques presented in the new areas provide a good head start not only to those with interest in energy harvesting but also to experienced researchers who may want to look at energy harvesting from different angles. The concepts of energy harvesting are well articulated in the introduction of each chapter. It is my sincere hope that the readers of this book will find it a useful fountain of knowledge in energy harvesting.

Manzanera, Maximino: Alternative Fuel
English. Inhaltliche Zusammenfassung: Renewable energy sources such as biodiesel, bioethanol, biomethane, biomass from wastes or hydrogen are subject of great interest in the current energy scene. These fuels contribute to the reduction of prices and dependence on fossil fuels. In addition, energy sources such as these could partially replace the use of what is considered as the major factor responsible for global warming and the main source of local environmental pollution. For these reasons they are known as alternative fuels. There is an urgent need to find and optimise the use of alternative fuels to provide a net energy gain, to be economically competitive and to be producible in large quantities without compromising food resources.

Manzoor, Shumaila / Abubakar, Muhammad: Animal Welfare
English. Inhaltliche Zusammenfassung: It is vital to understand the recent perceptions in animal welfare and its implications in changing global scenarios. The introductory chapter to Animal Welfare provides concise details of the application of emerging these scenarios. The book is self-contained with everything needed to understand the importance of animal welfare and its perspectives. This is the first edition of the book so it covers the introductory level of topics, which are written specifically for veterinary students, classroom use, and practitioners who require more knowledge of animal welfare. The book contains sections on global perspectives, animal health and welfare, and husbandry and welfare. Each section comprises chapters from renowned experts in each area and gives readers a unique opportunity to explore the topic.

⇒ Ausführliche Angaben: HT020309019

Marchesi, Barbara / Durbano, Federico: New Developments in Anxiety Disorders
English. Inhaltliche Zusammenfassung: This book collects the contribution of a selected number of clinical psychiatrists, interested in the clinical application of some aspects of neurobiology of anxiety. The seven chapters of the book address some issues related to the latest acquisitions of neurobiology, in particular those aspects that are related to responses to treatment - both psychological and pharmacological. Some chapters are also dedicated to the comorbidities, a rule rather than an exception when it comes to anxiety. Each author summarized the clinical importance of his work, underlining the clinical pitfalls of this new book on anxiety.

⇒ Ausführliche Angaben: HT020308096

Mares, Mihai: Current Topics in Salmonella and Salmonellosis
English. Inhaltliche Zusammenfassung: The genus Salmonella comprises an important number of bacterial species able to colonize and infect numerous animal species and humans. Although more than a hundred years passed since its discovery, Salmonella still represents a redoubtable and successful microorganism, difficult to deal with. Whether we discuss about typhoid fever or food poisoning, the public health and financial consequences are practically incalculable. The costs attributable to Salmonella contamination of meat, eggs, and vegetables are also very high worldwide. Antimicrobial resistance in Salmonella isolates is an emerging threat not only in humans, and special measures should be addressed to this global problem. The book Current Topics in Salmonella and Salmonellosis contains a series of reviews about all-important issues concerning these subjects. It comprises 14 chapters grouped in 4 sections emphasizing new insights into pathogenesis, bacterial detection and antibiotic resistance, infections in animals, risk factors, and control strategies. The new genomic data and the exhaustive presentation of molecular pathogenesis bring novelty to the book and can help to improve our knowledge about Salmonella-induced diseases.

⇒ Ausführliche Angaben: HT020308211

Marghany, Maged: Advanced Remote Sensing Technology for Synthetic Aperture Radar Applications, Tsunami Disasters, and Infrastructure
English. Inhaltliche Zusammenfassung: The advance in space machineries has created a novel technology for observing and monitoring the Earth from space. Most earth observation remote sensing considerations focus on using conventional image processing algorithms or classic edge detection tools. Nevertheless, these techniques do not implement modern physics, applied mathematics, signal communication, remote sensing data, and innovative space technologies. This book provides readers with methods to comprehend how to monitor coastal environments, disaster areas, and infrastructure from space with advanced talent remote sensing technology to bridge the gaps between modern space technology, image processing algorithms, mathematical models and the critical issue of the coastal and infrastructure investigations.

⇒ Ausführliche Angaben: HT020309277
Marghany, Maged: Applied Studies of Coastal and Marine Environments

English. Inhaltliche Zusammenfassung: The book Applied Studies of Coastal and Marine Environments is a collection of a number of high-quality and comprehensive work on coastal and marine environment. This book has an Introductory Chapter, followed by 15 chapters. Chapters 2 and 3 are devoted to coastal geological sedimentation and its impacts on marine environment. Consequently, Chapter 4 investigates neo-tectonic movement in the Pearl River Delta. Different aspects of the coastal pollution and its impacts are addressed in Chapter 5 through Chapter 13. Furthermore, coastal management is also discussed in Chapter 14, and monitoring the coastal environment using remote sensing and GIS techniques is reported in Chapter 15. Finally, Chapter 16 addresses the human history of maritime exploitation and adaptation process to coastal and marine environments. It is important to investigate the history of maritime exploitation and adaptation to environment coastal zone to learn how to explore the oceans.
⇒ Ausführliche Angaben: HT020308034

Mariani, Ilaria / Rampino, Lucia: Advancements in Design Research

English. Inhaltliche Zusammenfassung: In October 1998, on the occasion of the first conference on design education, Richard Buchanan, then Director of The School of Design at Carnegie Mellon University, envisioned doctoral education in Design as a neoteric enterprise, aimed at finding novel ways of addressing the new problems, thereby creating a new body of learning and knowledge. Twenty years after, these words can still be shared: the new problems affecting our globalised, bewildered and worried society are growing in numbers and in complexity, and novel ways of sorting them out are more sought-after than ever. The present book is part of a series that, since 2017, documents the production of the Politecnico di Milano Design Programme, presenting a summary of the doctoral theses defended each year. Eleven essays are here gathered into four sections: Design Education; Collaborative Processes; Cultural and Creative Companies; Technology for Social Change. In the variety of the researched topics, a common trait can be found in the continuous need of updated ways of addressing complex problems. It is such need that drives the evolving boundaries of design research forward, not just within our Doctoral Programme, but within all the national and international Doctoral Programmes in Design we are acquainted with.
⇒ Ausführliche Angaben: HT020307517

Marinescu, Maria: Chemistry and Applications of Benzimidazole and its Derivatives

English. Inhaltliche Zusammenfassung: Finding new strategies for synthesizing benzimidazole derivatives and functionalizing the benzimidazole core has proved to be important due to the compounds various applications in medicine, chemistry, and other areas. The multitude of benzimidazole derivatives marketed as drugs has led to intensive research in the field for the discovery of new biologically active structures. The general applications of benzimidazole derivatives in materials chemistry, electronics, technology, dyes, pigments, and agriculture open up new research horizons. This book guides the rational design of benzimidazole derivatives synthesis with certain applications. Chapters cover such topics as therapeutic use of benzimidazole in conditions like diabetes, viruses, and parasitic diseases; X-ray crystal structure of selected benzimidazole derivatives; benzimidazole compounds for cancer therapy; and others.
⇒ Ausführliche Angaben: HT020309520

Marko&154, Jozef: Mass Transfer in Chemical Engineering Processes

English. Inhaltliche Zusammenfassung: This book offers several solutions or approaches in
solving mass transfer problems for different practical chemical engineering applications: measurements of the diffusion coefficients, estimation of the mass transfer coefficients, mass transfer limitation in separation processes like drying, extractions, absorption, membrane processes, mass transfer in the microbial fuel cell design, and problems of the mass transfer coupled with the heterogeneous combustion. I believe this book can provide its readers with interesting ideas and inspirations or direct solutions of their particular problems.

⇒ Ausführliche Angaben: HT020307794

Marrugo, Andres Guillermo / Vivero, Jairo Useche / Pagnola, Marcelo Rubén: New Uses of Micro and Nanomaterials
English. Inhaltliche Zusammenfassung: A fundamental part of modern technology is composed of devices that use special materials as main components. Since the last few decades of the last century and even more recently, a remarkable development has been achieved in new micro- and nanostructured materials with compositional structures and production methods that open unprecedented technological, economic, and ecological perspectives due to high yields, economies of scale, the possibility of reducing weight and size, and the low environmental impact of the equipment that contains them. This book offers a collection of excellent studies that use state-of-the-art methodologies developed by professional researchers from different countries in diverse areas of materials. In this way, this book is particularly useful to academics, scientists, practicing researchers, and postgraduate students whose work relates to the latest nanomaterial technologies.

⇒ Ausführliche Angaben: HT020309049

Martin, Micael E: Residential Segregation Patterns of Latinos in the United States, 1990-2000
English. Inhaltliche Zusammenfassung: Historically, residential segregation of Latinos has generally been seen as a result of immigration and the process of self-segregation into ethnic enclaves. The only theoretical exception to ethnic enclave Latino segregation has been the structural inequality related to Latinos that have a high degree of African ancestry. This study of the 331 metropolitan area in the United States between 1990 and 2000 shows that Latinos are facing structural inequalities outside of the degree of African ancestry. The results of the authors research suggest that Latino segregation is due to the mobility of Latinos and structural barriers in wealth creation due to limited housing equity and limited occupational mobility. In addition, Latino suburbanization appears to be a segregation force rather than an integration force. This study also shows that Mexicans, Puerto Ricans and Cubans have different experiences with residential segregation. Residential segregation of Cubans does not appear to be a.

⇒ Ausführliche Angaben: HT020310151

Martinez Laskowski, Yuri N. / Basile, Jonathan: Massa por Argamassa
Portuguese. Inhaltliche Zusammenfassung: Mass by Mortar presents an in-depth exploration of one of the greatest illusionists in literature, Jorge Luis Borges. His tale The Library of Babel is an illustrious example of its playful ability, though not only because of the inverted world imagined in it in the past, which a library, which supposedly contains all possible combinations of all letters, words, and books, is searched by devout librarians for divinely prefabricated truths, for one also has to deal with the irony of Borgess narration, which constantly puts check the narrators claims about the universality of the library, including the very possibility of exhausting the possible meanings through a combinatorial process.

⇒ Ausführliche Angaben: HT020307545

Martinez, Luis Romeral / Prieto, Miguel Delgado: New Trends in Electrical Vehicle Powertrains
The electric vehicle and plug-in hybrid electric vehicle play a fundamental role in the forthcoming new paradigms of mobility and energy models. The electrification of the transport sector would lead to advantages in terms of energy efficiency and reduction of greenhouse gas emissions, but would also be a great opportunity for the introduction of renewable sources in the electricity sector. The chapters in this book show a diversity of current and new developments in the electrification of the transport sector seen from the electric vehicle point of view: first, the related technologies with design, control and supervision, second, the powertrain electric motor efficiency and reliability and, third, the deployment issues regarding renewable sources integration and charging facilities. This is precisely the purpose of this book, that is, to contribute to the literature about current research and development activities related to new trends in electric vehicle power trains.

Martínez-Alier, Joan / Shiva, Vandana / Denis, Benjamin: Environnement et inégalités sociales
French. Inhaltliche Zusammenfassung: Since its inception, environmental protection has been based on the natural sciences and technology and, more recently, has interacted with the economy, but its relations with social aspects have been the subject of less attention. Warning. The environment, however, calls for the preservation of (quality of) life, and man is a social animal. However, if the objective of environmental protection is generally formulated in a consensual way, it will obviously be declined in different ways according to social differentiations. Taking full account of these interactions leads to formulating a series of questions. How are environmental impacts distributed in a society? How can objectives and actions oriented towards the protection of the environment be read in the prism of the social categories? What are the beneficiaries and the losers in particular? Who can make their voices heard and influence the criteria? What avenues to consider for limiting the negative impacts of economic growth with a dual objective of social equity and the reduction of environmental nuisances? These questions question fundamental aspects of sustainable development and political ecology. They are studied in this book, in theory and in many practical cases locally and nationally, but also more widely in the world.

Martínez-Gómez, Pedro: Plant Genetics and Molecular Breeding
eng. Inhaltliche Zusammenfassung: The development of new plant varieties is a long and tedious process involving the generation of large seedling populations for the selection of the best individuals. While the ability of breeders to generate large populations is almost unlimited, the selection of these seedlings is the main factor limiting the generation of new cultivars. Molecular studies for the development of marker-assisted selection (MAS) strategies are particularly useful when the evaluation of the character is expensive, time-consuming, or with long juvenile periods. The papers published in the Special Issue "Plant Genetics and Molecular Breeding" report highly novel results and testable new models for the integrative analysis of genetic (phenotyping and transmission of agronomic characters), physiology (flowering, ripening, organ development), genomic (DNA regions responsible for the different agronomic characters), transcriptomic (gene expression analysis of the characters), proteomic (proteins and enzymes involved in the expression of the characters), metabolomic (secondary metabolites), and epigenetic (DNA methylation and histone modifications) approaches for the development of new MAS strategies. These molecular approaches together with an increasingly accurate phenotyping will facilitate the breeding of new climate-resilient varieties resistant to abiotic and biotic stress, with suitable productivity and quality, to extend the adaptation and viability of the current varieties.

Martynkova, Grazyna Simha / Valaskova, Marta: Clay Minerals in Nature - Their Characterization, Modification and Application
English. Inhaltliche Zusammenfassung: Clay is an abundant raw material which has a variety of uses and properties depending on their structure and composition. Clay minerals are inexpensive and environmentally friendly naturally occurring nanomaterials, thanks to their 1 nm thick silicate layers, in all types of sediments and sedimentary rocks. The book chapters have been classified according to their characteristics in topics and applications. Therefore, in the first section five chapters is dedicated to the characterization and utilization of clay minerals in deposits. The second section includes four chapters about the significance of clay minerals in soils. Third section is devoted to different aspects of clay minerals research, especially to the characterization of structure and modifications for their application.

⇒ Ausführliche Angaben: HT020309581

Marulanda, Jose Mauricio: Carbon Nanotubes
English. Inhaltliche Zusammenfassung: This book has been outlined as follows: A review on the literature and increasing research interests in the field of carbon nanotubes. Fabrication techniques followed by an analysis on the physical properties of carbon nanotubes. The device physics of implemented carbon nanotubes applications along with proposed models in an effort to describe their behavior in circuits and interconnects. And ultimately, the book pursues a significant amount of work in applications of carbon nanotubes in sensors, nanoparticles and nanostructures, and biotechnology. Readers of this book should have a strong background on physical electronics and semiconductor device physics. Philanthropists and readers with strong background in quantum transport physics and semiconductors materials could definitely benefit from the results presented in the chapters of this book. Especially, those with research interests in the areas of nanoparticles and nanotechnology.

⇒ Ausführliche Angaben: HT020307673

Marulanda, Jose Mauricio: Carbon Nanotubes Applications on Electron Devices
English. Inhaltliche Zusammenfassung: Carbon nanotubes (CNTs), discovered in 1991, have been a subject of intensive research for a wide range of applications. In the past decades, although carbon nanotubes have undergone massive research, considering the success of silicon, it has, nonetheless, been difficult to appreciate the potential influence of carbon nanotubes in current technology. The main objective of this book is therefore to give a wide variety of possible applications of carbon nanotubes in many industries related to electron device technology. This should allow the user to better appreciate the potential of these innovating nanometer sized materials. Readers of this book should have a good background on electron devices and semiconductor device physics as this book presents excellent results on possible device applications of carbon nanotubes. This book begins with an analysis on fabrication techniques, followed by a study on current models, and it presents a significant amount of work on different devices and applications available to current technology.

⇒ Ausführliche Angaben: HT020307741

Marulanda, Jose Mauricio: Electronic Properties of Carbon Nanotubes
English. Inhaltliche Zusammenfassung: Carbon nanotubes (CNTs), discovered in 1991, have been a subject of intensive research for a wide range of applications. These one-dimensional (1D) graphene sheets rolled into a tubular form have been the target of many researchers around the world. This book concentrates on the semiconductor physics of carbon nanotubes, it brings unique insight into the phenomena encountered in the electronic structure when operating with carbon nanotubes. This book also presents to reader useful information on the fabrication and applications of these outstanding materials. The main objective of this book is to give in-depth understanding of the physics and electronic structure of carbon nanotubes. Readers of this book should have a strong background on physical electronics and semiconductor device physics. This book first discusses fabrication techniques followed by an analysis on the physical properties of carbon nanotubes, including density of states and electronic structures. Ultimately, the book pursues a significant amount of work in the industry applications of carbon nanotubes.
Masellino, Maria Teresa: Salmonella - A Re-emerging Pathogen
English. Inhaltliche Zusammenfassung: This book deals with the microorganism Salmonella. This bacterium is well known for a long time, being involved in systemic (typhus and paratyphus infections) and nonsystemic diseases such as food poisoning. Major and minor Salmonellae are widespread worldwide in developing countries and industrialized areas, respectively. In 2015, about 3576 Salmonella strains have been isolated from human infections in Italy. S. typhimurium and S. enteritidis are the most prevalent serotypes and represent 80% of cases of infections over the last 10 years. The antibiotic susceptibility decrease over the last decades is a big issue in the management of this bacterium, once considered easy to treat. The use of antibiotic combinations in order to overcome the microorganism resistance should be hoped.

Maslinska, Maria: Chronic Autoimmune Epithelitis - Sjogrens Syndrome and Other Autoimmune Diseases of the Exocrine Glands
English. Inhaltliche Zusammenfassung: Epithelial tissue does not spring to mind as an obvious source of autoimmune phenomena. Yet, genetic predisposition and influence of various environmental and epigenetic factors may lead to epithelium becoming a springboard for the development of autoimmune diseases, such as Sjögren’s syndrome, primary biliary cholangitis, autoimmune pancreatitis, or IgG4-related diseases. This book is intended as an introduction to the problem of “autoimmune epithelitis” and diseases closely related to the immune disturbances of the epithelium, with special emphasis on those affecting exocrine glands. Both theoretical and practical knowledge, presented by authors from a wide range of medical specialties, should be of help for medical professionals who have to deal with this difficult problem in their daily practice.

Mason, Stephen: Electronic Signatures in Law
eng. Inhaltliche Zusammenfassung: This fourth edition of the well-established practitioner text sets out what constitutes an electronic signature, the form an electronic signature can take, and discusses the issues relating to evidence - illustrated by analysis of relevant case law and legislation from a wide range of common law and civil law jurisdictions. Stephen Mason is a leading authority on electronic signatures and electronic evidence, having advised global corporations and governments on these topics. He is also the editor of Electronic Evidence and International Electronic Evidence, and he founded the international open-source journal Digital Evidence and Electronic Signature Law Review in 2004. This book is also available online at http://ials.sas.ac.uk/digital/humanities-digital-library/observing-law-ials-open-book-service-law.

Massias, Jean-Pierre / Mafliet, Katlijn / Levinson, Alexe’i: Où va la Russie?
French. Inhaltliche Zusammenfassung: Depuis la mise en oeuvre par Mikhaïl Gorbatchev de la perestroïka et des réformes qu’elle impliquait, la Russie a connu des bouleversements de très grande ampleur et a dû apprêcher de nouveaux enjeux. Devenu un État indépendant suite à l’effondrement de l’URSS, elle s’est trouvée confrontée à des défis multiples: trouver une nouvelle place sur la scène internationale mais aussi, à l’intérieur de ses frontières, fonder de nouvelles institutions, opérer la transition vers l’économie de marché, repenser l’organisation politique de sa diversité spatiale et identitaire. La société russe, elle, a reçu de plein fouet le choc de ces bouleversements. Tandis que le pays entre dans un nouveau cycle
électoral, comment le système institutionnel détermine-t-il le cadre du jeu politique ? Quelles valeurs sous-tendent ce système ? Peut-on parler d’un régime de parti dominant ? Quel bilan peut-on tirer des politiques mises en œuvre par le pouvoir fédéral face aux aspirations régionales et en particulier face à la crise tchétchène ? Quels rapports entretiennent le pouvoir politique et la sphère économique dans la Russie d’aujourd’hui ? Comment la société civile se situe-t-elle dans le champ politique ? Comment perçoit-elle les acteurs qui la gouvernent ? Afin de présenter dans leur complexité les processus en cours dans la Russie d’aujourd’hui, ce livre rassemble des travaux d’auteurs issus de disciplines et d’horizons différents qui vivent en Russie ou s’y rendent régulièrement.

⇒ Ausführliche Angaben: HT020309777

**Mastai, Yitzhak: Advanced Topics in Crystallization**


English. Inhaltliche Zusammenfassung: In nearly all process industries, crystallization is used at some stage as a method of production, purification or recovery of solid materials. In recent years, a number of new applications have also come to rely on crystallization processes such as the crystallization of nano and amorphous materials. The articles in this book have been contributed by some of the most respected researchers in this area and cover the frontier areas of research and developments in crystallization processes. Divided into three sections, this book provides the latest research developments in many aspects of crystallization including the crystallization of biological macromolecules and pharmaceutical compounds, the crystallization of nanomaterials and the crystallization of amorphous and glassy materials. This book is of interest to both fundamental research and practicing scientists and will prove invaluable to all chemical engineers and industrial chemists in process industries, as well as crystallization workers and students in industry and academia.

⇒ Ausführliche Angaben: HT020307987

**Mastai, Yitzhak: Advances in Crystallization Processes**


English. Inhaltliche Zusammenfassung: Crystallization is used at some stage in nearly all process industries as a method of production, purification or recovery of solid materials. In recent years, a number of new applications have also come to rely on crystallization processes such as the crystallization of nano and amorphous materials. The articles for this book have been contributed by the most respected researchers in this area and cover the frontier areas of research and developments in crystallization processes. Divided into five parts, this book provides the latest research developments in many aspects of crystallization including chiral crystallization, crystallization of nanomaterials and the crystallization of amorphous and glassy materials. This book is of interest to both fundamental research and also to practicing scientists and will prove invaluable to all chemical engineers and industrial chemists in the process industries as well as crystallization workers and students in industry and academia.

⇒ Ausführliche Angaben: HT020307904

**Masu, Kazuya / Sone, Masato: Novel Metal Electrodeposition and the Recent Application**


English. Inhaltliche Zusammenfassung: Gold and noble metals have been attractive to humans from ancient times because of their beautiful features. In modern society, noble metals, especially gold, play important roles as components in electronic devices because of their high electrical conductivity, chemical stability, and density. In the field of MEMS devices, the demand for continuous miniaturization and sensitivity enhancement is always high. Especially for MEMS accelerometers, sensitivity is affected by Brownian noise, and components with sufficient mass are needed to suppress this noise. Therefore, it is difficult to reduce the dimensions of components to allow further miniaturization of the device. This book presents recent progress in noble metal electrodeposition and applications of gold-based materials in the realization of highly sensitive CMOS-MEMS accelerometers.

⇒ Ausführliche Angaben: HT020309279
Mateo, Elvis C. / Cirillo, Priscila D.R. / Marchi, Fabio A.: Applications of RNA-Seq and Omics Strategies - From Microorganisms to Human Health
English. Inhaltliche Zusammenfassung: The large potential of RNA sequencing and other omics techniques has contributed to the production of a huge amount of data pursuing to answer many different questions that surround the sciences great unknowns. This book presents an overview about powerful and cost-efficient methods for a comprehensive analysis of RNA-Seq data, introducing and revising advanced concepts in data analysis using the most current algorithms. A holistic view about the entire context where transcriptome is inserted is also discussed here encompassing biological areas with remarkable technological advances in the study of systems biology, from microorganisms to precision medicine.
⇒ Ausführliche Angaben: HT020308428

Matin, Mohammad A.: Modern Antenna Systems
English. Inhaltliche Zusammenfassung: The field of antenna engineering has been advancing at a remarkable pace to support modern communication systems. Recently, significant progress has been made in the development of new antennas and techniques targeted for applications in medical, defense, health care, communication, et cetera. The motivation of this project is to present cutting-edge research materials in the field of antennas for modern wireless communication.
⇒ Ausführliche Angaben: HT020308165

Matin, Mohammad A.: Network Coding
English. Inhaltliche Zusammenfassung: Network coding is an elegant and novel technique that allows nodes in the network to perform coding operations at the packet level. In particular, network coding represents a powerful approach to protect data from losses due to link disconnections and can also exploit the combination of multiple links to deliver data to users with the possibility of recoding at intermediate nodes. This phenomenon will reduce information congestion at some nodes or links, which will improve the network information flow such as to increase network throughput and robustness. This book is intended to provide the current R&D trends in coding, detection, and signal processing applied to communications in wireless and wired networks.
⇒ Ausführliche Angaben: HT020308922

Matin, Mohammad Abdul: Telecommunication Networks - Trends and Developments
English. Inhaltliche Zusammenfassung: The demand for advance telecommunication services has increased dramatically over the last few years. This has led to technological changes with revolutionized engineering strategies to optimize network construction and operation. Telecommunication networks integrate with a wide range of technologies, including optical amplifiers, software architectures for network control and management, abstract algebra required to design error correction codes, and network modeling. This book presents research contributions towards new techniques, concepts, analysis of the telecom markets evolving trends, and infrastructure to provide integrated voice, data, and video communications services that are critical to the operation and competitiveness of companies, governments, and other organizations.
⇒ Ausführliche Angaben: HT020309275

Matovic, Darko: Biomass - Detection, Production and Usage
English. Inhaltliche Zusammenfassung: Biomass has been an intimate companion of humans from the dawn of civilization to the present. Its use as food, energy source, body cover and as construction material established the key areas of biomass usage that extend to this day.
Given the complexities of biomass as a source of multiple end products, this volume sheds new light to the whole spectrum of biomass related topics by highlighting the new and reviewing the existing methods of its detection, production and usage. We hope that the readers will find valuable information and exciting new material in its chapters.

⇒ Ausführliche Angaben: HT020307769

**Matovic, Miodrag Darko: Biomass Now - Cultivation and Utilization**
English. Inhaltsliche Zusammenfassung: This two-volume book on biomass is a reflection of the increase in biomass related research and applications, driven by overall higher interest in sustainable energy and food sources, by increased awareness of potentials and pitfalls of using biomass for energy, by the concerns for food supply and by multitude of potential biomass uses as a source material in organic chemistry, bringing in the concept of bio-refinery. It reflects the trend in broadening of biomass related research and an increased focus on second-generation bio-fuels. Its total of 40 chapters spans over diverse areas of biomass research, grouped into 9 themes.

⇒ Ausführliche Angaben: HT020307955

**Matovic, Miodrag Darko: Biomass Now - Sustainable Growth and Use**
English. Inhaltsliche Zusammenfassung: This two-volume book on biomass is a reflection of the increase in biomass related research and applications, driven by overall higher interest in sustainable energy and food sources, by increased awareness of potentials and pitfalls of using biomass for energy, by the concerns for food supply and by multitude of potential biomass uses as a source material in organic chemistry, bringing in the concept of bio-refinery. It reflects the trend in broadening of biomass related research and an increased focus on second-generation bio-fuels. Its total of 40 chapters spans over diverse areas of biomass research, grouped into 9 themes.

⇒ Ausführliche Angaben: HT020307954

**Matsouka, Dimitroula / Vassiliadis, Savvas G.: Piezoelectricity - Organic and Inorganic Materials and Applications**
English. Inhaltsliche Zusammenfassung: Scientifically defined in 1880 by the Curie brothers, piezoelectricity - from the Greek piezein, meaning to press (squeeze), and ilektron, meaning amber, a material with electrostatic properties - is a phenomenon with many applications. The related piezoelectric materials have been undergoing a long-lasting evolution over the years until today. The field of organic and inorganic piezoelectric materials is continuously expanding in terms of new substances used, new structures, and new applications. The seven chapters of this book present modern aspects and technological advances in the field of piezoelectric materials and applications. To present a balanced view of the field, some chapters focus on new piezoelectric materials and structures, while others examine interesting applications of piezoelectric sensors, energy harvesters, and actuators.

⇒ Ausführliche Angaben: HT020308943

**Matysiak, Wiktor / Jarka, Pawel / Tanski, Tomasz: Electrospinning Method Used to Create Functional Nanocomposites Films**
English. Inhaltsliche Zusammenfassung: The most effective method of producing nanofibres is the technology of producing in the electrostatic field, which does not require the use of complicated procedures and equipment. Electrospinning allows to produce 1D nanostructures on an industrial scale in a relatively easy and quick way. The method of electrospinning shares the most features with classical technologies in obtaining synthetic fibres that enable forming and generating a stream of previously dissolved or melted polymer and its coaxial stretching, combined with the transition of the polymer from a liquid state to a solid state. In view of the large application possibilities of electrospun fibres, electrospinning is enjoying a dynamically growing interest of scientists, which can be proven by the increasing trend of scientific publications.
Maudet, Jean-Baptiste: Terres de taureaux

Maurer, Martin H.: Amyotrophic Lateral Sclerosis
English. Inhaltliche Zusammenfassung: Though considerable amount of research, both preclinical and clinical, has been conducted during recent years, Amyotrophic Lateral Sclerosis (ALS) remains one of the mysterious diseases of the 21st century. Great efforts have been made to develop pathophysiological models and to clarify the underlying pathology, and with novel instruments in genetics and transgenic techniques, the aim for finding a durable cure comes into scope. On the other hand, most pharmacological trials failed to show a benefit for ALS patients. In this book, the reader will find a compilation of state-of-the-art reviews about the etiology, epidemiology, and pathophysiology of ALS, the molecular basis of disease progression and clinical manifestations, the genetics familial ALS, as well as novel diagnostic criteria in the field of electrophysiology. An overview over all relevant pharmacological trials in ALS patients is also included, while the book concludes with a discussion on current advances and future trends in ALS research.

Maurer, Martin H.: Child and Adolescent Mental Health
English. Inhaltliche Zusammenfassung: In the present volume, we collected state-of-the-art chapters on diagnosis, treatment, and social implications. The first section describes diagnostic processes. It describes a reevaluation of projective techniques, a new clinical tool in psychotraumatology, the foundations of the framing technique, and an overview on integrative approaches. The second section focuses on new developments in the field with special emphasis on culture-specific contexts. From parenting of adolescents in India to the influence of poverty on mental health issues in Mexico, as well as the use of marijuana and Internet addiction, some of the most important fields are highlighted. The third section concentrates on therapy. It shows how to react to bullying and reviews the use of antidepressants in children and adolescents.

Mauricio, Ana Colette: Peripheral Nerve Regeneration - From Surgery to New Therapeutic Approaches Including Biomaterials and Cell-Based Therapies Development
English. Inhaltliche Zusammenfassung: Peripheral nerve injuries are a high-incidence clinical problem that greatly affects patients quality of life. Despite continuous refinement of microsurgery techniques, peripheral nerve repair still stands as one of the most challenging tasks in neurosurgery, as functional neuromuscular recovery is rarely satisfactory in these patients. Therefore, the improvement of surgical techniques and the clinical application of innovative therapies have been intensively studied worldwide. Direct nerve repair with epineural end-to-end sutures is still the gold standard treatment for severe neurotmesis injuries but only in
cases where well-vascularized tension-free coaptation can be achieved. When peripheral nerve injury originates a significant gap between the nerve stumps, nerve grafts are required, with several associated disadvantages. Therefore, the development of scaffolds by tissue engineering can provide efficient treatment alternatives to stimulate optimum clinical outcome. Nerve conduit tailoring involves reaching ideal wall pores, using electrospinning techniques in their fabrication, surface coating with extracellular matrix materials, and adding of growth factors or cell-based therapies, among other possibilities. Also, intraluminal cues are employed such as the filling with hydrogels, inner surface modification, topographical design, and the introduction of neurotrophic factors, antibiotics, anti-inflammatories and other pharmacological agents. A comprehensive state of the art of the art of surgical techniques, tissue-engineered nerve graft scaffolds, and their application in nerve regeneration, the advances in peripheral nerve repair and future perspectives will be discussed, including surgeons and researchers own large experience in this field of knowledge.

Mauricio, Ana Colette: Umbilical Cord Blood Banking for Clinical Application and Regenerative Medicine
English. Inhaltliche Zusammenfassung: Umbilical cord blood (UCB) and, more recently, umbilical cord tissue (UCT) have been stored cryopreserved in private and public cord blood and tissue banks worldwide, since the umbilical cord blood was used for the first time in a child with Fanconi anemia with his HLA-identical sibling, following strict guidelines that imply high-quality standards and total rastreability of these units. The hematopoietic stem cells (HSCs) are clinically used in hematopoietic treatments for blood disorders and hemato-oncological diseases. Also, the mesenchymal stem cells (MSCs) isolated from the UCT and UCB, nowadays, can be used as coadjuvants of hematopoietic transplants. In the near future, these stem cells will have a crucial role in regenerative medicine. For this reason, these cells have been tested in several clinical trials and compassionate treatments in children and adults, concerning a wide range of pathologies and diseases, for instance, for the treatment of cerebral paralysis. Considering the worldwide availability of UCB and UCT units and the absence of ethical concerns will probably become the best sources for cell-based therapies for hematological and nonhematological pathologies. The UCB will also have a crucial role in neonatology-predictive analysis in the near future.

Mayer, Franz X. / Luszczak, Alfred: Absorptions-Spektralanalyse
German.

Mazadiego, Luis F. / Gracia, M. Dolores Storch de / Moya, Bernardo Llamas: Case Study of Innovative Projects - Successful Real Cases
English. Inhaltliche Zusammenfassung: In a global world, where the acceleration of technological changes is happening in all industrial sectors, a special focus is focused on innovation and creativity. The book has gathered a small number of sectors where innovation is being the main vector to achieve the competitiveness that companies are craving. The motivation to choose these sectors has been preceded by a careful selection in which we wanted to pick up those in which innovation is a key today. Different aspects push to create and innovate: the environment in general and in particular climate change is forcing to rethink sectors such as energy, infrastructure, water, biotechnology, materials, defense, education, or health. Dear reader, in your hand is a work that reflects the same spirit of the human being: curiosity and eagerness to overcome have allowed humanity to have evolved and still continue today.

Mazadiego, Luis F. / Gracia, M. Dolores Storch de / Moya, Bernardo Llamas: Key Issues for Management of Innovative Projects
459

English. Inhaltliche Zusammenfassung: This book gathers pioneering experiences based on
the same concept: innovation. According to Schumpeters research, there would be four types
of innovations: product or service innovation (market introduction of a new type of good), pro-
cess innovation (introduction of a new type of production), market innovation (introduction
of a new market in a country or a new market structure), and innovation of matter (introduction
of a new raw material). This book contains ten chapters organized in four main sections: (a)
Strategic Issues, (b) Risk Management in Innovative Projects, (c) Economic Issues and Finan-
cing Innovation, and (d) Leadership and Teamwork.
⇒ Ausführliche Angaben: HT020308400

Mazor, Marija / Toumi, Hechmi: Osteoarthritis Biomarkers and Treat-
ments
English. Inhaltliche Zusammenfassung: This book presents exclusive and comprehensive in-
sight into the detailed molecular mechanisms of osteoarthritis (OA) initiation, progression
and current advancements in the field. Inputs from clinician scientists, research and expert-
tise offer a complete explanation of the current understanding of the pathogenesis of OA and
practice in imaging and treatments strategies. Contributions from leading scientists provide a
detailed introduction in the use of biomarkers in clinical research as well as in clinical prac-
tice and OA diagnosis. This book further discusses the potential of regenerative therapies and
recent advances in cardiovascular and functional capacity on patients with OA..
⇒ Ausführliche Angaben: HT020309310

McAleer, Michael / Wong, Wing-Keung: Risk Measures with Applications
in Finance and Economics
gen. Inhaltliche Zusammenfassung: Risk measures play a vital role in many subfields of eco-
nomics and finance. It has been proposed that risk measures could be analysed in relation
to the performance of variables extracted from empirical real-world data. For example, risk
measures may help inform effective monetary and fiscal policies and, therefore, the further
development of pricing models for financial assets such as equities, bonds, currencies, and
derivative securities.<false,>A Special Issue of "Risk Measures with Applications in Finance
and Economics" will be devoted to advancements in the mathematical and statistical devel-
opment of risk measures with applications in finance and economics. This Special Issue will
bring together the theory, practice and real-world applications of risk measures. This book is
a collection of papers published in the Special Issue of "Risk Measures with Applications in
⇒ Ausführliche Angaben: HT020307411

McBride, Christopher: The Colonizer Abroad
English. Inhaltliche Zusammenfassung: Looking at a diverse series of authors–Herman Mel-
vile, Richard Henry Dana, Jr., Mark Twain, Charles Warren Stoddard, and Jack London–The
Colonizer Abroad claims that as the U.S. emerged as a colonial power in the nineteenth and
twentieth centuries, the literature of the sea became a literature of imperialism. This book
applies postcolonial theory to the travel writing of some of Americas best-known authors,
revealing the ways in which Americas travel fiction and nonfiction have both reflected and
shaped society.
⇒ Ausführliche Angaben: HT020310111

McCarthy, Cormac: COPD - An Update in Pathogenesis and Clinical Ma-
agement
9789535140337
English. Inhaltliche Zusammenfassung: Chronic obstructive pulmonary disease (COPD) is a
major cause of morbidity and mortality worldwide and is estimated to become the third most common cause of death over the next decade. The knowledge of COPD pathogenesis and the disease course has greatly improved this progression in understanding and continues to have significant implications in the management of this condition. Novel areas of interest in COPD pathogenesis include further development of animal models, a better understanding of the genetics and epigenetics, the role of the microbiome, and an increasing appreciation of the associated comorbidities. This book intends to provide the reader with a brief overview of these topics and also provide an in-depth review of the current nonpharmacological clinical approaches to managing patients with COPD.

⇒ Ausführliche Angaben: HT020308583

**McCarthy, Peter W. / Liu, Zhuofu / Cascioli, Vincenzo: Humidity Sensors. Advances in Reliability, Calibration and Application**
2019. 1 electronic resource (198 pages). ISBN 9783039211227, ISBN 9783039211234 eng. Inhaltliche Zusammenfassung: Humidity detection has deep significance for the scientific research surrounding medical care and human performance, and the industrial development of agriculture, geography and automated instruments. This special issue aims to showcase some of the advancements in humidity sensor design and calibration, and its applications. The selected papers cover a variety of humidity sensor-related topics including material science, chemistry and industrial engineering. Through dedicated contributions from peer reviewers and the editorial team, this book aims to offers reader some insight into the field of humidity sensor development and use.

⇒ Ausführliche Angaben: HT020307375

**McCollough, Martha: Three Nations, One Place**

⇒ Ausführliche Angaben: HT020310079

**McDaniel, June: Religious Experience in the Hindu Tradition**
2019. 1 electronic resource (196 pages). ISBN 9783039210503, ISBN 9783039210510 eng. Inhaltliche Zusammenfassung: This Special Issue of Religions brings together a talented group of international scholars who have studied and written on the Hindu tradition. The topic of religious experience is much debated in the field of Religious Studies, and here, we present studies of the Hindu religious experience explored from a variety of regions and perspectives. Our intention is to show that the religious experience has long been an important part of Hinduism, and should not be dismissed or considered as irrelevant. As a body of scholarship, these articles refine our understanding of the range and variety of religious experience in Hinduism. In addition to their substantive contributions, the authors also show important new directions in the study of the third-largest religion in the world, with over one billion followers.

⇒ Ausführliche Angaben: HT020307431

**McDuffie, J. Eric: Neurotoxins**
2018. 1 electronic resource (156 pages). ISBN 9781789231687, ISBN 9781789231694 English. Inhaltliche Zusammenfassung: Toxicologists seek to better understand the myriad of mechanisms responsible for neurotoxins. Because the incidence of neurobehavioral hazards and risks of exogenous compounds (e.g., natural toxins, synthetic molecules, and therapeutic agents) remain a subject matter of interest, predictive tools have evolved, including but not limited to novel translational in vitro models, biomarkers, newer epidemiological research
tools, and well-accepted best practices for diagnosing neurotoxins in clinical practice. Taken together, the foreseen need to highlight some of the more appreciated and/or emerging tactical approaches in neurotoxicology results in a one-stop reference book, Neurotoxins.

⇒ Ausführliche Angaben: HT020308721

McLeod, Charles: Settlers of Unassigned Lands  

⇒ Ausführliche Angaben: HT020310338

Medina-Franco, José L.: New Approaches for the Discovery of Pharmacologically-Active Natural Compounds  
eng. Inhaltsliche Zusammenfassung: A major source of active compounds, natural products from different sources supply a large variety of molecules that have been approved for clinical use or used as the starting points of optimization programs. This book features nine papers (eight full articles and one review paper) written by more than 45 scientists from around the world. These papers illustrate the development and application of a broad range of computational and experimental techniques applied to natural product research. On behalf of the contributors to the book, our hope is that the research presented here contributes to advancements in the field, and encourages multidisciplinary teams, young scientists, and students to further advance in the discovery of pharmacologically-active natural compounds.

⇒ Ausführliche Angaben: HT020307372

Meeßen, Iris: Staatliche Förderung beruflicher Weiterbildung in Deutschland und Schweden  
de. Inhaltsliche Zusammenfassung: The state supports lifelong learning and, in doing so, not only promotes economic objectives but, above all, also objectives in terms of social law. Both Germany and Sweden promote further education programmes by means of cash benefits and benefits in kind. The promoted further education programmes in this context are largely provided by third parties, much like many other social services. For this purpose, an actual framework and certain legal structures are essential, and these are often competitive structures, given the fact that the system of further education has evolved historically. It is not necessarily so that the objective of the educational measure supported by a specific benefit is attained as intended. The purpose of the examination is therefore to find out how the state ensures fulfilment of the objectives of the supporting measures. In order to determine whether this is the case particularly with regard to the provision of services by third parties, the two legal systems are compared.

⇒ Ausführliche Angaben: HT020307609

Mehanna, Radwa Ali: Cell Culture  
English. Inhaltsliche Zusammenfassung: Cell culture is one of the major tools used in cellular and molecular biology, delivering an excellent model for studying the normal physiology and biochemistry of cells. This book covers some advanced aspects in cell culture methodologies. The book has four sections discussing different types of cell culture models, including 3D cell culture techniques, their advantages, and limitations in comparison to traditional 2D culturing; cell viability, autophagy, in vitro toxicity tests and live cell imaging; stem cell culture for cell-based therapeutics; and specific applications and methodologies for hybrid cell lines and cancer models. This book provides a comprehensive overview of some of the advanced cell culture methodologies and applications. It serves as a valuable source for scientists, researchers, clinicians and students.

⇒ Ausführliche Angaben: HT020309195
Mehboob-Ur-Rahman / Zafar, Yusuf: Past, Present and Future Trends in Cotton Breeding
English. Inhaltliche Zusammenfassung: Cotton, a source of natural fiber for textile industry, has a long breeding history aiming at increasing cotton fiber yield and its quality. Newly developed cotton varieties poorly respond in low-input environments. Secondly, the impact of changing climate may threaten the cotton production in the future. To address these challenges, efforts toward the development of resilient cotton varieties have been initiated using genetic and modern genomic approaches. In this book, research updates on cotton fiber types and properties, DNA markers for selecting desirable cotton plants, and cotton fiber genomics were compiled. Also, the modern breeding trends including development of transgenic cotton and the biosafety studies and possibilities of improving cotton genome using modern genome editing tools were also compressively discussed.
⇒ Ausführliche Angaben: HT020308677

Mehlenbacher, Ashley: Science Communication Online
English. Inhaltliche Zusammenfassung: As science communication has moved online, a range of important new genres have emerged: crowdfunding proposals, blogs, microblogs, databases, and more. Rhetorics of Science Online takes up these genres to explore how scientists are adapting their communications, how publics are increasingly involved in science, and how boundaries between experts and non-experts continue to erode.
⇒ Ausführliche Angaben: HT020310051

Meier, Holger: Das Parkbank-Workout
über 50 Übungen für ein effektives Outdoortraining: mit 20 Trainingsplänen / Holger Meier.
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 610DNB 610DNB
⇒ DDC (Dewey Decimal Classification):
  - 61023sdnb 61023sdnb
⇒ Ausführliche Angaben: HT020312489

Meifert-Menhard, Felicitas: Playing the Text, Performing the Future: Future Narratives in Print and Digiture
English. Inhaltliche Zusammenfassung: This volume examines the structure of text-based Future Narratives in the widest sense, including choose-your-own-adventure books, forking-path novels, combinatorial literature, hypertexts, interactive fiction, and alternate reality games. How ‘radical’ can printed Future Narratives really be, given the constraints of their media? When exactly do they not only play with the mere idea of multiple continuations, but actually stage genuine openness and potentiality? Process-rather than product-oriented, text-based Future Narratives are seen as performative and contingent systems, simulating their own emergence.
⇒ Ausführliche Angaben: HT020307639

Mejuto, Juan C.: Microemulsion - a Chemical Nanoreactor
English. Inhaltliche Zusammenfassung: This book aims to provide readers with some of the current trends in microemulsions as scalable chemical nanoreactors. The chapters include discussions on microemulsions as reaction media, taking advantage of both the special behavior of trapped water inside their microdroplets and their potential use as a template for
nanomaterials. The information contained in this book covers topics that will be of interest to students and researchers in physical chemistry, chemical engineering, and material science. In addition, this book will serve as a tribute in memoriam to Prof. Julio Casado, Professor of Physical Chemistry at the Universities of Santiago de Compostela and Salamanca and Doctor Honoris Causa from the University of Vigo, who died on April 2, 2018. Sit tibi terra levis.

⇒ Ausführliche Angaben: HT020309499

**Mencik, Jaroslav: Concise Reliability for Engineers**
English. Inhaltsliche Zusammenfassung: Our life is strongly influenced by the reliability of the things we use, as well as of processes and services. Failures cause losses in the industry and society. Methods for reliability assessment and optimization are thus very important. This book explains the fundamental concepts and tools. It is divided into two parts. Chapters 1 to 10 explain the basic terms and methods for the determination of reliability characteristics, which create the base for any reliability evaluation. In the second part (Chapters 11 to 23) advanced methods are explained, such as Failure Modes and Effects Analysis and Fault Tree Analysis, Load-Resistance interference method, the Monte Carlo simulation technique, cost-based reliability optimization, reliability testing, and methods based on Bayesian approach or fuzzy logic for processing of vague information. The book is written in a readable way and practical examples help to understand the topics. It is complemented with references and a list of standards, software and sources of information on reliability.

⇒ Ausführliche Angaben: HT020308015

**Mendes, Marisa Fernandes: Distillation - Innovative Applications and Modeling**
English. Inhaltsliche Zusammenfassung: The purpose of this book is to offer innovative applications of the distillation process. The book is divided in two main sections, one containing chapters that deal with process design and calculations, and the other, chapters that discuss distillation applications. Moreover, the chapters involve wide applications as in fruit spirits production, in organic liquid compounds produced by oil and fats cracking, energy evaluation in distillation processes, and applicability of solar membrane distillation. I believe that this book will provide new ideas and possibilities of the development of innovative research lines for the readers.

⇒ Ausführliche Angaben: HT020308321

**Mentzel / Manes / Schultz: Die für alle Versicherungszweige geltenden Vorschriften der Reichsversicherungsordnung (Erstes, fünftes und sechstes Buch) nebst Einleitung und Einführungsgesetz**
German.

⇒ Ausführliche Angaben: HT020310011

**Merc, Matjaz: Sport and Exercise Science**
English. Inhaltsliche Zusammenfassung: Professional and semiprofessional sports as well as excessive amateur exercise inevitably lead to some degree of musculoskeletal injury once in a sportsmans career. Some injuries are represented as chronic injuries, which can result in irreversible long-term tissue changes and deformities. The subject of this book is to represent the up-to-date knowledge about etiology, pathogenesis, diagnosis, management, and prevention of chronic injuries or sport-related long-term changes in locomotor system.

⇒ Ausführliche Angaben: HT020308562

**Mériaux, Patrice / Fauchard, Cyrille: Geophysical and Geotechnical Methods for Diagnosing Flood Protection Dikes**
English. Inhaltliche Zusammenfassung: This book presents a three-phase methodology for the efficient diagnosis of ëœdry dikes (id est dykes built above normal water levels of the rivers that provide protection at time of flood). Although the principles of the method described herein were developed on dikes in France, they may be applied with confidence to flood protection dikes and levees in other countries around the world. Phase one of the methodology involves gathering as much information as possible about the dike from archive analysis, interviews with managers and inspections of the structures. This phase is essential in ensuring the high quality of the final diagnosis. The main aim of the second phase is to divide up the dike into zones in order to identify sections of the structure that are vulnerable to irreversible damage during a flood because of their particular physical characteristics. The geophysical methods used must be capable of surveying over long distances and of revealing heterogeneities both within the dike and in its foundation. The third phase consists of various tests and drillings that ascertain in situ the principal mechanical characteristics and properties of the materials that make up the structure. This guide is invaluable for anyone involved in dike safety.

⇒ Ausführliche Angaben: HT020310382

Mesevic, Iza Razija: Urheberrechtssysteme und kollektive Rechtswahrnehmung in Südosteuropa
de. Inhaltliche Zusammenfassung: This publication provides a view beyond the big European collective management organisations (CMOs) and contributes to the transparency of the collective rights management systems of young and prospective EU-Member States. Since the accession of Slovenia and Bulgaria, the territory of EU expands over the region of South-Eastern Europe (SEE). Nevertheless, the EU academic circles are generally unfamiliar with the field of collective management of copyright and related rights in SEE. However, in the last twenty years, a diverse and to an extent rather specific landscape of CMOs has been developed in that region. The legal framework and the particularities of the latter are worthy of scientific consideration. This book also deals with the position of those CMOs from the region with regard to the increasingly strong requirement for cross-border licensing in the online field and the tendency for more competition between CMOs.

⇒ Ausführliche Angaben: HT020307613

Metodiev, Krassimir: Immunotherapy - Myths, Reality, Ideas, Future
English. Inhaltliche Zusammenfassung: This is another attempt of InTechOpen to continue the dissemination of international knowledge and experience in the field of immunology. The present book includes a number of modern concepts of specialists and experts in the field of immunotherapy, covering the major topics and analyzing the history, current stage, and future ideas of application of modern immunomodulation. It is always a benefit, but also a compliment, to gather a team of internationally distinguished authors and to motivate them to reveal their expertise for the benefit of medical science and health practice. On behalf of all readers, immunologists, immunogeneticists, biologists, oncologists, microbiologists, virologists, hematologists, chemotherapists, health-care experts, as well as students and medical specialists, also on my personal behalf, I would like to extend my gratitude and highest appreciation to InTechOpen for giving me the unique chance to be the editor of this exclusive book.

⇒ Ausführliche Angaben: HT020308231

Meulders, Daniele / Capros, Pantelis: Budgetary Policy Modelling
English. Inhaltliche Zusammenfassung: The focus of this volume is on the European context of public budget policy and a variety of different approaches are used - theoretical modelling, econometrics and applied general equilibrium modelling. Empirical evidence and case studies of European countries are contained in all the papers. The papers cover the four general themes of public budget policy: * economic stabilization, in view of the Economic and Monetary
Union in the European Community * reinforcing structural change, involved in market liberalization and harmonization of economic structures * its distributional effects and implications for social equity * endogenous economic growth.

⇒ Ausführliche Angaben: HT020310297

**Meuleman, Bart / Mazzola, Alessandro / Martiniello, Marco: The Refugee Reception Crisis**

English. Inhaltliche Zusammenfassung: The refugee question occupied centre stage at every political debate in Europe since 2015. Starting from the long summer of migration, the polarization of opinions and attitudes towards asylum seekers among citizens of the EU has grown increasingly. The divergence between hospitality and hostility has also become evident in political reactions.

⇒ Ausführliche Angaben: HT020309707

**Meysen, Thomas / Kelly, Liz / Hagemann-White, Carol: Interventions against child abuse and violence against women**

English. Inhaltliche Zusammenfassung: This book offers insights and perspectives from a study of “Cultural Encounters in Intervention Against Violence” (CEINAV) in four EU-countries. Seeking a deeper understanding of the underpinnings of intervention practices in Germany, Portugal, Slovenia and the United Kingdom, the team explored variations in institutional structures and traditions of law, policing, and social welfare. Theories of structural inequality and ethics are discussed and translated into practice.

⇒ Ausführliche Angaben: HT020310478

**Mezran, Karim / Varvelli, Arturo: THE MENA REGION: A GREAT POWER COMPETITION**

English. Inhaltliche Zusammenfassung: The volume deals with competition among regional and external players for the redistribution of power and international status in the Middle East and North Africa, with a focus on Russia’s renewed role and the implications for US interests. Over the last few years, a crisis of legitimacy has beset the liberal international order. In this context, the configuration of regional orders has come into question, as in the extreme case of the current collapse in the Middle East. The idea of a “Russian resurgence” in the Middle East set against a perceived American withdrawal has captured the attention of policymakers and scholars alike, warranting further examination. This volume, a joint publication by ISPI and the Atlantic Council, gathers analysis on Washington’s and Moscow’s policy choices in the MENA region and develops case studies of the two powers’ engagement in the countries beset by major crises.

⇒ Ausführliche Angaben: HT020309879

**Mhadhbi, Mohsen: Phase Change Materials and Their Applications**

English. Inhaltliche Zusammenfassung: Today, the application of phase change materials (PCMs) has developed in different industries, including the solar cooling and solar power plants, photovoltaic electricity systems, the space industry, waste heat recovery systems, preservation of food and pharmaceutical products, and domestic hot water. PCMs use the principle of latent heat thermal storage to absorb energy in large quantities when there is a surplus and release it when there is a deficit. This promising technology has already been successfully implemented in many construction projects. The aim of this book is to assist the scientists and to provide the reader with a comprehensive overview of the properties that characterize the phase change materials from theoretical and experimental perspectives with a focus on their technological applications. The present status and future perspectives of phase change material are discussed.

⇒ Ausführliche Angaben: HT020308890
Mhlongo, Gugu Hlengiwe / Gwebu, Sandile Surprise / Maxakato, Nobantha Wendy: Voltammetry

English. Inhaltliche Zusammenfassung: Voltammetry is a very important electrochemical technique that is used to study electrode surface reactions. It helps scientists to understand the behavior of electrochemically active species and the performance of the material being investigated. Voltammetry is commonly used in different fields ranging from energy, sensing, and corrosion applications. It is mainly performed to acquire qualitative information about electrochemical reactions. The interpretation of voltammetric results differs from application to application. In this text, the fundamentals and theories of voltammetry are covered. This book aims at providing interpretations of voltammetric techniques as they are applied in different fields. The various types of voltammetry are covered, and the significance of each type is explained. The topic covered in this book include interpretation of voltammetry in energy, corrosion and sensing applications.

⇒ Ausführliche Angaben: HT020309416

Michael, Kevin A.: Interpreting Cardiac Electrograms - From Skin to Endocardium

English. Inhaltliche Zusammenfassung: This is a reference book aimed at cardiologists, electrophysiologists and fellows in training. It presents an expansive review of cardiac electrogram interpretation in a collation of manuscripts that represent clinical studies, relevant anecdotal cases and basic science chapters evaluating cardiac signal processing pertaining to persistent atrial fibrillation. A diagnostic approach to arrhythmias using a standard ECG, the signal average ECG and fetal ECG is highlighted. Intracardiac ICD electrograms are also explored in terms of trouble shooting and device programming.

⇒ Ausführliche Angaben: HT020308464

Michaeli, Hiwa: Goethe’s Faust and the Divan of Hafiz. Body and Soul in Pursuit of Knowledge and Beauty

English. Inhaltliche Zusammenfassung: This book explores the poetic articulations of a shift from a transcendent to an immanent worldview, as reflected in the manner of evaluation of body and soul in Goethe’s Faust and Hafiz’ Divan. Focusing on two lifeworks that illustrate their authors’ respective intellectual histories, this cross-genre study goes beyond the textual confines of the two poets’ Divans to compare important building blocks of their intellectual worlds.

⇒ Ausführliche Angaben: HT020309970

Michaelides, Silas: Remote Sensing of Precipitation: Volume 1

Eng. Inhaltliche Zusammenfassung: Precipitation is a well-recognized pillar in global water and energy balances. An accurate and timely understanding of its characteristics at the global, regional, and local scales is indispensable for a clearer understanding of the mechanisms underlying the Earth’s atmosphere-ocean complex system. Precipitation is one of the elements that is documented to be greatly affected by climate change. In its various forms, precipitation comprises a primary source of freshwater, which is vital for the sustainability of almost all human activities. Its socio-economic significance is fundamental in managing this natural resource effectively, in applications ranging from irrigation to industrial and household usage. Remote sensing of precipitation is pursued through a broad spectrum of continuously enriched and upgraded instrumentation, embracing sensors which can be ground-based [e.g., weather radars], satellite-borne [e.g., passive or active space-borne sensors], underwater [e.g., hydrophones], aerial, or ship-borne.

⇒ Ausführliche Angaben: HT020307404

Michaelides, Silas: Remote Sensing of Precipitation: Volume 2
Precipitation is a well-recognized pillar in global water and energy balances. An accurate and timely understanding of its characteristics at the global, regional, and local scales is indispensable for a clearer understanding of the mechanisms underlying the Earth's atmosphere-ocean complex system. Precipitation is one of the elements that is documented to be greatly affected by climate change. In its various forms, precipitation comprises a primary source of freshwater, which is vital for the sustainability of almost all human activities. Its socio-economic significance is fundamental in managing this natural resource effectively, in applications ranging from irrigation to industrial and household usage. Remote sensing of precipitation is pursued through a broad spectrum of continuously enriched and upgraded instrumentation, embracing sensors which can be ground-based (e.g., weather radars), satellite-borne (e.g., passive or active space-borne sensors), underwater (e.g., hydrophones), aerial, or ship-borne.

Michel, Christian / Hedrick, Ronald / Morand, Marc: Parasites et parasites des poissons

French. Inhaltliche Zusammenfassung: This richly-illustrated work offers a representative panorama of parasitic agents encountered in fish. Based on the new phylogenetic classification concepts, it emphasises the biological properties, epidemiology and clinical effects of groups of organisms in question, in the light of cognitive advances made possible by the new biology tools. It is intended for a wide audience, from the world of aquaculture to animal health and teaching as well as to researchers.

Midgley, Mary: The Myths We Live By

English. Inhaltliche Zusammenfassung: Mary Midgley argues in her powerful new book that far from being the opposite of science, myth is a central part of it. In brilliant prose, she claims that myths are neither lies nor mere stories but a network of powerful symbols that suggest particular ways of interpreting the world.

Mieno, Tetsu: Plasma Science and Technology - Progress in Physical States and Chemical Reactions

English. Inhaltliche Zusammenfassung: In the early twentieth century, Dr. Irving Langmuir actively studied plasma discharge and surface science. Since then, great progress has been made in the development of applications of discharges and plasmas such as discharge lamps, electric tubes, and arc welding. In relation to studies on space physics and controlled nuclear fusion, plasma physics has greatly advanced. Plasma chemistry has also progressed along with its applications in LSI fabrication technology, the chemical vapor deposition of functional films, and the production of nanomaterials. In the twenty-first century, the further development of applications of plasma physics and plasma chemistry is certainly expected. In this book, 18 chapters on the recent progress in plasma science and technology have been written by active specialists worldwide.

Mihai, Florin-Constantin: Solid Waste Management in Rural Areas

English. Inhaltliche Zusammenfassung: The book points out that rural regions need proper attention at the global level concerning solid waste management sector where bad practices and public health threats could be avoided through traditional and integrated waste management routes. Solid waste management in rural areas is a key issue in developing and transitioning countries due to the lack of proper waste management facilities and services.
The book further examines, on the one hand, the main challenges in the development of reliable waste management practices across rural regions and, on the other hand, the concrete solutions and the new opportunities across the world in dealing with municipal and agricultural wastes. The book provides useful information for academics, various professionals, the members of civil society, and national and local authorities.

⇒ Ausführliche Angaben: HT020308421

**Mihaiescu, Dan / Ravariu, Cristian: Green Electronics**
English. Inhaltliche Zusammenfassung: The Green Electronics book is intended to stimulate peoples thinking toward the new concepts of an environment-friendly electronics - the main challenge in the future. The book offers multiple solutions to push the classical electronic industry toward green concepts, aided by nanotechnologies, with revolutionary features that provide low power consumption in electronics, use biomaterials for integrated structures, and include environmental monitoring tools. Based on organic semiconductors/insulators without toxic precursors, green electronic technologies launched promising devices like OLED, OTFT, or nano-core-shell transistors. The Green Electronics book successfully presents the recent directions collected worldwide and leaves free space for continuing year by year with new subtopics.

⇒ Ausführliche Angaben: HT020308786

**Mikhailov, Sergey: Physics and Applications of Graphene - Experiments**
English. Inhaltliche Zusammenfassung: The Stone Age, the Bronze Age, the Iron Age... Every global epoch in the history of the mankind is characterized by materials used in it. In 2004 a new era in material science was opened: the era of graphene or, more generally, of two-dimensional materials. Graphene is the strongest and the most stretchable known material, it has the record thermal conductivity and the very high mobility of charge carriers. It demonstrates many interesting fundamental physical effects and promises a lot of applications, among which are conductive ink, terahertz transistors, ultrafast photodetectors and bendable touch screens. In 2010 Andre Geim and Konstantin Novoselov were awarded the Nobel Prize in Physics “for groundbreaking experiments regarding the two-dimensional material graphene”. The two volumes Physics and Applications of Graphene - Experiments and Physics and Applications of Graphene - Theory contain a collection of research articles reporting on different aspects of experimental and theoretical studies of this new material.

⇒ Ausführliche Angaben: HT020307721

**Mikhailov, Sergey: Physics and Applications of Graphene - Theory**
English. Inhaltliche Zusammenfassung: The Stone Age, the Bronze Age, the Iron Age... Every global epoch in the history of the mankind is characterized by materials used in it. In 2004 a new era in material science was opened: the era of graphene or, more generally, of two-dimensional materials. Graphene is the strongest and the most stretchable known material, it has the record thermal conductivity and the very high mobility of charge carriers. It demonstrates many interesting fundamental physical effects and promises a lot of applications, among which are conductive ink, terahertz transistors, ultrafast photodetectors and bendable touch screens. In 2010 Andre Geim and Konstantin Novoselov were awarded the Nobel Prize in Physics for groundbreaking experiments regarding the two-dimensional material graphene. The two volumes Physics and Applications of Graphene - Experiments and Physics and Applications of Graphene - Theory contain a collection of research articles reporting on different aspects of experimental and theoretical studies of this new material.

⇒ Ausführliche Angaben: HT020309552

**Miki, Norihsa / Miyazaki, Koji / Morimoto, Yuya: Selected Papers from the 8th Symposium on Micro-Nano Science and Technology on Micromachines**
eng. Inhaltliche Zusammenfassung: This Special Issue presents selected papers from the 8th.
Mikkola, Heimo: Bats
English. Inhaltliche Zusammenfassung: Bats have a poor image for the public at large because they are often feared. This is usually due to ignorance. In this book, we have eight chapters on bats covering countries such as Algeria, Bulgaria, France, Pakistan, Poland, the UK and the USA and subjects ranging from acoustic monitoring of bat species for distribution and conservation purposes to various bat-borne and bat-carried diseases. These diseases cannot be taken lightly but should not be a reason for panic or to fear or even kill bats. Bats will not cause any harm if we let them live in peace. With the added knowledge through this book, we should know how best to cope with bats, which need all our support in the changing environments and climates.

Mikkola, Heimo: Future Foods
English. Inhaltliche Zusammenfassung: It is anticipated that by 2050 we will have nine billion people to feed—how can we manage? As scarcities of agricultural land, water, forest, fishery and biodiversity resources, as well as nutrients and nonrenewable energy are foreseen, insect rearing is one solution for food and feed security in the future. In this book, we have nine chapters ranging from mushroom, insect, and earthworm farming to smart packaging and 3D printing of future foods. However, because of their biological composition, several issues should be considered, such as microbial safety, toxicity, palatability, and the presence of inorganic compounds. Specific health implications ought to be kept in mind especially if mushrooms, earthworms, or insects are reared on waste products. Allergies induced through insects ingestion also deserve attention. A possible HACCP plan has been described considering pre-requirements in insect production and transformation.

Mikkola, Heimo: Seabirds
English. Inhaltliche Zusammenfassung: Changes in seabird populations are good indicators of large-scale and long-term change in marine ecosystems, and are important because of their global impacts on the marine environment. This book has six chapters that present a wide variety of global seabird-related issues, from India to Svalbard, Norway. It also gives a comprehensive history of the use and chemical content of guano and certification schemes in fisheries for seabird conservation in Argentina. With the knowledge available in this book we should know how best to protect seabirds, which need all our support to survive in changing environments and climates. We can all do our best to recycle plastic waste to reduce global plastic pollution, which has affected seabirds physical state, food sources, and nesting areas.

Mikus, Peter: Chiral Capillary Electrophoresis in Current Pharmaceutical and Biomedical Analysis
English. Inhaltliche Zusammenfassung: The scientific monograph by the author Peter Mikus entitled Chiral Capillary Electrophoresis in Current Pharmaceutical and Biomedical Analysis provides a comprehensive view on the advanced capillary electrophoresis techniques aimed to current chiral bioanalysis. The advances in the chiral electrophoresis analytical approaches are divided and theoretically described in three sections involving (i) advanced chiral separations for the optimization of chiral resolution (separation mechanisms; electrophoresis techniques in capillary and microchip format; electrophoretic modes such as ITP, CZE/EKC, CEC; chiral additives / pseudophases / phases), (ii) advanced sample preparation for the online preconcentration, sample clean-up and analyte derivatization (implementation of electrophoretic effects such as stacking; non-electrophoretic effects such as SPE, chromatography, dialysis; combinations of these effects; multidimensional CE systems; instrumental schemes),
(iii) advanced combinations of detection and electrophoresis for the optimization in qualitative and quantitative evaluation (the most important universal as well as selective detection approaches such as absorption and fluorescence spectrophotometry, electrochemical detection, mass spectrometry vs. (i) and/or (ii)). Real analytical potential (benefits and limitations) of these advanced analytical approaches is emphasized by selected performance parameters of the methods and illustrated by many current practical applications including chiral analyses of drugs, their (bio)degradation products and biomarkers in pharmaceutical and biological matrices. The author wishes the readers many inspirations in the creation of new innovative approaches in the field of advanced chiral electrophoresis techniques with the aim to overcome capabilities of the current analytical techniques.

⇒ Ausführliche Angaben: HT020307917

**Milani, Jafar M.: Some New Aspects of Colloidal Systems in Foods**
English. Inhaltsübersicht: Some New Aspects of Colloidal Systems in Foods is a new book on food emulsions, which provides in-depth coverage of some new aspects of food colloids. The coverage includes confident overviews of theoretical issues as well as descriptions of new techniques and recent colloid research findings. Specific topics include the role of electrostatic and steric forces in the stabilization of food colloids, antioxidants in food emulsions, nanoemulsions, and nanostructured colloids in food science. This book can be used as a specialized text for graduate students and researchers in food science and technology. In addition, it will serve as a reference text for advanced students in chemistry, engineers, biochemists, nutritionists, and analytical chemists in the food industry and research.

⇒ Ausführliche Angaben: HT020309306

**Milano, Jerônimo Buzetti / Junior, Erasmo Barros Da Silva: Primary Intracranial Tumors**
English. Inhaltsübersicht: This book covers specific chapters with fundamental and current concepts about the main primary intracranial tumors, aimed at general neurosurgeons, neurologists, oncologists, radiotherapists, and residents. They are everyday situations from the subspecialist routine that can become challenging for professionals outside referenced centers or working alone.

⇒ Ausführliche Angaben: HT020309294

**Milburn, Geoff / Westbury, Ian: Rethinking Schooling**
English. Inhaltsübersicht: Taking a collection of seminal articles from the Journal of Curriculum Studies, this book offers readers a vantage point for thinking about the worlds of schools and curricula, focusing in particular on the concept of seeing schools, curricula and teaching in new ways. Each of the chapters sheds fresh light on the ways of thinking the aforementioned. Themes include: classrooms and teaching pedagogy science and history education school and curriculum development students’ lives in schools. Written by an international group of distinguished scholars from Britain, North America, Sweden and Germany, the chapters draw on the perspectives offered by curriculum and pedagogical theory, history, ethnography, sociology, psychology and organisational studies and experiences in curriculum-making. Together they invite many questions about why teaching and curricula must be as they are. Rethinking Schooling provides new futures for education and alternative ways of seeing them.

⇒ Ausführliche Angaben: HT020310149

**Min, Mart: Cardiac Pacing and Monitoring - New Methods, Modern Devices**
English. Inhaltsübersicht: Different artificial tools, such as heart-pacing devices, wearable and implantable monitors, engineered heart valves and stents, and many other
cardiac devices, are in use in medical practice. Recent developments in the methods of cardiac pacing along with appropriate selection of equipment are the purpose of this book. Implantable heart rate management devices and wearable cardiac monitors are discussed. Indications for using specific types of cardiac pacemakers, cardiac resynchronization therapy devices, and implantable cardioverter defibrillators (ICDs) are of interest and their contraindications are considered. Special attention is paid to using leadless devices. The subcutaneous ICD obviates the need for transvenous leads and leadless pacemakers are entirely implantable into the right ventricle. Finally, applications of user-friendly wearable devices for the detection of atrial arrhythmia are debated.

⇒ Ausführliche Angaben: HT020309357

**Minic, Dragica: Hydrogen Energy - Challenges and Perspectives**
2012. 1 electronic resource (400 pages). ISBN 9789535108122, ISBN 9789535142713 English. Inhaltsliche Zusammenfassung: Hydrogen economy represents the future of human civilization. Limited resources of our planet are compelling us to turn to renewable clean energy resources and hydrogen figures prominently as the energy carrier of a future sustainable energy system. There are significant challenges to be overcome in order to make hydrogen viable, in production, storage and power generation, while safety of operation is an ever-present factor that determines success or failure of a proposed solution. Recent developments in all of these aspects are reviewed in this book, along with some latest research in the field of hydrogen energy and use.

⇒ Ausführliche Angaben: HT020307930

**Miranda, Joao Batista de / Zorzi, Alessandro R.: Cartilage Repair and Regeneration**
2018. 1 electronic resource (228 pages). ISBN 9789535137887, ISBN 9789535137894, ISBN 9789535140207 English. Inhaltsliche Zusammenfassung: This work is the result of a partnership that began in 2011, when I received for the first time the invitation to be the scientific editor of a book on bone grafting, by the still little publisher known as InTech. Now six years later, InTech has grown and thrived. My respect and warm approval for the quality of the publishers work only increased. The hyaline cartilage is a tissue that challenges tissue engineering and regenerative medicine because of its avascular nature. In the 11 chapters of this book, the reader will find texts written by researchers working on advanced topics related to basic laboratory research, as well as excellent reviews on the clinical use of currently available therapies.

⇒ Ausführliche Angaben: HT020308578

**Miranda, Joao Batista de / Zorzi, Alessandro R: Osteonecrosis**
2017. 1 electronic resource (118 pages). ISBN 9789535133070, ISBN 9789535133087 English. Inhaltsliche Zusammenfassung: In this book there are chapters written by great specialists, both doctors and dentists, addressing a very important subject for clinical practice and research: osteonecrosis. In addition to a general review of the subject matter in the introduction, you will find in it some subjects little discussed in other textbooks, such as osteonecrosis of the mandible and osteonecrosis of the spinal vertebrae.

⇒ Ausführliche Angaben: HT020308318

**Miranda, João Batista de / Zorzi, Alessandro Rozim: Primary Total Knee Arthroplasty**
2018. 1 electronic resource (134 pages). ISBN 9781789231427, ISBN 9781789231434 English. Inhaltsliche Zusammenfassung: This book presents a compilation of topics related to primary total knee arthroplasty. The chapters cover, in a clear and didactic way, the current themes, written by experts from the area, from different parts of the world. Topics related to the three surgical phases (before surgery, during surgery, and after surgery) are discussed here. This is very important because the surgeon is not a factory worker. First of all, it is a medicine doctor who has to feel and understand the particularities of each patient. Demographic studies show an aging population. Osteoarthritis and inflammatory diseases are becoming much more prevalent. In addition, a worldwide epidemic of trauma has led to the
need for arthroplasties much more frequently. Therefore, total knee arthroplasty will be an increasingly important subject.

⇒ Ausführliche Angaben: HT020308716

**Mire, Amina: Wellness in Whiteness**


English. Inhaltliche Zusammenfassung: This book analyses the social and ethical implications of the globalization of emerging skin-whitening and anti-ageing biotechnology. Using an intersectional theoretical framework and a content analysis methodology drawn from cultural studies, the sociology of knowledge, the history of colonial medicine and critical race theory, it examines technical reports, as well as print and online advertisements from pharmaceutical and cosmetics companies for skin-whitening products. With close attention to the promises of ‘ageless beauty’, ‘brightened’, youthful skin and solutions to ‘pigmentation problems’ for non-white women, the author reveals the dynamics of racialization and biomedicalization at work. A study of a significant sector of the globalized health and wellness industries - which requires the active participation of consumers in the biomedicalization of their own bodies - Wellness in Whiteness will appeal to social scientists with interests in gender, race and ethnicity, biotechnology and embodiment.

⇒ Ausführliche Angaben: HT020307515

**Mirschel, Markus: Bilderfronten**


⇒ Ausführliche Angaben: HT020307620

**Mirza, Heidi Safia: Young, Female and Black**


English. Inhaltliche Zusammenfassung: Young black women bear all the hallmarks of a fundamentally unequal society. They do well at school, contribute to society, are good efficient workers yet, as a group they consistently fail to secure the economic status and occupational prestige they deserve. This book presents a serious challenge to the widely held myth that young black women consistently underachieve both at school and in the labour market. In a comparative study of research and writing from America, Britain and the Caribbean Young, Female and Black re-examines our present understanding of what is meant by educational underachievement, the black family and, in particular, black womanhood in Britain.

⇒ Ausführliche Angaben: HT020310054

**Mitropoulos, Athanasios C. / Kyzas, George: Granularity in Materials Science**


English. Inhaltliche Zusammenfassung: Granular materials are a special topic of recent research and are a milestone of science and technology. These materials are very simple: they are large conglomerations of discrete macroscopic particles. Granular materials have a broad
area of development, which is growing rapidly day by day. Their impact on commercial applications and academia and education is huge. The basic points of this book are the important applications and properties of granular materials. For example, special mention is made of rheological points, shapes, and civil engineering aspects.

⇒ Ausführliche Angaben: HT020309081

Mitropoulos, Athanasios C. / Kyzas, George Z.: Novel Nanomaterials - Synthesis and Applications
English. Inhaltliche Zusammenfassung: Nanomaterials is a special topic of recent research and is a milestone of nanoscience and nanotechnology. Nanoscale materials are a series of substances/compounds, in which at least one dimension has smaller size than 100 nm. Nanomaterials have a broad area of development, which is growing rapidly day by day. Their impact on commercial applications as well as on the respective academia and education is huge. The basic points of this book can be divided into synthesis of nanomaterials and their applications. For example, special mention is about metal-oxide nanostructures, nanocomposites, and polymeric nanomaterials. Also, synthesis, characterizations, various processes, fabrications and some promising applications are also developed and analyzed.

⇒ Ausführliche Angaben: HT020308646

Mitropoulos, Athanasios Ch. / Kyzas, George Z.: Graphene Materials - Advanced Applications
English. Inhaltliche Zusammenfassung: Graphene is, basically, a single atomic layer of graphite, an abundant mineral that is an allotrope of carbon that is made up of very tightly bonded carbon atoms organized into a hexagonal lattice. What makes graphene so special is its sp2 hybridization and very thin atomic thickness (of 0.345 Nm). These properties are what enable graphene to break so many records in terms of strength, electricity, and heat conduction (as well as many others). This book gathers valuable information about many advanced applications of graphene (electrical, optical, environmental, cells, capacitors, etc).

⇒ Ausführliche Angaben: HT020308253

Mivsek, Ana Polona: Selected Topics in Midwifery Care
English. Inhaltliche Zusammenfassung: Midwifery across the globe faces different issues. In some countries the autonomy of the profession is a tradition, while in some societies midwives struggle to practice autonomously the basic competencies. In one part of the world the medicalisation of childbirth is the main issue, preventing the natural processes of pregnancy and childbirth to flow at their own pace, while in other parts of the world midwives struggle with lack of resources to provide safe midwifery care. The authors of this book practice midwifery in different cultures and within different social contexts. They have to deal with different obstacles and seek solutions to diverse problems. With their contributions, they offer an insight into their thinking, their dilemmas, and the problems of midwifery practices in their countries. However, despite different backgrounds, they all have in common a uniform goal - a wish to offer women optimal midwifery care and to improve midwifery services.

⇒ Ausführliche Angaben: HT020309253

Mivsek, Ana Polona: Sexology in Midwifery
English. Inhaltliche Zusammenfassung: Midwives support women during the reproductive period of their lives. Dimensions of midwifery work include, in addition to the physiological aspect, psychological and spiritual issues. Midwifery activities mean involvement in the most intimate sphere of clients lives. Women's perceptions of partnership, sexuality, pregnancy and birth are affected by their personal experiences and by the culture they live in. The same factors also influence the midwives perception of these issues. It is therefore crucial for the midwives to be aware of certain areas of their work that have a sexual inclination and clarify their own eventual prejudices regarding sexuality, since these can affect their provision of
holistic, individual and competent care to women and their families. This book deals with different aspects of sexuality that can have an influence on everyday midwifery work. It might also be of interest to different groups of people: midwives in clinical settings, midwifery educators, midwifery students and also other health professionals who manage women during the reproductive period.

⇒ Ausführliche Angaben: HT020309606

**Miyagawa, Shuji: Xenotransplantation - New Insights**
English. Inhaltliche Zusammenfassung: It has been nearly 5 years since I edited the last version. In this version, the focus is on islet transplantation. In addition, interesting topics dealing with corneal and peripheral nerve transplantation and decellularization are covered. Unfortunately, clinical trials have not started in Japan, the USA, or Europe in the past 5 years. On the other hand, clinical trials were completed in many countries and so on (inventory of human xenotransplantation practices: IXA and HUG in collaboration with the WHO). In addition, in Japan, clinical trials related to cell transplantation have been initiated, and guidelines for xenotransplantation have been revised. In the near future, some clinical trials on xenotransplantation using genetically modified pigs or the microencapsulation of pancreatic islets will start.

⇒ Ausführliche Angaben: HT020308346

**Miyahara, Shiho / Serizawa, Masumi / Uda, Takaaki: Morphodynamic Model for Predicting Beach Changes Based on Bagnold’s Concept and Its Applications**
English. Inhaltliche Zusammenfassung: The authors have developed models for predicting beach changes applicable to various problems on real coasts. One of them is the contour-line-change model to predict long-term beach changes caused by the imbalance in longshore sand transport, which is a kind of N-line model. Because the calculation of the nearshore current is not needed in this model, and the computational load is small, it has an advantage in the prediction of long-term topographic changes on an extensive coast. However, the handling of boundary conditions becomes difficult when offshore coastal structures are constructed in a complicated manner, and in this regard the so-called 3D model has an advantage. Taking this point into account, the authors developed a morphodynamic model (BG model) by applying the concept of the equilibrium slope and the energetics approach, in which depth changes on 2D horizontal grids are calculated.

⇒ Ausführliche Angaben: HT020309170

**Mizrahi, Joseph: Kinematics - Analysis and Applications**
English. Inhaltliche Zusammenfassung: Numerous problems in engineering and biology can be described, characterized, and analyzed in kinematics terms. In classical machinery and robotics the most distinctive characteristic is constrained motion of multi-degree-of-freedom kinematic chains. Robotic arms and manipulators have become essential devices in industrial applications and medicine. This book provides the reader with an updated look at the current trends in kinematics methods and applications. Section 1 deals with kinematics of linkages and includes analysis of cam mechanisms and transformation of rotary motion into oscillation. Section 2 covers compliant mechanisms, whereby elastically deformable parts are part of the mechanism. Finally, Section 3 deals with kinematics of spacecrafts and satellites in the contexts of global navigation systems and of space robot analysis.

⇒ Ausführliche Angaben: HT020309469

**Mlinaric, Franjo / Oplotnik, Zan Jan / Brezovnik, Bostjan: Attorneys and Attorney Tariff in Slovenia**
English. Inhaltliche Zusammenfassung: In Slovenia, attorneys as a part of the justice system
represent an autonomous and independent service that is regulated by law. As set out in the
decision of the Constitutional Court of the Republic of Slovenia, there is no doubt that the leg-
islature has to adopt the law to regulate the attorneys profession, but in its attempt of such
regulation, the legislature always collides with the constitutional requirement that the attor-
nneys are autonomous and independent. Therefore, when regulating the attorneys profession,
the legislature has to address the issues of autonomy and independence and thus also the
question of determining attorney tariffs, while certain issues must be left to be autonomously
regulated within the attorneys profession. The attorney tariff does not determine a mandatory
price of legal services because an attorney and his client may always reach an agreement
that is different from the attorney tariff. However, the tariff is binding when the court decides
on the obligation to reimburse the party who has succeeded in a dispute for their attorney
costs. With our research, we have empirically demonstrated that the existing attorney tariff in
Slovenia unjustifiably drains smaller law firms, which guarantee an efficient coverage of pop-
ulation and smaller undertakings with a network of legal services. As a result, the economic
autonomy and independence of law firms are compromised, and the right to effective judicial
protection is unjustifiably restricted for the parties who succeed in a dispute.
⇒ Ausführliche Angaben: HT020308690

Mmereki, Daniel: Household Hazardous Waste Management
English. Inhaltliche Zusammenfassung: Rapid global urbanization and increases in living
standards in recent decades have led to changes in the household hazardous waste (HHW)
generation characteristics due to increases in buying power and easier access to products
that are convenient but not always safe. In recent years, the amount of diversified hazardous
materials and/or potentially hazardous materials, such as cleaning products, medicines, per-
sonal care products, packaging and container products, phthalates, and antibacterial agents,
poses a serious threat to the environment and public health. As a result developed coun-
tries have adopted well-functioning policy measures and innovative technologies to deal with
HHW. On the other hand, developing countries have weak institutional structures and poor
policy performance and have adopted ad hoc approaches to manage HHW. The book con-
tains five chapters covering topics of household hazardous waste management and exposure
assessment. This book will be useful to many research scientists, solid and hazardous wa-
ste managers, administrators, librarians, and students in the scope of development in solid
and hazardous waste management program including sources of household hazardous wa-
ste, exposure assessment, and government policies on waste generation and treatment and
processing of HHW..
⇒ Ausführliche Angaben: HT020308141

Möller, Ruwen: Handball
alles, was man wissen muss / Ruwen Möller. (Alles, was man wissen muss) 1. Auflage 2020.
9783840376832.
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 796DNB 796DNB
⇒ DDC (Dewey Decimal Classification):
  - 79623sdbn 79623sdbn
⇒ Ausführliche Angaben: HT020312464

Moesch, Sophia: Augustine and the Art of Ruling in the Carolingian Imperial Period (Open Access)
English. Inhaltliche Zusammenfassung: This volume is an investigation of how Augustine was
received in the Carolingian period, and the elements of his thought which had an impact on
Carolingian ideas of 'state', rulership and ethics. It focuses on Alcuin of York and Hincmar of
Rheims, authors and political advisers to Charlemagne and to Charles the Bald, respectively. It examines how they used Augustinian political thought and ethics, as manifested in the De civitate Dei, to give more weight to their advice. A comparative approach sheds light on the differences between Charlemagne’s reign and that of his grandson. It scrutinizes Alcuin’s and Hincmar’s discussions of empire, rulership and the moral conduct of political agents during which both drew on the De civitate Dei, although each came away with a different understanding. By means of a philological-historical approach, the book offers a deeper reading and treats the Latin texts as political discourses defined by content and language.

⇒ Ausführliche Angaben: HT020307554

Mößle, Thomas: dick, dumm, abhängig, gewalttätig?

⇒ Ausführliche Angaben: HT020307567

Mofid, Kamran: The Economic Consequences of the Gulf War
English. Inhaltliche Zusammenfassung: The Iran-Iraq War were one of the longest and most devastating uninterrupted wars amongst modern nation states. It produced neither victor nor vanquished and left the regimes in both countries basically intact. However, it is clear that the domestic, regional and international repercussions of the war mean that going back is not an option. Iraq owes too much to regain the lead it formerly held in economic performance and development levels. What then does reconstruction mean? In this book, Kamran Mofid counteracts the scant analysis to date of the economic consequences of the Gulf War by analysing its impact on both economies in terms of oil production, exports, foreign exchange earnings, non-defence foreign trade and agricultural performance. In the final section, Mofid brings together the component parts of the economic cost of the war to assign a dollar value to the devastation.

⇒ Ausführliche Angaben: HT020310109

Moghaddam, Shahriar Shirvani: Cognitive Radio in 4G/5G Wireless Communication Systems
English. Inhaltliche Zusammenfassung: The limitation of the radio spectrum and the rapid growth of communication applications make optimal usage of radio resources essential. Cognitive radio (CR) is an attractive research area for 4G/5G wireless communication systems, which enables unlicensed users to access the spectrum. Delivering higher spectral efficiency, supporting the higher number of users, and achieving higher coverage and throughput are the main advantages of CR-based networks compared to conventional ones. The main goal of this book is to provide highlights of current research topics in the field of CR-based systems. The book consists of six chapters in three sections focusing on primary and secondary users, spectrum sensing, spectrum sharing, CR-based IoT, emulation attack, and interference alignment.

⇒ Ausführliche Angaben: HT020309142
Mognato, Maddalena: DNA Repair - An Update
English. Inhaltsverzeichnis: This book offers a collection of chapters addressing different studies on DNA repair from a cellular and molecular point of view. The various contributions highlight the vastness of DNA repair process and the need for a deeper understanding. To this end, the recent considerations here presented can be a cue for scientists and students working on, or interested in, the subject of DNA repair in human cells. This book may suggest to readers new avenues of interplay between different kinds of DNA damage and cellular response for maintaining nuclear and mitochondrial genomic stability.
⇒ Ausführliche Angaben: HT020309404

Mohamad, Ahmad Azmin: Recent Progress in Soldering Materials
English. Inhaltsverzeichnis: This book is about solders and their composition and focuses on material characterizations and the methods used to make alloys and determine their structures, physical properties and applications. Physical properties and the factors that control them and theoretical verification are the main contents of this book. Corrosion of solders is included in the coverage of the properties related to solder composition and mechanical properties.
⇒ Ausführliche Angaben: HT020308485

Mohamed, Adel M. A. / Golden, Teresa D.: Electrodeposition of Composite Materials
English. Inhaltsverzeichnis: Nanocomposite coatings have various properties that can be utilized for corrosion protection and tribological improvements. Synthesis of the nanocomposite coatings using an electrodeposition method allows unique control of the experimental parameters. By fine tuning the experimental parameters, various compositions and properties can be obtained for the nanocomposite coatings. This book covers some of the electrochemical methods used for nanocomposite coating deposition as well as discusses in detail examples of several nanocomposite coating. The corrosion and tribological performance of the nanocomposite coatings are also covered and some nanocomposite coatings are discussed for specific technological areas, such as fuel cells and microelectronics.
⇒ Ausführliche Angaben: HT020308010

Mohammadi, Hadi: Biomechanics
English. Inhaltsverzeichnis: I have taught a variety of courses in biomechanics, introductory and advanced, at multiple universities in Canada. I have not been able to find or use an appropriate textbook for students whose background is not biomedical engineering. It should be noted that there are many outstanding books on biomechanics; however, they are usually not very introductory or the topics covered are too detailed, which makes it impossible for those audiences to make effective use of the book. The present book is an attempt to fill this gap. No previous familiarity of anatomy, biology, or physiology is expected, and in fact every chapter begins with a review of the relevant necessary background. Each chapter then highlights identification and explanation of the indispensable aspects of the associated biomechanics issues.
⇒ Ausführliche Angaben: HT020309217

Mohammadi, Mohammad-Reza: A Comprehensive Book on Autism Spectrum Disorders
English. Inhaltsverzeichnis: The aim of the book is to serve for clinical, practical, basic and scholarly practices. In twentyfive chapters it covers the most important topics related to Autism Spectrum Disorders in the efficient way and aims to be useful for health
professionals in training or clinicians seeking an update. Different people with autism can have very different symptoms. Autism is considered to be a spectrum disorder, a group of disorders with similar features. Some people may experience merely mild disturbances, while the others have very serious symptoms. This book is aimed to be used as a textbook for child and adolescent psychiatry fellowship training and will serve as a reference for practicing psychologists, child and adolescent psychiatrists, general psychiatrists, pediatricians, child neurologists, nurses, social workers and family physicians. A free access to the full-text electronic version of the book via Intech reading platform at http://www.intechweb.org is a great bonus.

⇒ Ausführliche Angaben: HT020307776

Mohammady, Somayeh: Multiplexing  
English. Inhaltliche Zusammenfassung: Mobile communication has been a critical part of everyday life for the last 30 years. As the demand for wireless communications and higher data rates on these links continues its rapid growth, engineers, scientists, and researchers are required to advance the hardware and software needed to deliver systems for 5G, Massive multiple-input, multiple-output (MIMO), and optical backhaul networks. Now, more than ever before, the fundamental concept of multiplexing is at play. This book is a unique reference for understanding the concept of multiplexing. It provides comprehensive coverage of the practical applications of multiplexing to help the reader better understand its use in these systems. It is a great resource, especially for engineers working on digital signal processing, radio frequency (RF), antenna design, beamforming, and network designs. The book contains chapters on the following topics: 'History of multiplexing and how it applies to current technologies; 'Different types and applications of multiplexing; 'Multiplexing techniques in wireless networks; 'Multiple-Input, Multiple-Output Orthogonal Frequency-Division Multiplexing (MIMO-OFDM); 'Direct-Sequence Optical-Code Division Multiple-Access (DS-OCDMA); 'Optically multiplexed systems.  
⇒ Ausführliche Angaben: HT020309472

Mohammed, Reem Hamdy Abdellatif: Vasculitis In Practice - An Update on Special Situations - Clinical and Therapeutic Considerations  
English. Inhaltliche Zusammenfassung: Vasculitis describes an inflammatory process that involves the blood vessels and contributes to vascular damage. Autoimmunity, infections, drugs, and malignancies have been considered among potential etio-pathogenic factors. In vasculitis, the inflammation might develop in either a systemic or an organ-specific form and might exist as an independent pathology primary vasculitis or as a presentation of an existing primary pathology, that is, secondary vasculitis. This book Vasculitis In Practice-An Update on Special Situations - Clinical and Therapeutic Considerations unlike many publications in the field, uses a different evidence-based approach to organ-specific vascular inflammatory diseases. The authors highlighted the unmet needs from the 1994 Chapel Hill Consensus Conference introducing the latest clinically relevant definitions for the different forms of vasculitis revised in 2012. The identification, classification, and management of kidney disease with different types of vasculitis with an evidence-based update on proposed therapeutic strategies are presented in this publication.  
⇒ Ausführliche Angaben: HT020308994

Mohamudally, Nawaz: Smartphones from an Applied Research Perspective  
English. Inhaltliche Zusammenfassung: Smartphones from an Applied Research Perspective highlights latest advancements of research undertaken in multidisciplinary fields where the smartphone plays a central role. Smartphone is synonymous to innovation in todays society. Very few visionaries predicted its social, cultural, technological and economic impacts, although the usage of smartphone is almost pervasive and transcendental. This book is meant
for researchers and postgraduate students looking forward for hot topics for their final year projects, doctoral or even postdoctoral studies. Practitioners too will find food for thought and will surely be amazed by the breadth of the topics presented.

⇒ Ausführliche Angaben: HT020308473

Mohamudally, Nawaz: State of the Art Virtual Reality and Augmented Reality Knowhow
English. Inhaltliche Zusammenfassung: State-of-the-Art Virtual Reality and Augmented Reality Knowhow is a compilation of recent advancements in digital technologies embracing a wide arena of disciplines. Amazingly, this book presents less business cases of these emerging technologies, but rather showcases the scientific use of VR/AR in healthcare, building industry and education. VR and AR are known to be resource intensive, namely, in terms of hardware and wearables - this is covered in a chapter on head-mounted display (HMD). The research work presented in this book is of excellent standard presented in a very pragmatic way; readers will appreciate the depth and breadth of the methodologies and discussions about the findings. We hope it serves as a springboard for future research and development in VR/AR and stands as a lighthouse for the scientific community.

⇒ Ausführliche Angaben: HT020308718

Mohamudally, Nawaz: Time Series Analysis and Applications
English. Inhaltliche Zusammenfassung: Time Series Analysis (TSA) and Applications offers a dense content of current research and development in the field of data science. The book presents time series from a multidisciplinary approach that covers a wide range of sectors ranging from biostatistics to renewable energy forecasting. Contrary to previous literatures on time, serious readers will discover the potential of TSA in areas other than finance or weather forecasting. The choice of the algorithmic transform for different scenarios, which is a key determinant in the application of TSA, can be understood through the diverse domain applications. Readers looking for deep understanding and practicability of TSA will be delighted. Early career researchers too will appreciate the technicalities and refined mathematical complexities surrounding TSA. Our wish is that this book adds to the body of TSA knowledge and opens up avenues for those who are looking forward to applying TSA in their own context.

⇒ Ausführliche Angaben: HT020308548

Mohan, Sriram / Punathambekar, Aswin: Global Digital Cultures: Perspectives from South Asia
English. Inhaltliche Zusammenfassung: Digital media histories are part of a global network, and South Asia is a key nexus in shaping the trajectory of digital media in the twenty-first century. Digital platforms like Facebook, WhatsApp, and others are deeply embedded in the daily lives of millions of people around the world, shaping how people engage with others as kin, as citizens, and as consumers. Moving away from Anglo-American and strictly national frameworks, the essays in this book explore the intersections of local, national, regional, and global forces that shape contemporary digital culture(s) in regions like South Asia: the rise of digital and mobile media technologies, the ongoing transformation of established media industries, and emergent forms of digital media practice and use that are reconfiguring sociocultural, political, and economic terrains across the Indian subcontinent. From massive state-driven digital identity projects and YouTube censorship to Tinder and dating culture, from Twitter and primetime television to Facebook and political rumors, Global Digital Cultures focuses on enduring concerns of representation, identity, and power while grappling with algorithmic curation and data-driven processes of production, circulation, and consumption.

⇒ Ausführliche Angaben: HT020310323

Mohd, Mustafa Ali: Advanced Gas Chromatography - Progress in Agricultural, Biomedical and Industrial Applications
Progress in agricultural, biomedical and industrial applications is a compilation of recent advances and developments in gas chromatography and its applications. The chapters cover various aspects of applications ranging from basic biological, biomedical applications to industrial applications. Book chapters analyze new developments in chromatographic columns, microextraction techniques, derivatisation techniques and pyrolysis techniques. The book also includes several aspects of basic chromatography techniques and is suitable for both young and advanced chromatographers. It includes some new developments in chromatography such as multidimensional chromatography, inverse chromatography and some discussions on two-dimensional chromatography. The topics covered include analysis of volatiles, toxicants, indoor air, petroleum hydrocarbons, organo-metallic compounds and natural products. The chapters were written by experts from various fields and clearly assisted by simple diagrams and tables. This book is highly recommended for chemists as well as non-chemists working in gas chromatography.

Mokhtari, Mohammad: Tsunami

English. Inhaltliche Zusammenfassung: This book is a collection of contribution from experts involved in tsunami study for the purpose of covering its different aspects from generation to warning system to be applied in tsunami risk reduction. The presented chapters have been peer reviewed and accepted for publication. The content of the book consists of information on tsunami propagation from the open sea to the coast and coastal tsunami warning using deployed HF radar systems in different parts of North America and Japan. In this book, tsunami propagation, preliminary methods for evaluating the suitability of radar sites for tsunami detection using simulated tsunami velocities and factors affecting tsunami detectability are discussed and methods for reducing the false alarms are described. It further covers multi-scale meteorological systems resulted in meteo-tsunami and tsunami generation due to a landslide or a submarine volcanic eruption, where few case studies have been presented. The occurrence and characteristics of tsunami in Sweden, using paleo-tsunami events from different parts of the Scandinavia and finally challenges and opportunities for reducing losses to fast-arriving tsunamis in remote villages along Pakistan coast, with few examples are also discussed.

Mokwala, Phatlane William: Pollination in Plants

English. Inhaltliche Zusammenfassung: Plants are the basic source of food for both humans and animals. Most of the food is made of fruits and seeds. For these to be formed, pollination must first take place. This process is the transfer of pollen grains from the anther, which is the male structure of the flower, to the sigma on the female structure of the flower. The transfer process requires agents to be carried out. The agents can be either biotic or abiotic. Nature perfected this arrangement between the pollination agents and the plants. As ecosystems and agricultural systems are changing, this balanced arrangement becomes disturbed. This makes it necessary that pollination systems be studied so that necessary measures can be undertaken to ensure productivity. The chapters of this book present results in research undertaken to improve productivity in crops such as Actinidia chinensis (the kiwifruit), Theobroma cacao (cocoa), and Manicaria saccifera (a tropical forest palm). Some results are presented on tests to check the viability of pollen grains and the delivery of sperm cells through pollen tubes to the embryo sac. These results can serve as guidelines to any person seeking to improve pollination and productivity or to check the efficiency on pollination in ecosystems or agricultural production systems.

Molina, Mónica Alexandra Mendoza / García, Miguel Hernández / Salamanca, Juan David Guevara: Construcción y significación del territorio. Comunidad El Codito, 2011
Los conceptos de comunidad y territorio han sido muy relevantes para la comprensión de los procesos sociales, pues dan cuenta de contextos particulares, de rasgos identitarios específicos, de diversas formas de participación y de usos y prácticas concretas. Por ello, el equipo interdisciplinario de estudios en desarrollo local de la Universidad del Rosario, desarrolló entre los años 2011 y 2012, una investigación que buscaba, por un lado, establecer las formas de construcción de comunidad entre los habitantes del sector El Codito y, por otro, determinar el rol del territorio en estos procesos. El presente texto es uno de los resultados de esta investigación y aborda en sus tres capítulos cuestiones como: la evolución del concepto de comunidad a la luz de diferentes teóricos, contrastándola con las percepciones y vivencias de los adultos mayores de El Codito, su consolidación como territorio significado, enmarcado en el proceso de urbanización de Bogotá, en general, y de la localidad de Usaquén, en particular, y la construcción de comunidad a través de variables como la cotidianidad, el sentido de pertenencia, el género y la participación.

Molina, Mónica Mendoza / Buitrago, Laura Marcela Luna / Forero, Carol Iván Abaunza: Siempre hay tiempo. Atención al adulto mayor privado de la libertad en Colombia

Spanish. Inhaltliche Zusammenfassung: El programa “Atención al adulto mayor privado de la libertad en Colombia” se construyó con base en los resultados de una investigación sobre este aspecto particular, realizada en el año 2014, en la que participaron hombres y mujeres de diez Establecimientos de Reclusión del Orden Nacional -ERON-, aportando consideraciones sobre sus condiciones de vida y experiencias en prisión, desde la perspectiva de la adultez mayor. Esto permitió la definición de cinco ejes específicos de intervención (expectativa de vida, familiar, psicológico, prevención de la reincidencia e identificación de la conducta delictiva), que se desarrollan a lo largo del texto, en sus componentes conceptual, metodológico y de aplicación. El programa tiene como objeto brindar atención diferencial tanto individual, como grupal a los adultos mayores durante su tiempo de internamiento, con el fin de aportar al mejoramiento de sus condiciones de vida. Está dirigido a profesionales de diversas áreas con interés en trabajo comunitario con adultos mayores y personas privadas de la libertad, funcionarios del Sistema Nacional Penitenciario y Carcelario Colombiano - SNPC - y diseñadores de la política pública de atención a estas poblaciones específicas.

Mollaoglu, Mukadder: Caregiving and Home Care

English. Inhaltliche Zusammenfassung: The management of chronic diseases is one of the tasks of all members of the health team, and different models need to be applied in the practice of chronic care management. One of these models is home care services. There are two main sections in this book. In the first part of the section, the concept of caregiving and care at home is explained. In the second part, the responsibilities of caregivers at home and the responsibilities of caregivers of people who have health problems that occur during different periods of life are discussed. In the second section, the problems of caregivers are also included. I would like to think that what is quoted in this book, which contains examples from different cultures of the world for home care approaches, will contribute to the development of home care services. This book is presented to all health professionals working in the field of health services as well as health politics professionals and students trained in these areas.

Mollaoglu, Mukadder: Palliative Care

English. Inhaltliche Zusammenfassung: Palliative care is one of the most important factors in the fight against chronic diseases. It begins from the moment the patient is diagnosed,
continues with curative treatment until death, and ends with care that supports the patients family and other caregivers during the postmortem mourning process. In all these stages it is very important to improve the quality of life in patients, to relieve symptoms, and to support patients and their relatives in a dignified manner. This book includes basic information about palliative care, management of patient symptoms, support suggestions for psychological and social problems, needs of patients and their families, and how palliative care is handled in different countries. Written for healthcare professionals, students, and all interested readers, this book provides important information that can be used to improve the quality of life of patients as well as that of their families.

⇒ Ausführliche Angaben: HT020309514

Mollaoglu, Mukadder: Well-being and Quality of Life - Medical Perspective
English. Inhaltliche Zusammenfassung: The chapters in this book focus on the physical, social, and emotional components of the concept of quality of life. How diseases affect the quality of life of people is mainly discussed. The influence of diseases on quality of life in age-specific periods such as childhood, youth, and old age is also emphasized. In some non-disease-related environmental factors, specific social phenomena have also been analyzed. I hope that current research and research results in the book will be used to increase the quality of life by health professionals. This book will attract not only health workers but also environmentalists and social scientists and behavioral scientists.

⇒ Ausführliche Angaben: HT020308425

Momba, Maggy Ndombo Benteke: Biomass
English. Inhaltliche Zusammenfassung: Due to demands placed on natural resources globally and subsequent deterioration of the environment, there is a need to source and develop appropriate technology to satisfy this requirement. For decades mankind has largely depended on natural resources such as fossil fuels to meet the ever increasing energy demands. Realizing the finite nature of these resources, emphasis is now shifting to investigating alternate energy source governed by environmentally friendly principles. The abundance of biomass and associated favorable techno-economics has recently changed global perceptions of harnessing biomass as a valuable resource rather than a waste. To this end this book aims to make a contribution to exploring further this area of biomass research and development in the form of a compilation of chapters and covering areas of ecological status of different types of biomass and the roles they play in ecosystems, current status of biomass utilization and deriving energy and other value added products from biomass. In this context biomass can be defined as large plants and trees and different groups of microorganisms. This book will serve as an invaluable resource for scientists and environmental managers in planning solutions for sustainable development.

⇒ Ausführliche Angaben: HT020307678

Mondal, Sankalan / Saha, Satyen: Photochemistry and Photophysics - Fundamentals to Applications
English. Inhaltliche Zusammenfassung: Photochemistry and photophysics are as old as our planet Earth. Photosynthesis in plants and vision in our eyes are natural examples of their importance. This book entitled Photochemistry and Photophysics - Fundamentals to Applications presents various advanced topics that inherently utilize core concepts of photochemistry and photophysics. There are eleven chapters in this book, which are divided into four parts. While the first and second parts contain chapters describing the fundamentals of photochemistry and photophysics, respectively, the third part is on computational photochemistry. The last part deals with applications of photochemistry and photophysics. The goal of this book is to familiarize both research scholars and postgraduate students with recent advances in this exciting field.

⇒ Ausführliche Angaben: HT020309051
Monte, Suzanne De La: *Alzheimers Disease Pathogenesis - Core Concepts, Shifting Paradigms and Therapeutic Targets*  
English. Inhaltliche Zusammenfassung: Alzheimers Disease Pathogenesis: Core Concepts, Shifting Paradigms, and Therapeutic Targets, delivers the concepts embodied within its title. This exciting book presents the full array of theories about the causes of Alzheimers, including fresh concepts that have gained ground among both professionals and the lay public. Acknowledged experts provide highly informative yet critical reviews of the factors that most likely contribute to Alzheimers, including genetics, metabolic deficiencies, oxidative stress, and possibly environmental exposures. Evidence that Alzheimers resembles a brain form of diabetes is discussed from different perspectives, ranging from disease mechanisms to therapeutics. This book is further energized by discussions of how neurotransmitter deficits, neuro-inflammation, and oxidative stress impair neuronal plasticity and contribute to Alzheimers neurodegeneration. The diversity of topics presented in just the right depth will interest clinicians and researchers alike. This book inspires confidence that effective treatments could be developed based upon the expanding list of potential therapeutic targets.  
⇒ Ausführliche Angaben: HT020307772

Montero, Gisela / Stoytcheva, Margarita: *Biodiesel - Quality, Emissions and By-Products*  
English. Inhaltliche Zusammenfassung: This book entitled Biodiesel: Quality, Emissions and By-products covers topics related to biodiesel quality, performance of combustion engines that use biodiesel and the emissions they generate. New routes to determinate biodiesel properties are proposed and the process how the raw material source, impurities and production practices can affect the quality of the biodiesel is analyzed. In relation to the utilization of biofuel, the performance of combustion engines fuelled by biodiesel and biodiesels blends are evaluated. The applications of glycerol, a byproduct of the biodiesel production process as a feedstock for biotechnological processes, and a key compound of the biorefinery of the future is also emphasized.  
⇒ Ausführliche Angaben: HT020307806

Montias, John Michael: *Art at Auction in 17th Century Amsterdam*  
English. Inhaltliche Zusammenfassung: In this study of Amsterdams Golden Age cultural elite, John Michael Montias analyzes records of auctions from the Orphan Chamber of Amsterdam through the first half of the seventeenth century, revealing a wealth of information on some 2,000 art buyers regional origins, social and religious affiliations, wealth, and aesthetic preferences. Chapters focus not only on the art dealers who bought at these auctions, but also on buyers who had special connections with individual artists.  
⇒ Ausführliche Angaben: HT020309829

Montoya, Francisco G. / Baños Navarro, Raúl: *Optimization Methods Applied to Power Systems: Volume 1*  
English. Inhaltliche Zusammenfassung: This book presents an interesting sample of the latest advances in optimization techniques applied to electrical power engineering. It covers a variety of topics from various fields, ranging from classical optimization such as Linear and Nonlinear Programming and Integer and Mixed-Integer Programming to the most modern methods based on bio-inspired metaheuristics. The featured papers invite readers to delve further into emerging optimization techniques and their real application to case studies such as conventional and renewable energy generation, distributed generation, transport and distribution of electrical energy, electrical machines and power electronics, network optimization, intelligent systems, advances in electric mobility, et cetera.  
⇒ Ausführliche Angaben: HT020307416

Montoya, Francisco G. / Baños Navarro, Raúl: *Optimization Methods Applied to Power Systems: Volume 2*
Inhaltliche Zusammenfassung: This book presents an interesting sample of the latest advances in optimization techniques applied to electrical power engineering. It covers a variety of topics from various fields, ranging from classical optimization such as Linear and Nonlinear Programming and Integer and Mixed-Integer Programming to the most modern methods based on bio-inspired metaheuristics. The featured papers invite readers to delve further into emerging optimization techniques and their real application to case studies such as conventional and renewable energy generation, distributed generation, transport and distribution of electrical energy, electrical machines and power electronics, network optimization, intelligent systems, advances in electric mobility, et cetera.

⇒ Ausführliche Angaben: HT020307417

Monyai, Reginald Botshabeng: Teacher Education in the 21st Century
English. Inhaltliche Zusammenfassung: A learner-centred curriculum provides space for the learner to be actively involved in knowledge production and learning. Such can only happen if the learners confidence is boosted by a feeling of control and ability to manage his or her progress towards acquiring a qualification. The twenty-first century teacher must create an environment that not only supports the Four Pillars of Learning but also leads to learners being allowed a voice to ask pertinent questions. The teacher should be able to guide the student to full physical and mental maturity and should help to develop critical thinking, and the students should be encouraged to practice the truth and have self-respect and respect for other people. This can happen if the learner is afforded the opportunity to self-accept. If the learners fail to do so, they are likely to have lack of confidence, which will lead to lack of independence.

⇒ Ausführliche Angaben: HT020309368

Moore, Clive: Tulagi
English. Inhaltliche Zusammenfassung: Tulagi was the capital of the British Solomon Islands Protectorate between 1897 and 1942. The British withdrawal from the island during the Pacific War, its capture by the Japanese and the American reconquest left the island’s facilities damaged beyond repair. After the war, Britain moved the capital to the American military base on Guadalcanal, which became Honiara. The Tulagi settlement was an enclave of several small islands, the permanent population of which was never more than 600: 300 foreigners—one-third of European origin and most of the remainder Chinese—and an equivalent number of Solomon Islanders. Thousands of Solomon Islander males also passed through on their way to work on plantations and as boat crews, hospital patients and prisoners. The history of the Tulagi enclave provides an understanding of the origins of modern Solomon Islands. Tulagi was also a significant outpost of the British Empire in the Pacific, which enables a close analysis of race, sex and class and the process of British colonisation and government in the late nineteenth and early twentieth centuries.

⇒ Ausführliche Angaben: HT020309856

Moore, Kenneth Royce: Sex and the Second-Best City
English. Inhaltliche Zusammenfassung: Sex and the Second-Best City deals with the topics of sex and society in the Laws of Plato with recourse to historical context and modern critical theory. It examines reconstructions of ancient sexuality with a view to increased clarification. The text of the Laws is considered, along with many of its literary qualities, its influences and the utopian plan that it proposes.

⇒ Ausführliche Angaben: HT020310140

Morais, Simone: Multi-Walled Carbon Nanotubes
Eng. Inhaltliche Zusammenfassung: Since their discovery, multi-walled carbon nanotubes (MWCNTs) have received tremendous attention due to their unique electrical, optical, physical, chemical, and mechanical properties. Remarkable advances have been made in the synthesis, purification, structural characterization, functionalization, and application of MWCNTs. Their particular characteristics make them well suited for a plethora of applications in a number of fields, namely nanoelectronics, nanofluids, energy management, (electrocatalysis, materials science, construction of (bio)sensors based on different detection schemes, multifunctional nanoprobes for biomedical imaging, and sorbents for sample preparation or removal of contaminants from wastewater. They are also useful as anti-bacterial agents, drug delivery nanocarriers, et cetera. The current relevant application areas are countless. This Special Issue presents original research and review articles that address advances, trends, challenges, and future perspectives regarding synthetic routes, structural features, properties, behaviors, and industrial or scientific applications of MWCNTs in established and emerging areas.

⇒ Ausführliche Angaben: HT020307395

Morales-Gonzalez, Jose Antonio: Vitamin E in Health and Disease
English. Inhaltliche Zusammenfassung: In this book, Vitamin E in Health and Disease, the chapter by Dr Lisa Schmölz and others, The Hepatic Fate of Vitamin E, includes the hepatic metabolism of vitamin E, its storage, release, distribution, and its effects on the metabolism in great detail, as well as its effect on the prevention of diseases, in addition to its role in anti-aging. The chapter by Dr Rusu Anca Elena reports on the effect of vitamin E in patients with hemodialysis. In a similar manner, the chapter of Drs Rayan Ahmed and Paul W. Sylvester describe g-Tocotrienol, a natural isoform within the vitamin E family of compounds, which displays potent antiproliferative, apoptotic and reversal of epithelial-to-mesenchymal-transition activity against breast cancer, employing treatment doses that have little or no effect on normal cell viability. The chapter by Milka Mileva and Angel S. Galabov describes how vitamin E could be recommended as a reliable agent, indeed as a component in multiorgan flu therapy. Last, Dr Juan José Godina-Nava and others describe the cytoprotector effect of the 120-Hz electromagnetic fields in early hepatocarcinogenesis.

⇒ Ausführliche Angaben: HT020309075

Moran, Arik: Kingship and Polity on the Himalayan Borderland: Rajput Identity during the Early Colonial Encounter
English. Inhaltliche Zusammenfassung: This book explores the modern transformation of state and society in the Indian Himalaya. Centred on three Rajput-led kingdoms during the transition to British rule (c. 1790-1840) and their interconnected histories, it demonstrates how border making practices engendered a modern reading of tradition that informs communal identities to date. By revising the history of these mountain kings on the basis of extensive archival, textual, and ethnographic research, it offers an alternative to popular and scholarly discourses that grew with the rise of colonial knowledge. This revision ultimately points to the important contribution of borderland spaces to the fabrication of group identities.

⇒ Ausführliche Angaben: HT020309807

Moran, Niamh / Kerrigan, Steve: The Non-Thrombotic Role of Platelets in Health and Disease
English. Inhaltliche Zusammenfassung: Platelets play a key role in thrombosis and haemostasis. However recent evidence clearly demonstrates that the functional role of platelets extends to many other processes in the body. With an internationally recognised list of contributing authors, The Non-Thrombotic Role of Platelets in Health and Disease, is a unique and definitive source of state-of-the-art knowledge about the additional role of platelets outside thrombosis and haemostasis. The intended audience for The Non-Thrombotic Role of Platelets in Health and Disease includes platelet biologists, microbiologists, immunologists, haematologists, oncologists, respiratory physicians, cardiologists, neurobiologists, tissue engineers, as well as students and fellows in these areas.
Morelli, Anne / Poulat, Émile / Daled, Pierre Frédéric: La sacralisation du pouvoir
French. Inhaltliche Zusammenfassung: Louvrage est né d’une réflexion de caractère historique portant sur les modes d’articulation, dans la société civile, d’une théologie politique. Cette dernière n’a pas été examinée du point de vue théorique, en particulier dans le cadre classique des relations de l’Église et de l’État, mais sous un angle anthropologique. Ce sont donc toutes les formes de manifestation d’un donné à voir qui sont ici concernées: gestes, formes, rituels, mises en scène, par lesquels le pouvoir tente de d’affirmer sa légitimation.
⇒ Ausführliche Angaben: HT020307997

Moreno, Abel: Protein Crystallization under the Presence of an Electric Field
eng. Inhaltliche Zusammenfassung: This book entitled “Protein Crystallization under the Presence of an Electric Field” covers recent trends and original contributions on the use of electric fields (internal and external) for applications for nucleation control and the effect on the kinetics of crystallization processes. This book also includes basic strategies for growing crystals of biological macromolecules for characterization via X-ray and neutron diffraction as well as using modern X-ray-free electron-lasers. There are six main topics covered on this book, including recent insights into the crystallization process from nucleation and growth peculiarities, when using different kinds of electric fields; the effect of external electric fields on the kinetics of the dislocation-free growth of model proteins; the use of very strong external electric fields for the crystallization of a model protein glucose isomerase; and the use of alternating electric fields using different kinds of pulses and their combination with strong magnetic fields. There are also contributions related to applications in developing electron-transfer devices as well as graphene-based platforms for electrocrystallization and in situ X-ray diffraction characterization.
⇒ Ausführliche Angaben: HT020307435

Moreno-Piraján, Juan Carlos: Calorimetry - Design, Theory and Applications in Porous Solids
English. Inhaltliche Zusammenfassung: Today, calorimetry is considered an art (although some consider it a tool) that studies the energy changes that occur during a change of state. This allows physicochemical analysis to study in detail the thermodynamic systems and to evaluate the different variables that establish the characteristics of the system itself. This book illustrates how the reader can use this technique in a wide spectrum of applications.
⇒ Ausführliche Angaben: HT020308854

Moreno-Pirajan, Juan Carlos: Thermodynamics - Interaction Studies - Solids, Liquids and Gases
English. Inhaltliche Zusammenfassung: Thermodynamics is one of the most exciting branches of physical chemistry which has greatly contributed to the modern science. Being concentrated on a wide range of applications of thermodynamics, this book gathers a series of contributions by the finest scientists in the world, gathered in an orderly manner. It can be used in post-graduate courses for students and as a reference book, as it is written in a language pleasing to the reader. It can also serve as a reference material for researchers to whom the thermodynamics is one of the areas of interest.
⇒ Ausführliche Angaben: HT020307793

Morese, Rosalba / Stanziano, Mario / Palermo, Sara: Parkinsons Disease and Beyond - A Neurocognitive Approach
Moretti, Davide Vito: Update on Dementia
English. Inhaltliche Zusammenfassung: The dementia challenge is the largest health effort of the times we live inches The whole society has to move to a realization of the significance of prioritization to make an attempt in the direction of mental health promotion and dementia risk reduction. New priorities for research are needed to go far beyond the usual goal of constructing a disease course-modifying medication. Moreover, a full empowerment and engagement of men and women living with dementia and their caregivers, overcoming stigma and discrimination should be promoted. The common efforts and the final aim will have to be the progress of a dementia-constructive world, where people with dementia can take advantage of equal opportunities.
⇒ Ausführliche Angaben: HT020308036

Morgan, Lee Roy: New Approaches to the Management of Primary and Secondary CNS Tumors
English. Inhaltliche Zusammenfassung: Several new concepts are reviewed and discussed in this book and allude to the transport of drugs bound to red blood cells into the vascular blood-brain barrier and into cancer cells. Such a transport system is novel and of potential therapeutic potential. It is the goal of this book to provide information and data that will be useful for others to develop new approaches for the management of CNS malignancies.
⇒ Ausführliche Angaben: HT020308202

Morote, Francisco Antonio García / Viana, Helder Filipe dos Santos: New Perspectives in Forest Science
English. Inhaltliche Zusammenfassung: Forest management should allow the sustainable use of forests. This is only possible through solid knowledge in the disciplines that forest science encompasses. The readers of New Perspectives in Forest Science have an excellent source of information on actual trends of forest research and knowledge about the use of forest and landscape. This book has been written by specialists focusing on the following aspects of forest science: C cycle, biomass, forest restoration, forest resources and biodiversity. The authors of this book are of different nationalities and specialties, thus providing diverse perspectives on the subject of forestry. We hope that the chapters of this book can serve both students and researchers, as excellent guides to improve their knowledge on forest science.
⇒ Ausführliche Angaben: HT020308671

Morrison, John C.: Preterm Birth - Mother and Child
English. Inhaltliche Zusammenfassung: While there are many studies and books regarding preterm birth, both the obstetric and in the neonatal/pediatric literature, what is missing is the integration of data from obstetrics through neonatal course and into pediatrics as the neonate transverses childhood. A continued dialogue between specialties is essential in the
battle against preterm birth in an attempt to relieve the effects or after-effects of preterm birth. For all of our medical advances to date, preterm birth is still all too common, and its ramifications are significant for hospitals, families and society in general.

⇒ Ausführliche Angaben: HT020307830

Morsi, Badie I. / Basha, Omar M.: Laboratory Unit Operations and Experimental Methods in Chemical Engineering
English. Inhaltliche Zusammenfassung: This book covers a wide variety of topics related to the application of experimental methods, in addition to the pedagogy of chemical engineering laboratory unit operations. The purpose of this book is to create a platform for the exchange of different experimental techniques, approaches and lessons, in addition to new ideas and strategies in teaching laboratory unit operations to undergraduate chemical engineering students. It is recommended for instructors and students of chemical engineering and natural sciences who are interested in reading about different experimental setups and techniques, covering a wide range of scales, which can be widely applied to many areas of chemical engineering interest.

⇒ Ausführliche Angaben: HT020309043

Mortier, Roland / Sheu, Ling-Ling: Voltaire et Rousseau dans le théâtre de la Révolution française (1789-1799)

⇒ Ausführliche Angaben: HT020309769

Morton, Katherine: International Aid and Chinas Environment
English. Inhaltliche Zusammenfassung: Rapid economic growth in the worlds most populous nation is leading to widespread soil erosion, desertification, deforestation and the depletion of vital natural resources. The scale and severity of environmental problems in China now threaten the economic and social foundations of its modernization. Using case studies, Morton analyzes the relationship between international and local responses to environmental problems in China, challenging the prevailing wisdom that weak compliance is the only constraint upon local environmental management in China. It advances two interrelated discussions: first, it constructs a conceptual framework for understanding the key dimensions of environmental capacity. This is broadly defined to encompass the financial, institutional, technological and social aspects of environmental management. Second, the book presents the results of an empirical inquiry into the implementation of donor-funded environmental projects in both Chinas poorer and relatively developed regions. By drawing upon extensive fieldwork, it seeks to explain how, and under what conditions, international donors can strengthen Chinas environmental capacity, especially at the local level. It will be of interest to those studying Chinese politics, environmental studies and international relations.

⇒ Ausführliche Angaben: HT020310220

Moschandreou, Terry E.: Differential Equations - Theory and Current Research
English. Inhaltliche Zusammenfassung: The editor has incorporated contributions from a diverse group of leading researchers in the field of differential equations. This book aims to provide an overview of the current knowledge in the field of differential equations. The main subject areas are divided into general theory and applications. These include fixed point approach to solution existence of differential equations, existence theory of differential equations of arbitrary order, topological methods in the theory of ordinary differential equations, impulsive fractional differential equations with finite delay and integral boundary conditions, an extension of Masseras theorem for n-dimensional stochastic differential equations, phase portraits of cubic dynamic systems in a Poincare circle, differential equations arising from the three-variable Hermite polynomials and computation of their zeros and reproducing kernel method for differential equations. Applications include local discontinuous Galerkin method for nonlinear Ginzburg-Landau equation, general function method in transport boundary value problems of theory of elasticity and solution of nonlinear partial differential equations by new Laplace variational iteration method. Existence/uniqueness theory of differential equations is presented in this book with applications that will be of benefit to mathematicians, applied mathematicians and researchers in the field. The book is written primarily for those who have some knowledge of differential equations and mathematical analysis. The authors of each section bring a strong emphasis on theoretical foundations to the book.

⇒ Ausführliche Angaben: HT020308728

Moser, Charles A.: A History of Bulgarian Literature 865-1944
English.
⇒ Ausführliche Angaben: HT020309975

Moser, Karin: Der österreichische Werbefilm. Die Genese eines Genres von seinen Anfängen bis 1938
German. Inhaltliche Zusammenfassung: Filmed commercials are part of the culture of remembrance and of corporate and film history. When did this form of advertising begin? Who were the first sponsors and were advertising films made differently at that time than now? The monograph addresses these questions using the example of Austria. Starting from the early period of cinematography, it researches the development and establishment of the genre of the commercial in Austria until 1938.
⇒ Ausführliche Angaben: HT020309958

Moser, Philipp: The functional home workout guide/ 42 effektive Workout Hacks
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
- 610DNB 610DNB
⇒ DDC (Dewey Decimal Classification):
- 61023sdbn 61023sdbn
⇒ Ausführliche Angaben: HT020311519

Mosley, Paul / David, Hulme: Finance Against Poverty: Volume 2
English. Inhaltliche Zusammenfassung: Over the last decade, the theory that poverty in the worlds poorest regions could be alleviated by providing small loans to micro-entrepreneurs has become increasingly popular. This volume examines the effectiveness of this theory when put into practice. The book presents empirical evidence drawn from comparative experiences
in seven developing countries and produces some startling conclusions. This work should be essential reading for all those interested in development, poverty-reduction, social welfare and finance. Volume One provides a detailed analysis of this theory and offers policy recommendations for practitioners in the field.

⇒ Ausführliche Angaben: HT020310253

Mou, Chengbo / Xu, Fei: Selected Topics on Optical Fiber Technologies and Applications

English. Inhaltliche Zusammenfassung: This book is a collection of contributions by selected active researchers in the optical fiber fields highlighting the design, fabrication, and application of optical fibers and fiber systems and covering various topics such as microstructured optical fibers, polymer fibers, nonlinear effects, optical tweezers, and gyroscopic systems. The goal of the book is to provide an updated overview of the current research trends in the optical fiber fields, serving as a general reference for the recent development in optical fiber technologies, though inevitably many topics are not covered.

⇒ Ausführliche Angaben: HT020308576

Mouëllic, Gilles: Improvising Cinema

French|English. Inhaltliche Zusammenfassung: This spirited volume explores the history and diversity of improvisation in the cinema, including works by Jean Renoir, Jean-Luc Godard, and Nobuhiro Suwa. Gilles Mouëllic examines improvisational practices that can be specifically attributed to the cinema and argues in favors of their powers as instigators of unprecedented forms of expression. Improvising Cinema reflects both on the permanence of attempting improvisation and the relationship between technology and aesthetics. Mouëllic concludes preservation becomes even more invaluable in the case of improvisation, as the creative act exists only within the brief time span of the performance.

⇒ Ausführliche Angaben: HT020309823

Moulaert, Frank / Schreurs, Jan / Huybrechts, Liesbeth: Participatiegolven


⇒ Ausführliche Angaben: HT020310391

Mowitt, John / Boguska, Rebecca / Hediger, Vinzenz: Tracks from the Crypt

English. Inhaltliche Zusammenfassung: David Bowie’s 2015 Blackstar has been understood by critics and fans alike to have a certain valedictory status. For them, perhaps for us, it
is a 39-minute and 13-second farewell. A long goodbye. My angle is different. By situating
the Bowie/Renck collaboration on "Lazarus" in the context of a meditation on the question
once posed by Georg Stanitzek, "Was ist Kommunikation?" I consider the CD and the video
as experiments in re-configuration. More specifically, by thinking about the distinctly cine-
matic iteration of the question of communication (citing here Captain’s "what we have here
is ... failure to communicate” from Cool Hand Luke) I propose that mediated communication
embodies the Ich/Es modality of dialogue disparaged by Martin Buber. What this invites us
to consider is whether "Lazarus" in particular isn’t the generation of an audiovisual tombeau
from which or out of which communication strains are to be heard. Is it "saying" farewell? Is
it "saying" anything? By drawing on Jacques Derrida’s appropriation of the crypt in the work
of Abraham and Torok, I propose that "Lazarus" manages (and the feat is neither small nor
insignificant) to communicate nothing. In effect, "Lazarus" is the very sound, not of a failure
to communicate, but of a "speaking" emptied of what protects it from mediation. Here, Bowie’s
gnomic persona assumes a political valence not typically ascribed to it.

Moynihan, Gary P.: Contemporary Issues and Research in Operations Management
English. Inhaltliche Zusammenfassung: Operations management (OM) is the function con-
cerned with the planning, design, implementation, and control of business operations in the
production of goods and services. OM has expanded from its original factory-centric orienta-
tion to encompass the service industry and the respective, accompanying supply chains,
with a broad, global range of applications, increasing reliance on quantitative analysis, and
the development and the use of supporting computer-based information systems and technol-
ogy. This book highlights some critical aspects and advances in the field of operations
management. Topics covered include investigations in the area of sustainable supply chain
management; the application of OM principles to the deployment of field laboratories to ad-
dress epidemics; and novel approaches to applying operations management in response to
increasingly diverse requirements, circumstances, and performance criteria.

Mozsik, Gyula: Adenosine Triphosphate in Health and Disease
English. Inhaltliche Zusammenfassung: This book covers a very important research field; spe-
cifically, it tries to decrease the gap between theoretical and clinical research. The tendency of
world research is to gain a detailed insight into the living organs of animals and humans. Ho-
ever, we must not lose sight of the problems that these organs can present; for example, we
need to understand their molecular and biochemical mechanisms, as well as new drug pro-
ductions to counteract diseases. Very deep mechanisms can offer new therapeutic pathways
in hematology and oncology, among other fields. However, at least 8-10 years of further clinical
studies are necessary to make a final decision regarding the real clinical importance of basic
research. Ideally, an interdisciplinary efforts among basic and clinical researchers are neces-
sary in common research fields. At the same time, genetic research is increasing dramatically
(e.g. enzyme mutations). The primary aim of this book is to demonstrate how such research
can be used in both fields. This book gathers knowledge from experts in basic and clinical
science, biochemistry, pharmacology, molecular pharmacology, genetics, and other fields.

Mozsik, Gyula: Capsaicin and its Human Therapeutic Development
English. Inhaltliche Zusammenfassung: The enormous field of this topic is clearly shown by
the following facts: during the last ten years (2007-2016) around 500 papers/ year and 523
review articles are listed in the PubMed database on capsaicin, and over 200/year are under
keywords of capsaicin human. Recently, two major studies on the mortality of consumers of
spicy food containing capsaicin and nonconsumers (over 350000 men and women aged 30-79
with heart disease, cancer, and stroke at baseline over 3.5 million person-years, 2004-2013)
showed that the relative risk in total mortality was reduced by 14% in 10 diverse geographic areas of China (2015). Similarly, in the USA, (16,179 participants during over 2,70,000 person/year with the median of 18.9 years) the total mortality was reduced by 13% in populations consuming hot chili (2017). Recently, the book series Progress in Drug Research the 68th volume dealt for the first time on Capsaicin as a Therapeutic Molecule (Springer, Basel, 2014). Five excellent chapters are found in this book dealing with procedures of capsaicin from capsicum plants, emerging technologies to improve capsaicin delivery, capsaicinoid diversity and its human food preference, capsaicin and lipid metabolism, and predictors in treatment response to capsaicin. The results of these observations clearly indicate that the capsaicin research has changed direction to include human medical treatment with capsaicin. The book gathers knowledge from experts in basic and clinical sciences, pharmacologists, in the nutrition and food industry, in the drug industry, technologists, plant cultivators, as well as experts across a wide scale of medical branches.

⇒ Ausführliche Angaben: HT020308893

Mózsik, Gyula: Constipation
English. Inhaltliche Zusammenfassung: Constipation is a problem with multifactorial origin that affects both children and adults. It is a difficult problem to treat because there is no clear diagnostic criteria and there are only limited therapeutic options. This book presents information on constipation, including pathology, diagnosis, imaging, nutrition, and management, among other topics. It is written for physicians and interested readers alike.

⇒ Ausführliche Angaben: HT020309509

Mozsik, Gyula: The Gut Microbiome - Implications for Human Disease
English. Inhaltliche Zusammenfassung: In the last decades, the importance of gut microbiome has been linked to medical research on different diseases. Developments of other medical disciplines (human clinical pharmacology, clinical nutrition and dietetics, everyday medical treatments of antibiotics, changes in nutritional inhabits in different countries) also called attention to study the changes in the gut microbiome. This book contains five excellent review chapters in the field of gut microbiome, written by researchers from the USA, Canada, China, and India. These chapters present a critical review about some clinically important changes in the gut microbiome in the development of some human diseases and therapeutic possibilities (liver disease, cardiovascular diseases, brain diseases, gastrointestinal diseases). The book brings to attention the essential role of gut microbiome in keeping our life healthy. This book is addressed to experts of microbiology, podiatrists, gastroenterologists, internists, nutritional experts, cardiologists, basic and clinical researchers, as well as experts in the field of food industry.

⇒ Ausführliche Angaben: HT020309621

Mravicic, Ivana: Eye Motility
English. Inhaltliche Zusammenfassung: Visual processing refers to the ability to perceive three-dimensional images. To accomplish this, our eyes have to be perfectly tuned and work together. Each eye perceives a slightly different image that the brain then has to unite into a single three-dimensional picture. This book explains the motor and sensory steps necessary for forming binocular and stereo vision, discusses tests to assess the different steps and describes disruptions that can occur in the eyes and the brain. Because of the sensitivity of the developing childs eye, the book also addresses the assessment of childrens vision. This book will appeal to ophthalmologists, paediatricians, neurologists and other interested readers.

⇒ Ausführliche Angaben: HT020309432

Mubarak, Ahmed T. / Awwad, Nasser S.: Lanthanides
English. Inhaltliche Zusammenfassung: This edited book Lanthanides is a collection of research chapters, offering an excellent review of recent applications in our lives. It consists of a number of interesting chapters by scientists and researchers from different parts of the world. The book is divided into six chapters. The first chapter is a short introduction that explains the nature and purpose of the book and the logic and significance of its contents. In the second chapter, Katarzyna Kiegiel and others introduce novel apparatus solutions, for example membrane contactors in the extraction stage and different types of matrices (uranium ore, phosphorites, et cetera). The third chapter by Dariusz Sala and Bogusław Bieda from AGH University of Science and Technology, Management Department, Poland, describes the development of the life cycle inventory to rare earth elements (REEs) based on secondary sources, conducted according to ISO 14040 (2006) guidelines. Chapter 4 concentrates on lanthanide soil chemistry and shows how the soil chemistry of REEs may support soil science investigations. Dmitry V. Ladonin in Chapter 5 studies the content of forms of lanthanides in soddy-calcareous soils at different distances from the Cherepovets steel mill (Vologda region, Russia). The author concludes that the individual properties of lanthanides are clearly manifested in their interaction with soil components. The largest part of the fraction, bound to organic matter, contains medium lanthanides, while the heavy lanthanides are bound to Fe and Mn (hydr)oxides. The last chapter discusses ecological and physiological impacts of lanthanides on algae as primary producers in aquatic environments. This book will definitely encourage readers, researchers, and scientists to look further into the frontier topics of lanthanides and opens new possible research paths for further novel development.

⇒ Ausführliche Angaben: HT020309200

**Muchlisin, Zainal Abidin: Aquaculture**
English. Inhaltliche Zusammenfassung: This book provides an understanding on a large variety of aquaculture related topics. The book is organized in four sections. The first section discusses fish nutrition second section is considers the application of genetic in aquaculture; section three takes a look at current techniques for controlling lipid oxidation and melanosis in Aquaculture products. The last section is focused on culture techniques and management, which is the larger part of the book. The book chapters are written by leading experts in their respective areas. Therefore, I am quite confident that this book will be equally useful for students and professionals in aquaculture and biotechnology.

⇒ Ausführliche Angaben: HT020307833

**Mueller, Alain: Construire le monde du hardcore**
French. Inhaltliche Zusammenfassung: An invitation to an ethnographic journey in the world of hardcore punk and beyond, this study explores the plurality of practices underlying the existence of this 'music-based subculture.' Based on a fine-grained, in-depth multi-sited and mobile ethnographic study of more than ten years, this journey brings the reader to the most local galleries of this underground scene. From the umpteenth basement of a Yokohama club to a shack in the middle of the University of San Diego, via Gothenburg, Tokyo, Geneva or Lyon, a whole repertoire of aesthetic, ideological, discursive and bodily logics and conventions is uncovered and analyzed. Hardcore punk, a radical reinterpretation of punk, both from a musical and an ideological point of view, first appeared on the East Coast of the United States in the early 1980s. Although it has since spread on a (quasi-)global scale, it remains unknown to the general public and has attracted little interest from the social sciences or the press, with rare exceptions focusing on its most spectacular aspects: exacerbated aggression, electric music, ideological positions in strong opposition to the 'dominant system.' This monograph intends to go beyond these caricatural representations and adopts an anthropological perspective on the daily lives of so-called hardcore-kids, but also on all the collective mediations deployed to build the world of hardcore punk.

⇒ Ausführliche Angaben: HT020307629

**Müller, Gesine / Siskind, Mariano: World Literature, Cosmopolitanism, Globality. Beyond, Against, Post, Otherwise**
In view of the current crisis of globalization, this book aims to interrogate one of its key concepts in the past decades: World Literature. In a historical moment where the established focus on transnational identities, linguistic intersections, and other cosmopolitan cultural configurations is being challenged, the contributions of this volume explore possible adjustments, critiques, reconceptualizations, or refutations of World Literature.

Müller, Sophus: Urgeschichte Europas. Grundzüge einer prähistorischen Archäologie
German.

Münkler, Herfried: Clausewitz Theorie des Krieges

Muenstermann, Ingrid: Peoples Movements in the 21st Century - Risks, Challenges and Benefits
English. Inhaltliche Zusammenfassung: The UNHCR assures us that never before have there been so many people on the move at the same time, mainly because of war-inflicted circumstances. Authors from different reputed institutions share their knowledge on this open-access platform to disseminate their knowledge at the global level. This book captures issues involved in meeting the challenges of peoples movements in the twenty-first century. It explores attitudes of previously colonized people in a post-colonial period, analyses food insecurity in Canada, quality of life of elderly Turkish and Polish migrants in Germany, suicidal behaviours of immigrants admitted to an Italian-teaching hospital, and migration from a public healthcare perspective and points to the problem of tuberculosis among immigrants. Challenges of a more personal nature relate to second-language learning and acculturation of Brazilian migrants in Portugal and Asians as model minorities. Empirical evidence of why immigrants leave Norway is provided, and there is a discussion on the new actors of international migration (foreign students). This book closes with the voices of trailing women when it comes to the decision to emigrate. The collective contributions from experts attempt to provide updates regarding ongoing research and developments pertaining to migration.

Muenstermann, Ingrid: Social Responsibility
English. Inhaltliche Zusammenfassung: With globalisation on the rise and capitalism expanding, social responsibility, corporate as well as individual social responsibility, plays an important part to save the natural environment and improve the lives of citizens. But how responsibly do corporations and ordinary citizens act in order to meet the demands of our fast-changing world? Authors from different universities contribute their knowledge on this open-access platform to be shared at a global level. This book starts off by contemplating whether the concept of world society could be an ice-breaker for a global shift in sociology (Wittmann); it critically assesses social responsibility of Spanish university students (Ramos).
discusses professional social responsibility in engineering (Bielefeldt), looks at conflicts in Kenya’s mining industry (Abuya) and evaluates the public healthcare system in Italy (Comite) and the corporate and consumer social responsibility in the Italian food industry (Boccia and Covino). The book also includes guidelines for managers who want to enter the corporate world (Gorondutse and Hilman) and ends with a chapter examining Chinese consumers attitudes towards counterfeit goods (Kozar and Huang). The collective contributions of these experts provide updates regarding ongoing research and developments in relation to the urgent need for improved social responsibility.

⇒ Ausführliche Angaben: HT020308832

Muhammad, Masdi / Mokhtar, Ainul Akmar: Industrial Engineering
English. Inhaltszusammenfassung: Businesses across the world are aiming for increased productivity and greater efficiency. This can be achieved through the knowledge of industrial engineering, which is a systematic approach to streamlining the business process. This book presents the current state of the art of industrial engineering and provides useful information to those who wish to optimize their business practices while increasing customer service and quality.

⇒ Ausführliche Angaben: HT020309371

Mujeebu, Muhammad Abdul: Indoor Environmental Quality
English. Inhaltszusammenfassung: This book deals with indoor environmental quality (IEQ), which encompasses diverse factors that affect human life inside a building. These factors include indoor air quality (IAQ), lighting, acoustics, drinking water, ergonomics, electromagnetic radiation, and so on. Enhanced environmental quality can improve the quality of life and productivity of the occupants, increase the resale value of the building, and minimize the penalties on building owners. The book covers an overview of IEQ and its research progress, IAQ and its monitoring, the best indoor illumination scenes, IEQ in healthcare buildings, and acoustic comfort in residential buildings and places of worship. This book is expected to benefit undergraduate and postgraduate students, researchers, teachers, practitioners, policy makers, and every individual who has a concern for healthy life.

⇒ Ausführliche Angaben: HT020309273

Mukherjee, Amitava: Biomimetics Learning from Nature
English. Inhaltszusammenfassung: Nature’s evolution has led to the introduction of highly efficient biological mechanisms. Imitating these mechanisms offers an enormous potential for the improvement of our day to day life. Ideally, by bio-inspiration we can get a better view of nature’s capability while studying its models and adapting it for our benefit. This book takes us into the interesting world of biomimetics and describes various arenas where the technology is applied. The 25 chapters covered in this book disclose recent advances and new ideas in promoting the mechanism and applications of biomimetics.

⇒ Ausführliche Angaben: HT020309545

Mukherjee, Moumita: Silicon Carbide - Materials, Processing and Applications in Electronic Devices
English. Inhaltszusammenfassung: Silicon Carbide (SiC) and its polytypes, used primarily for grinding and high temperature ceramics, have been a part of human civilization for a long time. The inherent ability of SiC devices to operate with higher efficiency and lower environmental footprint than silicon-based devices at high temperatures and under high voltages pushes SiC on the verge of becoming the material of choice for high power electronics and optoelectronics. What is more important, SiC is emerging to become a template for graphene fabrication, and a material for the next generation of sub-32nm semiconductor devices. It is thus increasingly clear that SiC electronic systems will dominate the new energy and
transport technologies of the 21st century. In 21 chapters of the book, special emphasis has been placed on the “materials” aspects and developments thereof. To that end, about 70% of the book addresses the theory, crystal growth, defects, surface and interface properties, characterization, and processing issues pertaining to SiC. The remaining 30% of the book covers the electronic device aspects of this material. Overall, this book will be valuable as a reference for SiC researchers for a few years to come. This book prestigiously covers our current understanding of SiC as a semiconductor material in electronics. The primary target for the book includes students, researchers, material and chemical engineers, semiconductor manufacturers and professionals who are interested in silicon carbide and its continuing progression.

⇒ Ausführliche Angaben: HT020307786

**Mullett, Michael: Luther**
English. Inhaltliche Zusammenfassung: Luther provides a clear exposition of the state of German politics on the eve of the Reformation. Dr Mullett concentrates particularly on the evolution of Luther’s thought and its central preoccupation with re-aligning the church’s theology with that of the New Testament.

⇒ Ausführliche Angaben: HT020310203

**Mullineux, Andy / Lierman, Frank / Balling, Morten: Competition and Profitability in European Financial Services**
English. Inhaltliche Zusammenfassung: Financial services firms play a key role in the European economy. The efficiency and profitability of these firms and the competition among them have an impact on allocation of savings, financing of investment, economic growth, the stability of the financial system and the transmission of monetary policy. This collection of research contributions includes evaluations of trends in the European financial service industry and examinations of the driving forces of efficiency, competition and profitability of financial firms and institutions in Europe. The papers have been written by leading academics and researchers in the field, who specialize in strategic, systematic and policy issues related to the European financial services industry. This edited collection will be will be essential reading for students and academics but will also be of interest to financial practitioners and government officials interested in acquiring a deeper understanding of this complex issue.

⇒ Ausführliche Angaben: HT020310287

**Munday, Philip L. / Doney, Scott C. / Nagelkerken, Ivan: H5 Consequences of Anthropogenic Changes in the Sensory Landscape of Marine Animals**
English. Inhaltliche Zusammenfassung: Human activities are altering a wide range of key marine cues at local and global scales, and it is important to know how animals may respond. Species survival and performance depend on the ability of individuals to successfully extract and interpret information from their environment about preferred abiotic conditions and the presence of prey, predators, competitors, mates and suitable habitats. Such information is made available via a wide range of abiotic and biotic cues that can be detected by organisms through various sensory modalities. Global anthropogenic changes, however, are rapidly altering the sensory landscape (‘cuescape’) and behaviour of animals by modifying the production, transmission and interpretation of critical natural cues, as well as introducing novel anthropogenic cues. To date, most studies have focussed on how animals respond to such changes rather than investigating how the cues themselves are changing.--.

⇒ Ausführliche Angaben: HT020307540

**Muneta, Luisa Martinez / Rey, Gregorio Romero: Electrical Generation and Distribution Systems and Power Quality Disturbances**
The utilization of renewable energy sources such as wind energy, or solar energy, among others, is currently of greater interest. Nevertheless, since their availability is arbitrary and unstable this can lead to frequency variation, to grid instability and to a total or partial loss of load power supply, being not appropriate sources to be directly connected to the main utility grid. Additionally, the presence of a static converter as output interface of the generating plants introduces voltage and current harmonics into the electrical system that negatively affect system power quality. By integrating distributed power generation systems closed to the loads in the electric grid, we can eliminate the need to transfer energy over long distances through the electric grid. In this book the reader will be introduced to different power generation and distribution systems with an analysis of some types of existing disturbances and a study of different industrial applications such as battery charges.

Muneta, Luisa Martinez / Rey, Gregorio Romero: Modelling, Simulation and Optimization

English. Inhaltsliche Zusammenfassung: Computer-Aided Design and system analysis aim to find mathematical models that allow emulating the behaviour of components and facilities. The high competitiveness in industry, the little time available for product development and the high cost in terms of time and money of producing the initial prototypes means that the computer-aided design and analysis of products are taking on major importance. On the other hand, in most areas of engineering the components of a system are interconnected and belong to different domains of physics (mechanics, electrics, hydraulics, thermal...). When developing a complete multidisciplinary system, it needs to integrate a design procedure to ensure that it will be successfully achieved. Engineering systems require an analysis of their dynamic behaviour (evolution over time or path of their different variables).

Muneta, Luisa Martinez / Rey, Gregorio Romero: Power Quality Harmonics Analysis and Real Measurements Data

English. Inhaltsliche Zusammenfassung: Nowadays, the increasing use of power electronics equipment origins important distortions. The perfect AC power systems are a pure sinusoidal wave, both voltage and current, but the ever-increasing existence of non-linear loads modify the characteristics of voltage and current from the ideal sinusoidal wave. This deviation from the ideal wave is reflected by the harmonics and, although its effects vary depending on the type of load, it affects the efficiency of an electrical system and can cause considerable damage to the systems and infrastructures. Ensuring optimal power quality after a good design and devices means productivity, efficiency, competitiveness and profitability. Nevertheless, nobody can assure the optimal power quality when there is a good design if the correct testing and working process from the obtained data is not properly assured at every instant; this entails processing the real data correctly. In this book the reader will be introduced to the harmonics analysis from the real measurement data and to the study of different industrial environments and electronic devices.

Munn, Luke: Ferocious Logics: Unmaking the Algorithm

English. Inhaltsliche Zusammenfassung: Contemporary power manifests in the algorithmic. And yet this power seems incomprehensible: understood as code, it becomes apolitical; understood as a totality, it becomes overwhelming. This book takes an alternate approach, using it to unravel the operations of Uber and Palantir, Airbnb and Amazon Alexa. Moving off the whiteboard and into the world, the algorithmic must negotiate with frictions-the 'merely' technical routines of distributing data and running tasks coming together into broader social
forces that shape subjectivities, steer bodies, and calibrate relationships. Driven by the imperatives of capital, the algorithmic exhausts subjects and spaces, a double move seeking to both exhaustively apprehend them and exhaust away their productivities. But these on-the-ground encounters also reveal that force is never guaranteed. The irreducibility of the world renders logic inadequate and control gives way to contingency.

Mura, Ladislav: Entrepreneurship - Development Tendencies and Empirical Approach
English. Inhaltsliche Zusammenfassung: In context of entrepreneurship, this book was motivated by a desire of a team of well-known authors. The book consists of 23 closely related thematic contributions, which fall into 4 separate sections: Interactions between Economy and Entrepreneurship; Innovation in Entrepreneurship and Economic Growth; Current Trends in Family Business, Social Entrepreneurship and Responsibility; and The Role of Human Resource Management, Education and Gender in Entrepreneurship. Authors-contributors have submitted the results of their recent research and presented essential findings about the decision-making process of entrepreneurs in order to maintain their businesses competitive. The reader can get an insight into the selection of the best scientific contributions that have been reviewed and ready for debate. Our piece of work, Entrepreneurship: Development Tendencies and Empirical Approach, has interdisciplinary features. This work by authors from different countries - Finland, Germany, Czech Republic, Slovakia, Italy, Spain, Turkey and Malaysia - is dedicated to readers providing up-to-date research data and background for further research as well as implementation techniques in business practice.

Mura, Ladislav: Issues of Human Resource Management
English. Inhaltsliche Zusammenfassung: The book Issues of Human Resource Management, written by well-known authors, is a result of a teamwork of specialists who have been dealing with the issue of managing human resources in different contexts. The authors from Germany, Spain, Turkey, Slovakia and Romania have submitted results of their current research and have presented important findings that are becoming a starting point for making managers decision so that their businesses can be competitive. You have put your hands on a selection of the best scientific contributions that have been reviewed and now are offering a space for an active debate on partial issues of the given topic. The authors in their work examined also the factors of psychology applied in HRM, the organisation of companies and its impact on human resource management, workers motivation and incentives and investment into human resources development; they searched the field of human resource management in family businesses, the quality of relationship in a workplace and specifics of human resource management in non-governmental organisation.

Muravska, Tatjana / Hardy, Sally / Berkowitz, Peter: EU Cohesion Policy
English. Inhaltsliche Zusammenfassung: The Open Access version of this book, available at http://www.tandfebooks.com/doi/view/10.4324/9781315401867, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 3.0 license. This book brings together academics, members of European institutions, and regional and national level policymakers in order to assess the performance and direction of EU Cohesion policy against the background of the most significant reforms to the policy in a generation. Responding to past criticisms of the effectiveness of the policy, the policy changes introduced in 2013 have aligned European Structural and Investment Funds with the Europe 2020 strategy and introduced measures to improve strategic coherence, performance and integrated development. EU Cohesion Policy: Reassessing performance and direction argues that policy can only be
The chapters in the book address four important issues: the effectiveness and impact of Cohesion policy at European, national and regional levels; the contribution of Cohesion policy to the Europe 2020 strategy of smart, sustainable and inclusive growth; the importance of quality of government and administrative capacity for the effective management of the Funds; and the inter-relationships between institutions, territory and place-based policies. The volume will be an invaluable resource to students, academics and policymakers across economics, regional studies, European studies and international relations.

Murshed, S. M. Sohel: Advanced Cooling Technologies and Applications
English. Inhaltliche Zusammenfassung: Since conventional cooling techniques are increasing falling short of meeting the ever-growing cooling demands of high heat generating devices, thermal systems, and processes, advanced and innovative cooling technologies are of immense importance to deal with such high thermal management. Hence, this book covers a number of key topics related to advanced cooling approaches, their performance, and applications, including: Evaporative air cooling; Spray impingement cooling; Heat pump-based cooling; Modular cooling for photovoltaic plant; Nucleate pool boiling of refrigerants; Transient flashing spray cooling and application; Compressor cooling systems for industry. The book is aimed at a wide variety of people from graduate students and researchers to manufacturers who are involved or interested in the areas of thermal management systems, cooling technologies, and their applications.

Musterd, Sako / Salet, Willem: Amsterdam Human Capital
English. Inhaltliche Zusammenfassung: The changing spatial organization of the city of Amsterdam reflects a larger-scale process: the familiar shape of Western cities is changing across the globe. For centuries, the urban core was taken for granted as the focal point for international contacts and day-to-day activities. The essays collected here consider how urban spaces have been transformed—not only spatially but socially, economically, and culturally—into multi-centered metropolitan arrays, with contributors examining the new urban identities that may emerge from such changing conditions.

Musumeci, Teresa / Pignatello, Rosario: Biomaterials - Physics and Chemistry - New Edition
English. Inhaltliche Zusammenfassung: This contribution book collects five among reviews and original articles from eminent experts working in the interdisciplinary area of biomaterial synthesis and application. From their direct and recent experience, the readers can access the novel and ongoing potentialities of different synthetic and engineered biomaterials. Contributions reflect the fundamental studies, with a particular attention to the physico-chemical mechanical characterization of biomaterials, along with biocompatibility studies and potential clinical use. After an introductory chapter on the question of storage stability for biomaterial-based devices and products and for polymeric nanomedicines, a first review deals with the use and commercial sources of hydroxyapatite in tissue engineering and other biomedical applications. A study follows on optical fiber laser marking on the properties of stainless steel in implant manufacturing. Two other reviews, respectively, focused on the approaches to prevent or treat the effects of calcification that occurs in vivo on biomaterial-based implants and on the encapsulation of pancreatic islet cells for the treatment of type I diabetes will be presented. Finally, an overview on the physical bases and application in biomaterial science of the spray-drying process will close the volume. This setting will allow to achieve a general view of how classical and novel biomaterials can be applied, along with the methodologies necessary to design, develop, and characterize them, without the restrictions necessarily imposed by industrial or profit concerns. Readers will be apprised about the methodologies used to develop
biomaterials possessing the physical and biological properties needed for specific medical and clinical applications.

⇒ Ausführliche Angaben: HT020308674

Muysken, Pieter C. / Smith, Norval: Surviving the Middle Passage: The West Africa-Surinam Sprachbund
English. Inhaltliche Zusammenfassung: The relation between the Surinam Creoles and the languages of West Africa, where slaves who created the creoles originated, has been hotly debated. This book argues that the close relationship can be viewed in terms of a Trans Atlantic Sprachbund. It brings in new historical and linguistic evidence for an extremely close relationship between the creoles, the Gbe languages, and Kikongo, where bilingual practices led to new language forms.

⇒ Ausführliche Angaben: HT020307633

Muzzalupo, Innocenzo: Food Industry
English. Inhaltliche Zusammenfassung: Due to the increase in world population (more than seven billion inhabitants) the global food industry has the largest number of demanding and knowledgeable consumers. This population requires food products that fulfill the high quality standards established by the food industry organizations. Food shortages threaten human health, and also the disastrous extreme climatic events make food shortages even worse. This collection of articles is a timely contribution to issues relating to the food industry. The objective of this book is to provide knowledge appropriate for students, university researchers, and in general, for anyone wishing to obtain knowledge of food processing and to improve the food product quality.

⇒ Ausführliche Angaben: HT020307940

Muzzalupo, Innocenzo: Olive Germplasm - Italian Catalogue of Olive Varieties
English. Inhaltliche Zusammenfassung: The olive (Olea europaea) is increasingly recognized as a crop of great economic and health importance world-wide. Olive growing in Italy is very important, but there is still a high degree of confusion regarding the genetic identity of cultivars. This book is a source of recently accumulated information on olive trees and on olive oil industry. The objective of this book is to provide knowledge which is appropriate for students, scientists, both experienced and inexperienced horticulturists and, in general, for anyone wishing to acquire knowledge and experience of olive cultivation to increase productivity and improve product quality. The book is divided into two parts: I) the olive cultivation, table olive and olive oil industry in Italy and II) Italian catalogue of olive varieties. All chapters have been written by renowned professionals working on olive cultivation, table olives and olive oil production and related disciplines. Part I covers all aspects of olive fruit production, from site selection, recommended varieties, pest and disease control, to primary and secondary processing. Part II contains the chapter on the description of Italian olive varieties. It is well illustrated and includes 200 elaiographic cards with colour photos, graphs and tables.

⇒ Ausführliche Angaben: HT020309587

Muzzalupo, Innocenzo: Olive Germplasm - The Olive Cultivation, Table Olive and Olive Oil Industry in Italy
English. Inhaltliche Zusammenfassung: The olive (Olea europaea) is increasingly recognized as a crop of great economic and health importance world-wide. Olive growing in Italy is very important, but there is still a high degree of confusion regarding the genetic identity of cultivars. This book is a source of recently accumulated information on olive trees and on olive oil industry. The objective of this book is to provide knowledge which is appropriate for students, scientists, both experienced and inexperienced horticulturists and, in general, for
anyone wishing to acquire knowledge and experience of olive cultivation to increase productivity and improve product quality. The book is divided into two parts: I) the olive cultivation, table olive and olive oil industry in Italy and II) Italian catalogue of olive varieties. All chapters have been written by renowned professionals working on olive cultivation, table olives and olive oil production and related disciplines. Part I covers all aspects of olive fruit production, from site selection, recommended varieties, pest and disease control, to primary and secondary processing. Part II contains the chapter on the description of Italian olive varieties. It is well illustrated and includes 200 elaiographic cards with colour photos, graphs and tables. ⇒ Ausführliche Angaben: HT020309586

Mwasiagi, Josphat Igadwa: Self Organizing Maps - Applications and Novel Algorithm Design
English. Inhaltsang: Kohonen Self Organizing Maps (SOM) has found application in practical all fields, especially those which tend to handle high dimensional data. SOM can be used for the clustering of genes in the medical field, the study of multi-media and web based contents and in the transportation industry, just to name a few. Apart from the aforementioned areas this book also covers the study of complex data found in meteorological and remotely sensed images acquired using satellite sensing. Data management and envelopment analysis has also been covered. The application of SOM in mechanical and manufacturing engineering forms another important area of this book. The final section of this book, addresses the design and application of novel variants of SOM algorithms.
⇒ Ausführliche Angaben: HT020307698

Nagata, Mary Louise: Labour Contracts and Labour Relations in Early Modern Central Japan
English. Inhaltsang: Based on a collection of labour contracts and other documents, this book examines the legal, economic and social relations of labour as they developed in the commercial enterprises of Tokugawa Japan. The urban focus is Kyoto, the cultural capital and smallest of the three great cities of the Tokugawa period, but the data comes from a wider region of commercial and castle towns and rural villages in central Japan.
⇒ Ausführliche Angaben: HT020310207

Nagata, Tetsuji: Senescence
English. Inhaltsang: The book Senescence is aimed to describe all the phenomena related to aging and senescence of all forms of life on Earth, id est plants, animals and the human beings. The book contains 36 carefully reviewed chapters written by different authors, aiming to describe the aging and senescent changes of living creatures, id est plants and animals.
⇒ Ausführliche Angaben: HT020307863

Nageswara-Rao, Madhugiri / Sudarshana, Padmini / Soneji, Jaya R.: Tropical Forests
English. Inhaltsang: The astounding richness and biodiversity of tropical forests is rapidly dwindling. This has severely altered the vital biogeochemical cycles of carbon, phosphorus, nitrogen et cetera and has led to the change in global climate and pristine natural ecosystems. In this elegant book, we have defined Tropical Forests broadly, into five different themes: (1) tropical forest structure, synergy, synthesis, (2) tropical forest fragmentation, (3) impact of anthropogenic pressure, (4) Geographic Information System and remote sensing, and (5) tropical forest protection and process. The cutting-edge synthesis, detailed current reviews, several original data-rich case studies, recent experiments/experiences from leading scientists across the world are presented as unique chapters. Though, the chapters differ noticeably in the geographic focus, diverse ecosystems, time and approach, they share
these five important themes and help in understanding, educating, and creating awareness on the role of Tropical Forests for the very survival of mankind, climate change, and the diversity of biota across the globe. This book will be of great use to the students, scientists, ecologists, population and conservation biologists, and forest managers across the globe. The publication of this book was supported by the Secretariat of the Convention on Biological Diversity, United Nations.

Nagpal, Madan L.: Cholesterol - Good, Bad and the Heart
English. Inhaltsangabe: What is this cholesterol? In this book entitled Cholesterol: Good, Bad, and the Heart now you got the answers given by the experts in the field. Moreover, you can explore more by reading the references/citations given in the articles of each chapter. It is still an emerging field and lot more is being discovered. You will be amazed how much knowledge is already there in this book on cholesterol. You will realize that cholesterol is an essential and extremely important building block of cell membranes and thus serves vital functions in the body. I believe this book will be incredibly powerful and useful in teaching to give new perspectives on cholesterol.

Naimee, Kais A. Mohamedamen Al: Chaos Theory
English. Inhaltsangabe: With a good background in nonlinear dynamics, chaos theory, and applications, the author of this leading book gives a systematic treatment of the basic principle of nonlinear dynamics in different fields. The contributions from leading international scientists active in the field provide a comprehensive overview of our current level of background on chaos theory and applications in different sciences. In addition, they show overlap with the traditional field of control theory in scientific community.

Naismith, Rory: Money and Coinage in the Middle Ages
English. Inhaltsangabe: This volume is the first in a new series entitled Reading Medieval Sources, examining different genres of sources in the Middle Ages, and this book focuses on ways of studying medieval money, and the most direct manifestation of money: coinage. It is intended to introduce readers to a range of approaches to a subject that has, traditionally, been seen as somewhat specialised domain of highly technical study which often seems to sit at some remove from the mainstream of historical and archaeological research. One important aim of the chapters offered is to show ways in which money can be incorporated into analysis of the Middle Ages more broadly, both for particular periods and in specific thematic contexts such as art, literature and economic analysis.

Najafpour, Mohammad Mahdi: Advances in Photosynthesis - Fundamental Aspects
English. Inhaltsangabe: Photosynthesis is one of the most important reactions on Earth. It is a scientific field that is the topic of many research groups. This book is aimed at providing the fundamental aspects of photosynthesis, and the results collected from different research groups. There are three sections in this book: light and photosynthesis, the path of carbon in photosynthesis, and special topics in photosynthesis. In each section important topics in the subject are discussed and (or) reviewed by experts in each book chapter.

Nájera, María Eugenia Aguilar / Morales-González, José Antonio: Reflections on Bioethics
**Reflections on Bioethics**

Inhaltliche Zusammenfassung: The book Reflections on Bioethics is an effort that brings together works grouped into five sections: Bioethics and Health, Bioethics and Education, Bioethics and Technology, Bioethics in the Use of Experimental Animals, and Selected Topics of Bioethics. In each of these sections, the fundamental concepts of bioethics and their relationship with each of these branches of knowledge are covered. The purpose is to give the reader a specific document of topics, it is not intended to be a treaty because the study of any of the five sections is very broad. However, this is an effort that manages to combine in interdisciplinary subjects that are fundamental for professionals of all fields of knowledge.

⇒ Ausführliche Angaben: HT020308792

**Najjar, Reza: Application and Characterization of Surfactants**

Inhaltliche Zusammenfassung: The surfactants are among the materials that have a significant importance in everyday life of human. The rapid growth in science and technology has opened new horizons in a very wide range, in which the surfactants play a major and vital role. Hence, the increasing number of applications as well as arising environmental issues has made this relatively old topic still a hot research theme. In the first section of this book, some of the applications of surfactants in various fields such as biology and petroleum industry, as well as their environmental effects, are described. In Section 2 some experimental techniques used for characterization of the surfactants have been discussed.

⇒ Ausführliche Angaben: HT020308338

**Nakagawa, Junji: Managing Development**

Inhaltliche Zusammenfassung: Globalization in the 1990s provided both opportunities and challenges for developing and transition economies. Though for some, it offered the chance to achieve economic growth through active involvement in the integrated and liberalized world economy, it also increased their vulnerability to external shocks and volatility. As a consequence, stakeholders at every level of the development and transition process - international organizations, national governments and the private sector - had to review their strategies in order to adjust to the new world economic environment. As the Mexican peso crisis of 1994-1995 and the Asian financial crisis of 1997-1998 showed dramatically, the cost of maladjustment was not only very high but it also affected many more stakeholders than before, due to the contagious effects of crises. This revealing book analyzes the different methods employed to manage globalization and development. Bringing together an international team of contributors, including Barbara Stallings, Alicia Giron and J. C. Ferraz, it will prove to be a valuable resource for those involved in the fields of development economics and political economy.

⇒ Ausführliche Angaben: HT020310200

**Nakajima, Hironori: Mass Transfer - Advanced Aspects**

Inhaltliche Zusammenfassung: Our knowledge of mass transfer processes has been extended and applied to various fields of science and engineering including industrial and manufacturing processes in recent years. Since mass transfer is a primordial phenomenon, it plays a key role in the scientific researches and fields of mechanical, energy, environmental, materials, bio, and chemical engineering. In this book, energetic authors provide present advances in scientific findings and technologies, and develop new theoretical models concerning mass transfer. This book brings valuable references for researchers and engineers working in the variety of mass transfer sciences and related fields. Since the constitutive topics cover the advances in broad research areas, the topics will be mutually stimulus and informative to the researchers and engineers in different areas.

⇒ Ausführliche Angaben: HT020307795

**Nakamura, Takafumi: System of System Failures**

Inhaltliche Zusammenfassung: The book System of System Failures is an effort that brings together works grouped into five sections: Bioethics and Health, Bioethics and Education, Bioethics and Technology, Bioethics in the Use of Experimental Animals, and Selected Topics of Bioethics. In each of these sections, the fundamental concepts of bioethics and their relationship with each of these branches of knowledge are covered. The purpose is to give the reader a specific document of topics, it is not intended to be a treaty because the study of any of the five sections is very broad. However, this is an effort that manages to combine in interdisciplinary subjects that are fundamental for professionals of all fields of knowledge.
English. Inhaltliche Zusammenfassung: This book provides the application of praxises in the field of engineering safety by learning from previous system failures. And it addresses the most recent developments in the theoretical and practical aspects of these important fields, which, due to their special nature, bring together in a systematic way, many disciplines of engineering, from the traditional to the most technologically advanced. The authors of these chapters are involved in using the system thinking and system engineering approaches at the scale of increased complexity and advanced computational solutions to such systems. The chapters cover the areas such as failure assessment in aeronautical engineering, seismic resistance of offshore pipeline engineering, electrical engineering, critical infrastructure failure, and system of system theory.

⇒ Ausführliche Angaben: HT020308658

Nanai, Laszlo: Nanoscaled Films and Layers
English. Inhaltliche Zusammenfassung: In recent years, scientific investigations and technological developments have resulted in many new results. Direct applications of quantum mechanical laws to system with length scales lower than 100 nm (nano) had opened a way to construction of new equipment in the field i.e. of nano- and optoelectronics. This book fits into this trend summarizing the results related to discoveries and technological applications of nanolayer in different fields of material science and even life science. The chapters are organized into three subfields: <br/>-Preparation and fabrications of nanolayers with different methods. <br/>-Description of recent achievements related to very important III-V heterostructures. <br/>-Descriptions of mechanical, thermal, optoelectronic, photocatalytic, and tribological properties of nanolayered structures. <br/>Some environmentally friendly applications are also treated in this book. The presented book provides a description of specific and original results obtained by authors. We hope that the volume will be of interest for a wide range of readers working in the field of material science.

⇒ Ausführliche Angaben: HT020309644

Napier, Stephen: Uncertain Bioethics
English. Inhaltliche Zusammenfassung: Uncertain Bioethics makes a significant and distinctive contribution to the bioethics literature by culling the insights from contemporary moral psychology to highlight the epistemic pitfalls and distorting influences on our apprehension of value. Stephen Napier also incorporates research from epistemology addressing pragmatic encroachment and the significance of peer disagreement to justify what he refers to as epistemic diffidence when one is considering harming or killing human beings. Napier extends these developments to the traditional bioethical notion of dignity and argues that beliefs subject to epistemic diffidence should not be acted upon. He proceeds to apply this framework to traditional and developing issues in bioethics including abortion, stem cell research, euthanasia, decision-making for patients in a minimally conscious state, and risky research on competent human subjects.

⇒ Ausführliche Angaben: HT020310048

Naraghi, Dr. Mohammad: Carbon Nanotubes - Growth and Applications
English. Inhaltliche Zusammenfassung: Carbon Nanotubes are among the strongest, toughest, and most stiff materials found on earth. Moreover, they have remarkable electrical and thermal properties, which make them suitable for many applications including nanocomposites, electronics, and chemical detection devices. This book is the effort of many scientists and researchers all over the world to bring an anthology of recent developments in the field of nanotechnology and more specifically CNTs. In this book you will find: <br/>- Recent developments in the growth of CNTs <br/>- Methods to modify the surfaces of CNTs and decorate their surfaces for specific applications <br/>- Applications of CNTs in biocomposites such as in orthopedic bone cement <br/>- Application of CNTs as chemical sensors <br/>- CNTs for fuelcells <br/>- Health related issues when using CNTs.

⇒ Ausführliche Angaben: HT020307750
Nascimento, Gustavo Morari do: Raman Spectroscopy
English. Inhaltsliche Zusammenfassung: This book gives a wide overview of the state-of-the-art applications of Raman spectroscopy in characterization of materials and biomaterials. The Raman signal is intrinsically smaller than other vibrational techniques; however, mainly through intensification processes, such as resonance Raman (RR) and surface-enhanced Raman spectroscopy (SERS), the Raman cross section can be strongly amplified. Thoroughly in these signal amplifications, the study of a diversity of chemical systems and the use of Raman technique for in situ and in vivo measurements is possible. The main goal of this book is to open up to an extended audience the possibilities of uses of Raman spectroscopy. In fact, this collective work will be beneficial to students, teachers, and researchers of many areas who are interested to expand their knowledge about Raman spectroscopy applied to nanotechnology, biotechnology, environmental science, inorganic chemistry, and health sciences.
⇒ Ausführliche Angaben: HT020308657

Nasimuddin, Nasimuddin: Microstrip Antennas
English. Inhaltsliche Zusammenfassung: In the last 40 years, the microstrip antenna has been developed for many communication systems such as radars, sensors, wireless, satellite, broadcasting, ultra-wideband, radio frequency identifications (RFIDs), reader devices et cetera. The progress in modern wireless communication systems has dramatically increased the demand for microstrip antennas. In this book some recent advances in microstrip antennas are presented.
⇒ Ausführliche Angaben: HT020307711

Nayak, Pramoda Kumar: Recent Advances in Graphene Research
English. Inhaltsliche Zusammenfassung: This book Recent Advances in Graphene Research provides a state-of-the-art report of the knowledge accumulated in graphene research. It contains 12 chapters divided into three sections. Section 1 Fundamentals of Graphene deals with quantum hall effect in graphene, electronic properties of carbon nanostructures and spectral statistics of graphene nanolakes. In Section 2 Graphene Synthesis, the optimized synthesis procedures of graphene and its derivatives are presented. The application of graphene and its nanostructured-based materials for energy storage, conservation and other extensive applications are described in Section 3 Application of Graphene and its Nanostructures. We believe that this book offers broader prospective to the readers in the recent advances in graphene research, starting from fundamental science to application.
⇒ Ausführliche Angaben: HT020308045

Nayak, Pramoda Kumar: Two-dimensional Materials for Photodetector
English. Inhaltsliche Zusammenfassung: Atomic thin two-dimensional (2D) materials are the thinnest forms of materials to ever occur in nature and have the potential to dramatically alter and revolutionize our material world. Some of the unique properties of these materials including wide photoresponse wavelength, passivated surfaces, strong interaction with incident light, and high mobility have created tremendous interest in photodetector application. This book provides a comprehensive state-of-the-art knowledge about photodetector technology in the range visible to infrared region using various 2D materials including graphene, transition metal dichalcogenides, III-V semiconductor, and so on. It consists of 10 chapters contributed by a team of experts in this exciting field. We believe that this book will provide new opportunities and guidance for the development of next-generation 2D photodetector.
⇒ Ausführliche Angaben: HT020308643

Nayak, Pramoda Kumar: Two-dimensional Materials - Synthesis, Characterization and Potential Applications
There are only a few discoveries and new technologies in materials science that have the potential to dramatically alter and revolutionize our material world. Discovery of two-dimensional (2D) materials, the thinnest form of materials to ever occur in nature, is one of them. After isolation of graphene from graphite in 2004, a whole other class of atomically thin materials, dominated by surface effects and showing completely unexpected and extraordinary properties, has been created. This book provides a comprehensive view and state-of-the-art knowledge about 2D materials such as graphene, hexagonal boron nitride (h-BN), transition metal dichalcogenides (TMD) and so on. It consists of 11 chapters contributed by a team of experts in this exciting field and provides latest synthesis techniques of 2D materials, characterization and their potential applications in energy conservation, electronics, optoelectronics and biotechnology.

Ndibewu, Peter Papoh: Chalcogen Chemistry

This is a handy textbook comprised of chapters introducing the fundamentals of chalcogen chemistry with a focus on chalcogens and selected derived compounds and/or materials with illustrative practical applications. These low-valent chemistry elements of Group 16 or group VI- in the modern periodic table include oxygen (O), sulfur (S), selenium (Se), tellurium (Te), and polonium (Po), and they exhibit extremely interesting properties. They are endowed with supramolecular and structure bonding reactivities that allow them to form a variety of new compounds with sophisticated characteristics, thus making their way into a new era of materials development. It is hoped that readers of this textbook with a general background knowledge in chemistry, biogeochemistry, biochemistry, biology, food, agriculture, and also medicine, as well as pharmacy, will find the chapters enriching in new knowledge. An introductory chapter orients readership in this particular field of chemistry with a summative focus on the multidisciplinary approach employed in the compilation of the chapters. As such, the text is suitable for scientists, technologists, students, as well as those whose major interest is chalcogen chemistry, with particular interests in the chalcogen compounds and materials.

Ndulu, Benno / Lundahl, Mats: New Directions in Development Economics

New Directions in Development Economics is divided into two parts. The first half considers the dilemma of growth with special reference to its environmental cost. The second half focuses on the role of the state in the context of the growing dominance of the free market argument. The contributors include Paul Collier, Partha Dasgupta, Ronald Findlay and Deepak Lal.

Neiva, Henrique Pereira / Marinho, Daniel Almeida: The Use of Technology in Sport - Emerging Challenges

The development and implementation of new technology devices to help professionals, athletes, and non-athletes improve their physical fitness, performance, health, and well-being have emerged in the last few years. This book briefly overviews the current state of the art in technology applied to sports, providing examples, literature syntheses, and recent applications to sports, focused on the most important evidenced-based developments in this area. Attention is drawn to issues and unusual matters that may arise when it comes to technological innovation applied to sport. For the reader, this could be a different perspective on technological progress in physical activity.
Nejadkoorki, Farhad: Advanced Air Pollution
English. Inhaltliche Zusammenfassung: Leading air quality professionals describe different aspects of air pollution. The book presents information on four broad areas of interest in the air pollution field; the air pollution monitoring; air quality modeling; the GIS techniques to manage air quality; the new approaches to manage air quality. This book fulfills the need on the latest concepts of air pollution science and provides comprehensive information on all relevant components relating to air pollution issues in urban areas and industries. The book is suitable for a variety of scientists who wish to follow application of the theory in practice in air pollution. Known for its broad case studies, the book emphasizes an insightful of the connection between sources and control of air pollution, rather than being a simple manual on the subject.
⇒ Ausführliche Angaben: HT020307754

Nejadkoorki, Farhad: International Conference on Applied Life Sciences
English. Inhaltliche Zusammenfassung: The International Society for Applied Life Sciences (ISALS) is a worldwide Organization that aims to help scientists and researchers, publish recent findings in its scientific journals, and conferences as well as consultancy services it may provide. The society is being run by a team of highly professionals all around the world. You are welcome to join the society and contribute to improve it.
⇒ Ausführliche Angaben: HT020307927

Nelson, Jinty / Herrin, Judith: Ravenna: its role in earlier medieval change and exchange
eng. Inhaltliche Zusammenfassung: In the long-debated transition from late antiquity to the early middle ages, the city of Ravenna presents a story rich and strange. From the fourth century onwards it suffered decline in economic terms. Yet its geographical position, its status as an imperial capital, and above all its role as a connecting point between East and West, ensured that it remained an intermittent attraction for early medieval kings and emperors throughout the period from the late fifth to the eleventh century. Ravenna.
⇒ Ausführliche Angaben: HT020309737

Németh, Rita: Kyudo im Wandel:
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 490DNB 490DNB
⇒ DDC (Dewey Decimal Classification):
  - 49023sdbn 49023sdbn
⇒ Ausführliche Angaben: HT020252339

Nenoi, Mitsuru: Current Topics in Ionizing Radiation Research
English. Inhaltliche Zusammenfassung: Since the discovery of X rays by Roentgen in 1895, the ionizing radiation has been extensively utilized in a variety of medical and industrial applications. However people have shortly recognized its harmful aspects through inadvertent uses. Subsequently people experienced nuclear power plant accidents in Chernobyl and Fukushima, which taught us that the risk of ionizing radiation is closely and seriously involved in the modern society. In this circumstance, it becomes increasingly important that more scientists, engineers and students get familiar with ionizing radiation research regardless of the research field they are working. Based on this idea, the book Current Topics in Ionizing Radiation Research was designed to overview the recent achievements in ionizing radiation research including biological effects, medical uses and principles of radiation measurement.
Neralla, Sudheer: Chemical Vapor Deposition - Recent Advances and Applications in Optical, Solar Cells and Solid State Devices
English. Inhaltliche Zusammenfassung: This book provides an overview of chemical vapor deposition (CVD) methods and recent advances in developing novel materials for application in various fields. CVD has now evolved into the most widely used technique for growth of thin films in electronics industry. Several books on CVD methods have emerged in the past, and thus the scope of this book goes beyond providing fundamentals of the CVD process. Some of the chapters included highlight current limitations in the CVD methods and offer alternatives in developing coatings through overcoming these limitations.

Neralla, Sudheer: Nanocrystals - Synthesis, Characterization and Applications
English. Inhaltliche Zusammenfassung: Nanocrystals research has been an area of significant interest lately, due to the wide variety of potential applications in semiconductor, optical and biomedical fields. This book consists of a collection of research work on nanocrystals processing and characterization of their structural, optical, electronic, magnetic and mechanical properties. Various methods for nanocrystals synthesis are discussed in the book. Size-dependent properties such as quantum confinement, superparamagnetism have been observed in semiconductor and magnetic nanoparticles. Nanocrystals incorporated into different material systems have proven to possess improved properties. A review of the exciting outcomes nanoparticles study has provided indicates further accomplishments in the near future.

Nerdel, Friedrich / Schrader, Bernhard: Organische Chemie. Ein Lehrbuch für Naturwissenschaftler, Mediziner und Techniker
German.

Neri, Vincenzo: Gastrointestinal Surgery - New Technical Proposals
English. Inhaltliche Zusammenfassung: In the recent years changes in gastrointestinal surgery have experienced great acceleration, based on a better understanding of the pathophysiology of the diseases, evolving technologies, and new therapies. In many areas of gastrointestinal surgery, new therapeutic and technical results have been accessible because of better connections with well-known pathological evolutions of diseases, more detailed diagnostic perspectives, and wide employment of mini-invasive and laparoscopic procedures.

Nervo, Juri / Palermo, Sara / Morese, Rosalba: Socialization - A Multidimensional Perspective
English. Inhaltliche Zusammenfassung: This is the first book that highlights how socialization is experienced as being a complex concept in everyday life in various countries of the world. The book represents the first attempt to provide an original and multidimensional definition of socialization that takes into account the contribution of different disciplines, such as philosophy, psychology, sociology, education, and even architecture, to underline its importance as a key aspect of human experience. Therefore, it represents an extraordinary opportunity to outline new horizons in the field.
Neueder, Magdalena: Behinderung und berufliche Rehabilitation in Deutschland und der Schweiz
⇒ Ausführliche Angaben: HT020307570

Neumann, Ulfrid: Wahrheit im Recht
⇒ Ausführliche Angaben: HT020307467

Neuroglia
eng. Inhaltliche Zusammenfassung: This book is a compiled version of the journal Neuroglia. It was a peer-review Open Access journal by MDPI that investigated a wide range of glia related topics. Now the journal is published as a section of the journal Brain Sciences, with a new section Editor-in-Chief Prof. Sergey Kasparov.
⇒ Ausführliche Angaben: HT020307446

Neves, António J. R.: Intelligent Video Surveillance
English. Inhaltliche Zusammenfassung: The goal of Intelligent video surveillance systems is to efficiently extract useful information from a considerable number of videos collected by surveillance cameras by automatically detecting, tracking and recognizing objects of interest, and understanding and analyzing their activities. Video surveillance has a huge amount of applications, from public to private places. These applications require monitoring indoor and outdoor scenes. Nowadays, there are a considerable number of digital surveillance cameras collecting a huge amount of data on a daily basis. Researchers are urged to develop intelligent systems to efficiently extract and visualize useful information from this big data source. The exponential effort on the development of new algorithms and systems for video surveillance is confirmed by the amount of effort invested in projects and companies, the creation on new startups worldwide and, not less important, in the quantity and quality of the manuscripts published in a considerable number of journals and conferences worldwide. This book is an outcome of research done by several researchers who have highly contributed to the field of Video Surveillance. The main goal is to present recent advances in this important topic for the Image Processing community.
Neves, Antonio J. R.: Service Robots

English. Inhaltliche Zusammenfassung: The idea of using robots in our daily lives was an inspiring research in the field of robotics during the last decades. Service robots can be found nowadays in warehouses, hospitals, retail stores, city streets, and industrial parks or as personal assistants. The effort on the development of these robots is confirmed by the amount of money invested in projects and companies, the creation on new start-ups worldwide, and, not less important, the quantity and quality of the manuscripts published in journals and conferences worldwide. This book is an outcome of research done by several researchers who have highly contributed to the field of service robots. The main goal of this book is to present the recent advances in the field of service robots.

⇒ Ausführliche Angaben: HT020309292

New Visions in Plant Science

English. Inhaltliche Zusammenfassung: Over the past decade, progress in plant science and molecular technologies has grown considerably. This book focuses on plant biotechnology applications specializing in certain aspects of breeding and molecular marker-assisted selection processes, omic strategies, usage of bioinformatic tools, and nanotechnological improvements in agricultural sciences. Most farmers and breeders can no longer simply turn to the older strategies, and new instructions are needed to adapt their systems to achieve their production goals. The book covers new information on using metabolomics and nanotechnology in agriculture. In these circumstances, all new data and technology are very important in plant science. The topics in this book are practical and user-friendly. They allow practitioners, students, and academicians with specific background knowledge to feel confident about the principles presented on a new generation of molecular plant biotechnology applications.

⇒ Ausführliche Angaben: HT020308535

Nezhad, Mohammad Saber Fallah: New Insights into Bayesian Inference

English. Inhaltliche Zusammenfassung: This book is an introduction to the mathematical analysis of Bayesian decision-making when the state of the problem is unknown but further data about it can be obtained. The objective of such analysis is to determine the optimal decision or solution that is logically consistent with the preferences of the decision-maker, that can be analyzed using numerical utilities or criteria with the probabilities assigned to the possible state of the problem, such that these probabilities are updated by gathering new information.

⇒ Ausführliche Angaben: HT020308976

Ng, Tzi-Bun: Soybean - Biochemistry, Chemistry and Physiology

English. Inhaltliche Zusammenfassung: Soybean is an agricultural crop of tremendous economic importance. Soybean and food items derived from it form dietary components of numerous people, especially those living in the Orient. The health benefits of soybean have attracted the attention of nutritionists as well as common people.

⇒ Ausführliche Angaben: HT020307726

Nicolae, Alina Crenguta / Dragoi, Cristina Manuela: Melatonin - Molecular Biology, Clinical and Pharmaceutical Approaches

English. Inhaltliche Zusammenfassung: Melatonin, the pineal neurohormone, is a pleiotropic molecule acting in the center of the integrative molecular mechanisms of the organism, based on interconnections of the regulatory systems: neural, endocrine, immune, and genetic, conveying into the uniqueness of human architecture. This book provides a systematic and
An updated overview of melatonin biochemical mechanisms of action, pharmacological features, and clinical uses, clutching the subject with complete details of pharmaceutical formulations designed for different routes of administration and different health issues, aiming at optimal melatonin bioavailability when therapeutically delivered. The book addresses a broad range of audiences, from healthcare professionals, medically and pharmaceutically based, to highly profiled medical specialists and biomedical researchers, helping them to expand their knowledge of the physiological and pathological implications of melatonin and its metabolites.

Nikas, Alexandros / Lieu, Jenny / Hanger-Kopp, Susanne: Narratives of Low-Carbon Transitions

English. Inhaltliche Zusammenfassung: The Open Access version of this book, available at https://doi.org/10.4324/9780429458781, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license. This book examines the uncertainties underlying various strategies for a low-carbon future. Most prominently, such strategies relate to transitions in the energy sector, on both the supply and the demand side. At the same time they interact with other sectors, such as industrial production, transport, and building, and ultimately require new behaviour patterns at household and individual levels. Currently, much research is available on the effectiveness of these strategies but, in order to successfully implement comprehensive transition pathways, it is crucial not only to understand the benefits but also the risks. Filling this gap, this volume provides an interdisciplinary, conceptual framework to assess risks and uncertainties associated with low-carbon policies and applies this consistently across 11 country cases from around the world, illustrating alternative transition pathways in various contexts. The cases are presented as narratives, drawing on stakeholder-driven research efforts. They showcase diverse empirical evidence reflecting the complex challenges to and potential negative consequences of such pathways. Together, they enable the reader to draw valuable lessons on the risks and uncertainties associated with choosing the envisaged transition pathways, as well as ways to manage the implementation of these pathways and ultimately enable sustainable and lasting social and environmental effects. This book will be of great interest to students, scholars, and practitioners of environmental and energy policy, low-carbon transitions, renewable energy technologies, climate change action, and sustainability in general.

Nikiforov, Anton / Britun, Nikolay: Photon Counting - Fundamentals and Applications

English. Inhaltliche Zusammenfassung: Photon counting is a unified name for the techniques using single-photon detection for accumulative measurements of the light flux, normally occurring under extremely low-light conditions. Nowadays, this approach can be applied to the wide variety of the radiation wavelengths, starting from X-ray and deep ultraviolet transitions and ending with far-infrared part of the spectrum. As a special tribute to the photon counting, the studies of cosmic microwave background radiation in astronomy, the experiments with muon detection, and the large-scale fundamental experiments on the nature of matter should be noted. The book provides readers with an overview on the fundamentals and state-of-the-art applications of photon counting technique in the applied science and everyday life.

Nikitenkov, Nikolay N.: Modern Technologies for Creating the Thin-film Systems and Coatings

English. Inhaltliche Zusammenfassung: Development of the thin film and coating technologies (TFCT) made possible the technological revolution in electronics and through it the revolution
in IT and communications in the end of the twentieth century. Now, TFCT penetrated in many sectors of human life and industry: biology and medicine; nuclear, fusion, and hydrogen energy; protection against corrosion and hydrogen embrittlement; jet engine; space materials science; and many others. Currently, TFCT along with nanotechnologies is the most promising for the development of almost all industries. The 20 chapters of this book present the achievements of thin-film technology in many areas mentioned above but more than any other in medicine and biology and energy saving and energy efficiency.

⇒ Ausführliche Angaben: HT020308181

Nikitin, Mikhail / Skipidarov, Sergey: Thermoelectrics for Power Generation - A Look at Trends in the Technology
English. Inhaltsangabe: Thermoelectrics for Power Generation - A Look at Trends in the Technology is the first part of the InTech collection of international community works in the field of thermoelectric power generation. The authors from many counties have presented in this book their achievements and vision for the future development in different aspects of thermoelectric power generation. Remarkably, this hot topic unites together efforts of researchers and engineers from all continents of our planet. The reader will find in the book a lot of new interesting information concerning prospective materials for thermoelectric generators, both inorganic and organic; results of theoretical studies of materials characteristics; novel methods and apparatus for measuring performance of thermoelectric materials and devices; and thermoelectric power generator simulation, modeling, design, and practice.

⇒ Ausführliche Angaben: HT020308118

Nikolic, Aleksandar B. / Janda, Zarko S.: Recent Improvements of Power Plants Management and Technology
English. Inhaltsangabe: Since first AC current high-power hydropower plant was put in operation, built by Nikola Tesla and George Westinghouse in 1895 on Niagara Falls, electrification of the world has dramatically changed. The growing power demand and energy consumption in the last decades require fundamental changes in the process, power production, and services. These requirements tend to use both conventional and nonconventional energy generation in order to have power plants economically useful and environmentally friendly to the society. The goal of this textbook is to provide an up-to-date review of this important topic with specific emphasis on the current guidelines for improving overall efficiency, lowering emissions, and using large share of renewable energy.

⇒ Ausführliche Angaben: HT020308358

Nikolic, Goran: Fourier Transforms - Approach to Scientific Principles
English. Inhaltsangabe: This book aims to provide information about Fourier transform to those needing to use infrared spectroscopy, by explaining the fundamental aspects of the Fourier transform, and techniques for analyzing infrared data obtained for a wide number of materials. It summarizes the theory, instrumentation, methodology, techniques and application of FTIR spectroscopy, and improves the performance and quality of FTIR spectrophotometers.

⇒ Ausführliche Angaben: HT020307719

Nikolic, Goran: Fourier Transforms - New Analytical Approaches and FTIR Strategies
English. Inhaltsangabe: New analytical strategies and techniques are necessary to meet requirements of modern technologies and new materials. In this sense, this book provides a thorough review of current analytical approaches, industrial practices, and strategies in Fourier transform application.

⇒ Ausführliche Angaben: HT020307708
Nisar, Humaira / Yeap, Kim Ho: Complementary Metal Oxide Semiconductor
English. Inhaltliche Zusammenfassung: In this book, Complementary Metal Oxide Semiconductor (CMOS) devices are extensively discussed. The topics encompass the technology advancement in the fabrication process of metal oxide semiconductor field effect transistors or MOSFETs (which are the fundamental building blocks of CMOS devices) and the applications of transistors in the present and future eras. The book is intended to provide information on the latest technology development of CMOS to researchers, physicists, as well as engineers working in the field of semiconductor transistor manufacturing and design.
⇒ Ausführliche Angaben: HT02030882

Nisar, Humaira / Yeap, Kim Ho: Very-Large-Scale Integration
English. Inhaltliche Zusammenfassung: In this book, a variety of topics related to Very-Large-Scale Integration (VLSI) is extensively discussed. The topics encompass the physics of VLSI transistors, the process of integrated chip design and fabrication and the applications of VLSI devices. It is intended to provide information on the latest advancement of VLSI technology to researchers, physicists as well as engineers working in the field of semiconductor manufacturing and VLSI design.
⇒ Ausführliche Angaben: HT020308598

Niu, Mingbo: Advanced Electronic Circuits - Principles, Architectures and Applications on Emerging Technologies
English. Inhaltliche Zusammenfassung: This research book volume offers an important learning opportunity with insights into a variety of emerging electronic circuit aspects, such as new materials, energy harvesting architectures, and compressive sensing technique. Advanced circuit technologies are extremely powerful and developed rapidly. They change industry. They change lives. And we know they can change the world. The exhibition on these new and exciting topics will benefit readers in related fields.
⇒ Ausführliche Angaben: HT020308564

Nobuaki, Kondo: Persian Documents
English. Inhaltliche Zusammenfassung: After the Mongol period, Persian was the official written language in Iran, Central Asia and India. A vast amount of documents relating to administration and social life were produced and yet, unlike Ottoman and Arabic documents, Persian historical resources have received very little critical attention. This book is the first to use Persian Documents as the sources of social history in Early Modern Iran and Central Asia. The contributors examine four distinct elements of the documents: * the formal aspects of the sources are initially inspected * the second part focuses on newly discovered sources * the most abundant documents of the period - waqf deeds - are individually studied In this way the reader is led to realize the importance of Persian documents in gaining an understanding of past urban and rural societies in the Middle East.
⇒ Ausführliche Angaben: HT020310170

Norris, Sigrid / Jones, Rodney H: Discourse in Action
English. Inhaltliche Zusammenfassung: From emails relating to adoption over the Internet to discussions in the airline cockpit, the spoken or written texts we produce can have significant social consequences. The area of Mediated Discourse Analysis considers texts in their social and cultural contexts to explore the actions individuals take with texts - and the consequences of those actions. Discourse in Action: brings together leading scholars from around
the world in the area of Mediated Discourse Analysis reveals ways in which its theory and methodology can be used in research into contemporary social situations explores real situations and draws on real data in each chapter shows how analysis of texts in their social contexts broadens our understanding of the real world. Taken together, the chapters provide a comprehensive overview to the field and present a range of current studies that address some of the most important questions facing students and researchers in linguistics, education, communication studies and other fields.

⇒ Ausführliche Angaben: HT020310272

**Norton, Jerry / Farrow, Steve: Change In Classroom Practice**

English. Inhaltliche Zusammenfassung: Over the last ten years deliberate and determined efforts have been made to improve schooling. This book charts recent and current developments in the practical business of changing classroom practice to make schools more effective. It is devoted to detecting the effects on classroom practice of the efforts made to improve schools and classrooms, and to understanding how classroom practice changes. Contributors include advisory teachers, Higher Education HE tutors and researchers, and work described ranges from early years classrooms to post-experience course outcomes and the tracking of Inservice education and training INSET effectiveness.

⇒ Ausführliche Angaben: HT020310295

**Noutcheva, Gergana / Burlyuk, Olga: Chapter 1 Unintended Consequences of EU External Action**

English. Inhaltliche Zusammenfassung: There is a gap in IR and EU scholarship concerning unintended consequences in an international context, leaving this important phenomenon understudied. To fill this gap, a conceptualisation of unintended consequences is offered, and a set of common research questions are presented, highlighting the nature (what), the causes (why) and the modes of management (how) of unintended consequences of EU external action. The Special Issue contributes to the study of the EU as an international actor by broadening the notion of the EU’s impact abroad to include the unintended consequences of EU (in)actions and by shedding new light on the conceptual paradigms that explain EU external action.

⇒ Ausführliche Angaben: HT020310414

**Noutcheva, Gergana / Dandashly, Assem: Chapter 8 Unintended Consequences of EU Democracy Support in the European Neighbourhood**

English. Inhaltliche Zusammenfassung: The European Union’s (EU) impact on the political governance of the European neighbourhood is varied and sometimes opposite to the declared objectives of its democracy support policies. The democracy promotion literature has to a large extent neglected the unintended consequences of EU democracy support in Eastern Europe and the Middle East and North Africa. The EU has left multiple imprints on the political trajectories of the countries in the neighbourhood and yet the dominant explanation, highlighting the EU’s security and economic interests in the two regions, cannot fully account for the unintended consequences of its policies. The literature on the ‘pathologies’ of international organisation offers an explanation, emphasising the failures of the EU bureaucracy to anticipate, prevent or reverse the undesired effects of its democracy support in the neighbourhood.

⇒ Ausführliche Angaben: HT020310411

**Nowinska, Anna: Novel Diagnostic Methods in Ophthalmology**

English. Inhaltliche Zusammenfassung: In the last 10 years, there has been huge progress in the general understanding of ocular disorders due to the availability and development of new in vivo imaging techniques, such as anterior and posterior eye segment optical coherence
tomography as well as biochemical methods allowing rapid confirmation of clinical diagnosis. Introducing noninvasive diagnostic methods in ophthalmology led to an improvement in early differential diagnosis of conditions such as corneal dystrophies, dry eye disease, and various retinal and optic nerve diseases. Recent advances in diagnostic methods have also impacted the treatment methods. This book intends to provide the reader with a comprehensive overview of current ocular diagnostic methods, including the theoretical basis as well as practical approaches and usage in clinical practice.

⇒ Ausführliche Angaben: HT020309466

Ntuli, Tobias M.: Cell Death - Autophagy, Apoptosis and Necrosis

⇒ Ausführliche Angaben: HT020308001

Nunes, Kenia Pedrosa: Major Topics in Type 1 Diabetes
2015. 1 electronic resource (182 pages). ISBN 9789535122043, ISBN 9789535142140 English. Inhaltliche Zusammenfassung: Type 1 diabetes (T1D) is one of the most common endocrine disorders in children and can occur at any age. Incidences of T1D have steadily increased worldwide, and it is largely considered an autoimmune disorder resulting from the specific destruction of pancreatic beta-cells producing insulin. However, T1D pathophysiology is still not completely understood, and although insulin and other therapies ameliorate the manifestations of the disease, no cure is currently available. This book has been written by widely acknowledged experts, with each chapter providing unique information on emerging aspects of T1D. Because a large body of information has been available regarding T1D, this book highlights lesser explored topics linked to the subject using important and recent knowledge that presages directions for further research. Current possibilities to forestall diabetic complications are also explored.

⇒ Ausführliche Angaben: HT020307996

Nurmi, Hannu: Models of Political Economy

⇒ Ausführliche Angaben: HT020310186

Nyila, Monde Alfred: Listeria Monocytogenes
2018. 1 electronic resource (118 pages). ISBN 9781789236286, ISBN 9781789236293 English. Inhaltliche Zusammenfassung: The book Listeria monocytogenes describes different topics that deal with L. monocytogenes in medical research, modelling the behaviour of the organism in meat, quality assurance of raw food material and food products, the impact of environmental stresses in virulence traits of L. monocytogenes relevant to food safety, contamination, prevention and control in food processing and food service environments. The aim of this book is to introduce the reader to different approaches, methods, and tools in understanding the pathogen, Listeria monocytogenes, with regard to primary and public health, food safety, pathogenicity, virulence, and its ubiquity. Topics covered in this book deal with L. monocytogenes in medical research, modelling the behaviour of the organism in meat, quality assurance of raw food material and food products, the impact of environmental stresses in virulence traits of L. monocytogenes relevant to food safety, contamination, prevention and control in food processing and food services environments.

⇒ Ausführliche Angaben: HT020308939
Nys-Mazure, Colette / Norin, Luc / Hanotte, Xavier: Art et religion
French. Inhaltliche Zusammenfassung: Quels que soient le lieu ou la civilisation que l’on explore, des relations profondes entre religion et art se décelent. L’art traduit volontiers les aspects des fonctions religieuses, soit dans le cadre organisé d’un rituel, soit plus spontanément, dans l’expression de la foi personnelle ou collective. Les religions font appel aux artistes pour rendre apparent et intelligible l’invisible mais se heurtent souvent à eux en leur imposant des formes. Mais si bien des civilisations ont fait l’objet d’études fouillées sur la manière dont elles articulaient l’art et la religion, force est de constater que très peu de chercheurs se sont attelés à une vue transversale de ces notions. Cet ouvrage s’inscrit dès lors dans une perspective comparative ayant pour but de souligner les diachronies et les spécificités religieuses.
⇒ Ausführliche Angaben: HT020309793

Obinata, Goro / Niimi, Tomohide / Fukuda, Toshio: Micro-Nano Mechatronics - New Trends in Material, Measurement, Control, Manufacturing and Their Applications in Biomedical Engineering
English. Inhaltliche Zusammenfassung: Micro/Nano mechatronics is currently used in broader spectra, ranging from basic applications in robotics, actuators, sensors, semiconductors, automobiles, and machine tools. As a strategic technology highlighting the 21st century, this technology is extended to new applications in bio-medical systems and life science, construction machines, and aerospace equipment, welfare/human life engineering, and other brand new scopes. Basically, the miniaturizing technology is important to realize high performance, low energy consumption, low cost performance, small space instrumentation, light-weight, and so on. This book presents the summary of our project Center of Excellence for Education and Research of Micro-Nano Mechatronics. The project implements a strategy to realize applications of micro-nano mechatronics, which are based on mechanical engineering or materials science, control systems engineering, and advanced medical engineering. The chapters describe the research advances in micro/nano measurement and control, micro/nano design and manufacturing, nano materials science, and their applications in biomedical engineering. The publication of this book was supported by Nagoya University, the 21st COE program Micro-and NanoMechatronics for Information-Based Society, and the global COE program Micro-Nano Mechatronics for Education and Research of Micro-Nano Mechatronics.
⇒ Ausführliche Angaben: HT020309596

OBrien, Lance / Heimann, Bettina: Strategic management of agricultural and life sciences research
English. Inhaltliche Zusammenfassung: New developments - scientific, technical, societal and political - influence not only the agenda for research but also research structures, resource requirements (human and otherwise), education and training programs and interfaces with partners and the users of research. They also have an impact on research funding and management and the way research is evaluated and monitored. This book deals with the business of doing research in Europe's public research and development organisations, with a particular focus on their strategic management challenges. It is the third e-book produced by EURAGRI and draws on contributions made at the 31st EURAGRI annual conference held in Dublin (Ireland) in September 2017.
⇒ Ausführliche Angaben: HT020310386

English. Inhaltliche Zusammenfassung: Restructuring is an international phenomenon, and
great stress is placed on the role of the innovative principal in the process. This book offers insights into the ways in which six principals go about leading the change process in their schools, and looks for ways of understanding why and how principals behave and think in the way they do. Its edited topical life history approach identifies key events, experiences and significant others in the lives of the case study managers, and shows how these have shaped the way they implement changes to curriculum, teaching and learning in their schools.

⇒ Ausführliche Angaben: HT020310226

Oduoza, Chike F: Risk Management Treatise for Engineering Practitioners
English. Inhaltliche Zusammenfassung: This book Risk Management Treatise for Engineering Practitioners has been published by academic researchers and experts on risk management concepts mainly in the construction engineering sector. It addresses basic theories and principles of risk management backed up, in most cases, with case studies. The contributions for this book came from authors in Europe, the Far East and Africa, and it is hoped that the contents of this book will be useful to anyone interested in understanding the principles and applications of risk management, especially within the construction engineering sector. Researchers and postgraduate students in science and engineering disciplines, especially those interested in project management, will find this book useful.

⇒ Ausführliche Angaben: HT020309136

Oehen, Moritz: Der Strafkläger im Strafbefehls- und im abgekürzten Verfahren
German. Inhaltliche Zusammenfassung: The present work provides an overview of the role that victims play as prosecutors, irrespective of material compensation interests in criminal proceedings. The party rights of the criminal prosecutor are treated in the same way as his position in the efficient penal and abbreviated procedures. In doing so, inconsistencies in the law are discussed, the previous case law on the criminal prosecutor critically questioned and the conflicting goals between injured party participation and procedural efficiency examined. The role of the criminal prosecutor in Swiss jurisprudence has so far only been examined selectively and always with regard to specific issues. For the first time, the author attempts to broach the issue of the criminal prosecutor as a litigant and to put it into context with the idea of efficiency that characterizes criminal procedural law.

⇒ Ausführliche Angaben: HT020307501

Oflazo?lu, Sonyel: Marketing
English. Inhaltliche Zusammenfassung: This book on marketing continues to reflect our firm belief that the Wheel of Consumer Analysis is a powerful tool not only for organizing consumer behaviour knowledge but also for understanding consumers and for guiding the development of successful marketing strategies. In fact, it has been used by marketing consultants and practitioners to do so. The various chapters presented here follow several approaches, which researchers can explore in different contexts. This book intends to contribute to a better understanding of the application areas of marketing strategies and shows how these business practices in social sciences can stimulate various topics.

⇒ Ausführliche Angaben: HT020308883

Oflazoglu, Sonyel: Qualitative versus Quantitative Research
English. Inhaltliche Zusammenfassung: The objective of this book is to fill the gap combining several studies from qualitative and quantitative research methods. The various chapters presented here follow several approaches that researchers explore in different context. This book intends to contribute to better understanding of the application areas of qualitative research method and to show how these business practices in social sciences can stimulate in various areas.
Ogam, Erick / Fellah, Zine El Abiddine: Acoustics of Materials
English. Inhaltliche Zusammenfassung: This book deals with acoustic wave interaction with different materials, such as porous materials, crystals, biological tissues, nanofibers, etc. Physical phenomena and mathematical models are described, numerical simulations and theoretical predictions are compared to experimental data, and the results are discussed by evoking new trends and perspectives. Several approaches and applications are developed, including non-linear elasticity, propagation, diffusion, soundscape, environmental acoustics, mechanotransduction, infrasound, acoustic beam, microwave sensors, and insulation. The book is composed of three sections: Control of Sound - Absorbing Materials for Damping of Sound, Sound Propagation in Complex/Porous materials and Nondestructive Testing (NDT), Non Linearity, Leakage.

Ohyama, Takuji: Advances in Biology and Ecology of Nitrogen Fixation
English. Inhaltliche Zusammenfassung: Biological nitrogen fixation has essential role in N cycle in global ecosystem. Several types of nitrogen fixing bacteria are recognized: the free-living bacteria in soil or water; symbiotic bacteria making root nodules in legumes or non-legumes; associative nitrogen fixing bacteria that resides outside the plant roots and provides fixed nitrogen to the plants; endophytic nitrogen fixing bacteria living in the roots, stems and leaves of plants. In this book there are 11 chapters related to biological nitrogen fixation, regulation of legume-rhizobium symbiosis, and agriculture and ecology of biological nitrogen fixation, including new models for autoregulation of nodulation in legumes, endophytic nitrogen fixation in sugarcane or forest trees, etc. Hopefully, this book will contribute to biological, ecological, and agricultural sciences.

Okabe, Atsuyuki: Islamic Area Studies with Geographical Information Systems
English. Inhaltliche Zusammenfassung: In this volume the contributors use Geographical Information Systems (GIS) to reassess both historic and contemporary Asian countries and traditionally Islamic areas. This highly illustrated and comprehensive work highlights how GIS can be applied to the social sciences. With its description of how to process, construct and manage geographical data the book is ideal for the non-specialist looking for a new and refreshing way to approach Islamic area studies.

Okedu, Kenneth Eloghene: Power System Stability
English. Inhaltliche Zusammenfassung: The target readers for this book are academics and engineers working in universities, research institutes and industry sectors wishing to enhance their knowledge about power system stability. Readers of this book should gain technical ideas and special experience with detailed information about small signal stability, dynamics, modeling, power oscillations and electrical power infrastructures relating to power system stability. The contents of this book provide many solutions to problems that can be integrated into larger research findings and projects. The book addresses some power system stability studies such as an overview of power systems and stability criteria, applications of the trajectory sensitivity theory to small signal stability, power system small signal stability in grid connected smart park, power system dynamics and modeling. The book also describes some recent developments in power oscillations due to ferroresonance, sub synchronous resonance and effects of climate change in electric power infrastructures.
Okedu, Kenneth Eloghene: Stability Control and Reliable Performance of Wind Turbines
English. Inhaltliche Zusammenfassung: This book is intended for academics and engineers working in universities, research institutes, and industry sectors wishing to acquire new information and enhance their knowledge of the current trends in wind turbine technology. Readers will gain new ideas and special experience with in-depth information about modeling, stability control, assessment, reliability, and future prospects of wind turbines. This book contains a number of problems and solutions that can be integrated into larger research findings and projects. The book enhances studies concerning the state of the art of wind turbines, modeling and intelligent control of wind turbines, power quality of wind turbines, robust controllers for wind turbines in cold weather, etc. The book also looks at recent developments in wind turbine supporting structures, noise reduction estimation methods, reliability and prospects of wind turbines, etc. As I enjoyed preparing this book, I am sure that it will be valuable for a large sector of readers.

Okiwelu, Anthony: Geophysics
English. Inhaltliche Zusammenfassung: This book is focused on different aspects of geological research, particularly on modern approach in subsurface imaging, tectonics, geohazard, seismicity, and Earth planetary system. Syntheses of results from regional and local studies combined with new techniques of geophysical data acquisition and interpretation from diverse geological provinces are presented. Some of the chapter explained clearly the geophysical technique that can image local sources in urban and rural settings in Israel. An example of studies on basement tectonics and fault reactivation in North America using integrated geophysical methods is also presented. Two modes of seismicity, one involving rotational seismology and another based on seismic response in Mexico using Hilbert-Huang transform (HHT) as an alternative technique for extracting data that will be useful for the assessment of potential earthquake, are discussed in other sets of chapters. The integration of geoelectric methods in another chapter demonstrated delimitation of the resistivity anomalies caused by different types of hydrocarbon contaminants and rocks in rural, industrial, and urban sites. The results of electrical resistivity method to define 1D and 2D electrical models from two datasets acquired in dry and rainy seasons in Panama (Central America) were used to show the relationship between electrical resistivity and volumetric water content. Petrophysical analyses show good fits between resistivity and volumetric water content and known parameters for rocks and soils. The study on Earth planetary system noted that at all stages of the Earth’s formation, convective heat and mass transfer are the most important factors in the dynamics of the planet. The chapter on magnetics shows how remanent magnetization and self-demagnetization complicate the inversion and interpretation of magnetic anomaly with examples from iron deposit in South Australia.

Okware, Samuel: Advances in HIV and AIDS Control
English. Inhaltliche Zusammenfassung: The HIV epidemic has had a significant and profound impact on the world and health resources. Considerable progress has been made in understanding the risks and drivers of the epidemic. Antiretroviral drugs have relieved human suffering and prolonged life. However, access to quality management needs to scale up and be made universal. This book discusses critical issues related to the treatment of HIV infection and related co-infections and challenges in adherence and discordancy. New vaccine approaches discussed may provide the ultimate solution for eradication. Sharing knowledge from various experts in medical and basic sciences improves the quality of care for this persistent global threat. This book discusses emerging advances in HIV-AIDS management to support strategies for control and elimination.
Okware, Samuel Ikwaras: Advances in Ebola Control  
English. Inhaltliche Zusammenfassung: Ebola epidemics have had immediate and lasting impact in Africa and beyond, with its high case fatality and societal disruption. Its rapid spread, coupled with the limited knowledge, serves as a recipe for disaster and panic in the community. Health workers are particularly at risk, paying heavily with their lives. Sharing knowledge from various experts in basic sciences that support vaccine and drug development, as well as improving community surveillance and case management, enriches our understanding of this highly fatal and contagious disease. In a world that is fast becoming a global village, communicable diseases from low-resource setting are gradually becoming a global health threat. This book seeks to discuss emerging advances in the Ebola control.

Olds, Tim / Stewart, Arthur / Marfell-Jones, Michael: Kinanthropometry IX  
English. Inhaltliche Zusammenfassung: This is an edited collection of peer-reviewed papers presented at the Ninth International Conference of the Society for the Advancement of Kinanthropometry. Defined as the relationship between human body structure and function, kinanthropometry is an area of growing interest, and these proceedings will be of use to students, academics and professionals in the areas of ergonomics, sports science, nutrition, health, and other allied fields. The assembled works represent the latest research findings across kinanthropometry, moving the discipline forward and promoting good practice and the exchange of expertise.

Olimat, Suleiman / Vallisuta, Omboon: Drug Discovery and Development - From Molecules to Medicine  
English. Inhaltliche Zusammenfassung: It is very important for scientists all over the globe to enhance drug discovery research for better human health. This book demonstrates that various expertise are essential for drug discovery including synthetic or natural drugs, clinical pharmacology, receptor identification, drug metabolism, pharmacodynamic and pharmacokinetic research. The following 5 sections cover diverse chapter topics in drug discovery: Natural Products as Sources of Leading Molecules in Drug Discovery; Oncology and Drug Discovery; Receptors Involvement in Drug Discovery; Management and Development of Drugs against Infectious Diseases; Advanced Methodology.

Oliveira, Alexandre Bosco de: Sugarcane - Technology and Research  
English. Inhaltliche Zusammenfassung: Sugarcane (Saccharum officinarum L.) is considered one of the major bioenergy crops grown globally. Thus, sugarcane research to improve sustainable production worldwide is a vital task of the scientific community, to address the increasing demands and needs for their products, especially biofuels. In this context, this book covers the most recent research areas related to sugarcane production and its applications. It is composed of 14 chapters, divided into 5 sections that highlight fundamental insights into the current research and technology on this crop. Sugarcane: Technology and Research intends to provide the reader with a comprehensive overview in technology, production, and applied and basic research of this bioenergy species, approaching the latest developments on varied topics related to this crop.

Oliveira, Alexandre Bosco de: Sustainability of Agroecosystems  
English. Inhaltliche Zusammenfassung: The present book is composed of modern theoretical and applied studies that highlight the core principles and evidence of sustainable agriculture. This work is systematically divided into two sections, which summarize crucial insights into this theme, such as agroecological concepts, case studies, soil health, and agroforestry systems. The chapters included in this book have been written by researchers whose expertise allows the relatively complex sustainable agroecosystem-related topics to be easily understood by any reader. Therefore, the target audience comprises not only scholars and specialists in the field but also common people and enthusiasts about this theme. Such chapters collection is certainly a valuable resource about agricultural sustainable principles and a pleasure reading for those who are willing to dive more deeply into the study of sustainability of agroecosystems.

⇒ Ausführliche Angaben: HT020308923

Oliveira, Luciana Xavier de: A cena musical da Black Rio: estilos e mediações nos bailes soul dos anos 1970
Portuguese. Inhaltliche Zusammenfassung: Em A cena musical da Black Rio, Luciana Xavier de Oliveira apresenta o surgimento, na década de 1970, dos bailes de soul music nos subúrbios carioca, iniciados na esteira do movimento de empoderamento da comunidade negra, sob o lema do black is beatiful. A autora realiza uma análise comunicacional desse cenário, analisa as influências deixadas na moda e no mercado fonográfico e mostra as contribuições dos jovens negros da época a fim de legitimar uma negritude mais positiva e consciente.

⇒ Ausführliche Angaben: HT020310345

Olivier, Berend: Sexual Dysfunction
English. Inhaltliche Zusammenfassung: Sexual dysfunctions have a high prevalence in males and females, and an increase in research into its backgrounds, causes and treatment is clearly visible. Characterization of sexual dysfunctions is complex and often needs extensive clinical, psychological and psychiatric expertise to arrive at reliable diagnoses. The present volume illustrates various aspects involved in sexual (dys)functioning but also the complexity of the field. Premature ejaculation, erectile dysfunction, female interest/arousal disorder, hypogonadism, sexual side effects of antidepressants and circumcision are subject of the various contributions. The topics treated nicely illustrate the problems associated with sexual function and dysfunction, including lifestyle, biological, mental, sociocultural and religious aspects. The topics in this volume clearly demonstrate the importance of research on sexual functions and dysfunctions.

⇒ Ausführliche Angaben: HT020308299

Olk, Claudia / Zepp, Susanne: Nobelpreisträgerinnen. 14 Schriftstellerinnen im Porträt
German. Inhaltliche Zusammenfassung: This volume presents the 14 female winners of the Nobel Prize in Literature, e.g. Lagerlöf, Sachs, Jelinek, Müller, Munro. Contributions offers exemplary readings of chosen works, while outlining the intellectual profile of each author. They also tackle the questions of female writing and canon formation, and interrogate the conditions and contradictions of artistic creativity.

⇒ Ausführliche Angaben: HT020309956

Oltmer, Jochen / Kreienbrink, Axel / Sanz Díaz, Carlos: Das Gastarbeiter-System. Arbeitsmigration und ihre Folgen in der Bundesrepublik Deutschland und Westeuropa

⇒ Ausführliche Angaben: HT020310027

Olvera, Jorge Del Real: Air Pollution - Monitoring, Quantification and Removal of Gases and Particles
English. Inhaltsübersicht: Currently, one of the most evident and dangerous contaminants aspects for the health of all living beings is air pollution. To understand the severity of this environmental problem, in this book the authors make an in-depth review of different environmental aspects on monitoring, quantification and elimination of emissions to the atmosphere, generated by diverse anthropogenic activities in large cities. Contributors of this book have made an effort to put their ideas in simple terms without forgoing quality. The principal objective of this book is to present the most recent technical literature to all interested readers in this field.

⇒ Ausführliche Angaben: HT020309360

Omerhodzic, Ibrahim / Arnautovic, Kenan: Glioma - Contemporary Diagnostic and Therapeutic Approaches
English. Inhaltsübersicht: The past three decades have been marked with huge enthusiasm from scientists and professionals in an effort to find a cure for glioma disease. Methods to confirm the kinds and grades of glioma have taken a path from classical macro- to microscopic pathohistological confirmation of tumors, through morphological-histological, molecular, and genetic diagnosis. Surgically, progress was made possible with the development and use of technological aids, for example neuronavigation, cortical mapping, electrocorticography, neuromonitoring, functional and intraoperative MRI, magnetoencephalography, etc. Great hope was placed on the extension of tumor resection and popular supratotal resection. Significant progress has been made generally in glioma treatment with the use of modern radiotherapy and new chemotherapeutics. What do we want to see for the future? By way of stem cells, a specific medicine will be produced, individualized for the particular patient, and by using a microcapsule it will be implanted into the brain zone affected by the tumor by way of robot surgery and injection needle. This is not at all an unrealistic expectation in the next decade or two.

⇒ Ausführliche Angaben: HT020309190

Onal, Cem: Prostate Cancer
English. Inhaltsübersicht: This edited volume Prostate Cancer is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field of urologic oncology. The book comprises single chapters authored by various researchers and edited by an expert active in the urologic oncology research area. All chapters are complete in themselves but united under a common research study topic. This publication aims at providing a thorough overview of the latest research efforts by international authors and opens new possible research paths for further novel developments.

⇒ Ausführliche Angaben: HT020309023

Onal, Cem: Radiotherapy
English. Inhaltsübersicht: Radiotherapy plays a key role in the treatment of many cancer types. This book is intended to bring forward the recent advancements in the field of radiation oncology. It presents the experience of several researchers who dedicate many hours a day to not only treat patients but also assess the physical aspects of newer radiotherapy
facilities. This book contains many valuable contributions from radiation oncology physicians and medical physicists who are experts in their fields.

⇒ Ausführliche Angaben: HT020308251

**Ondrasek, Gabrijel: Irrigation in Agroecosystems**
English. Inhaltliche Zusammenfassung: The agroecosystem is one of the most fascinating, purposely human-created functional units, by which human species made a huge leap from predators and nomads to food growers (agriculturists). Irrigation is one of the oldest and still one of the most effective agricultural practices for providing continuous and quality foodstuffs.

⇒ Ausführliche Angaben: HT020309188

**Ongradi, Jozsef: Herpesviridae**
English. Inhaltliche Zusammenfassung: Herpesviruses are unique among viruses as they encode for a complex self-regulatory system, aggressively invade and persist in the host, evade immune defense, alter all regulatory mechanisms of the macroorganism and modify the replication of heterologous viruses. Environmental factors influence these unconventional relationships. Consequently, a single herpesvirus species can be attributed to a wide range of diseases as etiological agents or cofactors. This book is intended to give an overview on selected clinical hot topics: herpes simplex virus encephalitis, persistent infection in the gingiva, thymidine kinase gene expression causing male infertility, and pharmaceutical reactivation of Epstein-Barr virus for oncolysis. Immune evasion mechanisms and new ways to formulate vaccines are exhaustively reviewed. Finally, a surprise: bovine herpesviruses could serve as models to study the pathomechanism of herpesviruses.

⇒ Ausführliche Angaben: HT020308032

**Opper, Marc: Peoples Wars in China, Malaya, and Vietnam**
English. Inhaltliche Zusammenfassung: People’s Wars in China, Malaya, and Vietnam explains why some insurgencies collapse after a military defeat while under other circumstances insurgents are able to maintain influence, rebuild strength, and ultimately defeat the government. The author argues that ultimate victory in civil wars rests on the size of the coalition of social groups established by each side during the conflict. When insurgents establish broad social coalitions (relative to the incumbent), their movement will persist even when military defeats lead to loss of control of territory because they enjoy the support of the civilian population and civilians will not defect to the incumbent. By contrast, when insurgents establish narrow coalitions, civilian compliance is solely a product of coercion. Where insurgents implement such governing strategies, battlefield defeats translate into political defeats and bring about a collapse of the insurgency because civilians defect to the incumbent. The empirical chapters of the book consist of six case studies of the most consequential insurgencies of the 20th century including that led by the Chinese Communist Party from 1927 to 1949, the Malayan Emergency (1948-1960), and the Vietnam War (1960-1975). People’s Wars breaks new ground in systematically analyzing and comparing these three canonical cases of insurgency. The case studies of China and Malaya make use of Chinese-language archival sources, many of which have never before been used and provide an unprecedented level of detail into the workings of successful and unsuccessful insurgencies. The book adopts an interdisciplinary approach and will be of interest to both political scientists and historians. Funding is provided by the Andrew W. Mellon Foundation, as part of the Sustainable History Monograph Pilot.

⇒ Ausführliche Angaben: HT020310428

**Oravec, Milos: Face Recognition**
English. Inhaltliche Zusammenfassung: This book aims to bring together selected recent advances, applications and original results in the area of biometric face recognition. They can be
useful for researchers, engineers, graduate and postgraduate students, experts in this area and hopefully also for people interested generally in computer science, security, machine learning and artificial intelligence. Various methods, approaches and algorithms for recognition of human faces are used by authors of the chapters of this book, e.g. PCA, LDA, artificial neural networks, wavelets, curvelets, kernel methods, Gabor filters, active appearance models, 2D and 3D representations, optical correlation, hidden Markov models and others. Also a broad range of problems is covered: feature extraction and dimensionality reduction (chapters 1-4), 2D face recognition from the point of view of full system proposal (chapters 5-10), illumination and pose problems (chapters 11-13), eye movement (chapter 14), 3D face recognition (chapters 15-19) and hardware issues (chapters 19-20).

⇒ Ausführliche Angaben: HT020309546

**Orjuela, Jose Edgar Alfonso: Rare Earth Element**


English. Inhaltliche Zusammenfassung: Rare earth elements have significant physical and chemical properties, which have been made indispensable in many magnetic, electronic, and optical applications. For instance, rare earth magnets have high magnetic intensity that can be retained at high temperatures, making them ideal for aerospace applications. Moreover, rare earth elements allow to fabricate faster, smaller, and lighter devices such as cell phones and hard drives. They are also important for in-ear headphones, microphones, loudspeakers, optical fibers, smartphones, and tablet computers. All these technological possibilities have made sure that the rare earth elements are part of the daily life. Therefore, this book has a main objective to let the readers know useful information about the rare earth elements that possibly allow development of the researches in different fields of science where the rare earth elements are used.

⇒ Ausführliche Angaben: HT020308369

**Ormandy, D. / Burridge, R.: Unhealthy Housing**


English. Inhaltliche Zusammenfassung: Unhealthy Housing presents an analysis of the research into the health implications of housing and the significance for legal regulation of housing conditions. Key experts present short papers, together with an overview to give an evaluation of the significance of housing on the health of occupiers.

⇒ Ausführliche Angaben: HT020310070

**Ortiz, Jesús Hamilton: Wearable Technologies**


English. Inhaltliche Zusammenfassung: This edited volume Wearable Technologies is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field of computer engineering. The book comprises single chapters authored by various researchers and edited by an expert active in the computer engineering research area. All chapters are complete in themselves but united under a common research study topic. This publication aims at providing a thorough overview of the latest research efforts.

⇒ Ausführliche Angaben: HT020309033

**Ortúzar, María Graciela de: Ética, ciencia y política: Hacia un paradigma ético integral en investigación**


Spanish. Inhaltliche Zusammenfassung: El presente libro es resultado de un ciclo de debates, conferencias, e intercambios de investigaciones acerca de las relaciones entre “Ética, Ciencia y Política”, que reúne a profesionales de diferentes áreas y de diversos países, desde una mirada pluralista, para analizar los problemas éticos y sociales en investigación. El objetivo general es concientizar a la comunidad científica sobre la necesidad de incorporar la ética, y la bioética, en su práctica diaria de investigación; como así también dar a conocer en la
comunidad los hechos que afectan directamente los derechos de los sujetos y/o de las comunidades de investigación, como así también analizar el importante problema de prioridades en investigación y acceso al conocimiento en un mundo caracterizado por grandes brechas y desigualdades sociales.

⇒ Ausführliche Angaben: HT020309665

Osabe, Yoshiyuki / Jibu, Mari: Scientometrics
English. Inhaltliche Zusammenfassung: Technological change is one of the greatest issues in the modern world. As the world faces societal challenges, e.g., climate challenges, aging problem, and energy security, technology will contribute to new or better solutions for those problems. New technologies take time to develop and mature; moreover, they tend to be born in the gaps of multiple technology fields; therefore, early detection of emerging technological concepts across multiple disciplines will be a very important issue. Our goal seeks to develop automated methods that aid in the systematic, continuous, and comprehensive assessment of technological emergence using one of the major foresight exercises, scientometrics. There is now a huge flood of scientific and technical information, especially scientific publications and patent information. Using the information patterns of emergence for technological concepts has been discovered and theories of technical emergence have been also developed in several years. We have been developing visualization tools in which thousands of technical areas have been interacted with each other and evolved in time. Several indicators of technical emergence have been improved by universities, international organizations, and funding agencies. This book intends to provide readers with a comprehensive overview of the current state of the art in scientometrics that focuses on the systematic, continuous, and comprehensive assessment of technological emergence.

⇒ Ausführliche Angaben: HT020308840

Osheku, Charles A.: Lamination - Theory and Application
English. Inhaltliche Zusammenfassung: The field of lamination has developed significantly over the past 5000 years. Nowadays, we have a humongous array of structures and technological systems where composite laminates are applied. From the viewpoint of structural mechanics, an interface slip motion between two laminated structures, such as beam plate and plate in the presence of dry friction, can be utilized for slip damping systems. By scientific definition, slip damping is a mechanism exploited for dissipating noise and vibration energy in machine structures and systems. Researchers have developed several mathematical models for noise dissipation, minimization and complete vibration isolation laminated mechanisms. The purpose of this book is to describe new concepts of producing laminated structures and possible modern engineering applications.

⇒ Ausführliche Angaben: HT020308625

Osheku, Charles: Ballistics
English. Inhaltliche Zusammenfassung: The edited volume Ballistics is a collection of review-ed and relevant research chapters, offering a comprehensive overview of recent developments in the field of engineered mechanics. The book comprises single chapters authored by various researchers and edited by an expert from the respective research area. Each chapter is complete in itself but united under a common research study topic. This publication aims to provide a thorough overview of the latest research efforts by international authors on engineered mechanics and opens new possible research paths for further novel developments.

⇒ Ausführliche Angaben: HT020309400

Ott, Walter: Die Vielfalt des Rechtspositivismus

⇒ Ausführliche Angaben: HT020307588

Ottmann, Henning: Philosophie und Politik bei Nietzsche
German.
⇒ Ausführliche Angaben: HT020309989

Ottmann, Henning: Platon, Aristoteles und die neoklassische politische Philosophie der Gegenwart
⇒ Ausführliche Angaben: HT020307466

Otto, Harro: Grundkurs Strafrecht. Die einzelnen Delikte
German.
⇒ Ausführliche Angaben: HT020309994

Ouadfeul, Sid-Ali: Fractal Analysis
English. Inhaltliche Zusammenfassung: The aim of this book is to show some applications of fractal analysis in the fields of sciences. The first chapter introduces the readers to the book, while the second chapter shows the methods and challenges of fractal analysis of time-series data sets. The third chapter demonstrates fractal geometry as an attractive choice for miniaturized planar microwave filter design. The fourth chapter presents fractal antennas for wearable applications. The objective of the fifth chapter is to show some Parrondian games in discrete dynamic systems, while the last chapter reveals fractal structures of carbon nanotube system arrays.
⇒ Ausführliche Angaben: HT020309323

Overing, Gillian R. / Lees, Clare A.: The Contemporary Medieval in Practice
English. Inhaltliche Zusammenfassung: Contemporary arts, both practice and methods, offer medieval scholars innovative ways to examine, explore, and reframe the past. Medievalists offer contemporary studies insights into cultural works of the past that have been made or reworked in the present. Creative-critical writing invites the adaptation of scholarly style using
forms such as the dialogue, short essay, and the poem; these are, the authors argue, appropriate ways to explore innovative pathways from the contemporary to the medieval, and vice versa. Speculative and non-traditional, The Contemporary Medieval in Practice adapts the conventional scholarly essay to reflect its cross-disciplinary, creative subject.

⇒ Ausführliche Angaben: HT020309868

eng. Inhaltliche Zusammenfassung: The Family Firm presents the first major historical analysis of the transformation of the royal household.

⇒ Ausführliche Angaben: HT020309736

**Owuoche, James / Wanyera, Ruth: Wheat Improvement, Management and Utilization**
English. Inhaltliche Zusammenfassung: The Wheat Improvement, Management, and Utilization book covers some of the most recent research areas that touch on enhancement of wheat productivity. It is obvious that wheat is one of the major staple crops grown globally. This crop has widely been researched on considering that, for instance, it is afflicted by various abiotic and biotic stresses that limit its growth and productivity. Today’s goal of wheat improvement consistently is to develop varieties that are high yielding with good processing and technological qualities, well adapted and tolerant to prevailing biotic and abiotic stresses. Therefore, this is a valuable reference book on wheat improvement, agronomy, and end-use qualities, particularly for those who work in research organizations and higher academic institutions. Moreover, it provides an invaluable resource for readers interested in a quick review of trending topics in wheat.

⇒ Ausführliche Angaben: HT020308266

**Oz, Gul Cevahir / Kavakli, I. Halil / Caliskan, Mahmut: Carbohydrate**
English. Inhaltliche Zusammenfassung: Carbohydrates are the most abound macromolecules on earth, and they serve different functions within the cell. The purpose of the book is to provide a glimpse into various aspects of carbohydrates by presenting the research of some of the scientists who are engaged in the development of new tools and ideas used to reveal carbohydrate metabolism in health and diseases and as material to mimic the carbohydrate surfaces that take part in molecular recognition, often from very different perspectives. This book covers broad topics in carbohydrate including quality carbohydrates on the prevention and therapy of noncommunicable diseases, lactate, and glycolysis, as biomass in biofuel production, targets for cancer treatment and as biomaterial.

⇒ Ausführliche Angaben: HT020308217

**Oz, Helieh S. / Nissapatorn, Veeranoot: Chagas Disease - Basic Investigations and Challenges**
English. Inhaltliche Zusammenfassung: This book contains 11 chapters of significant and updated materials on what we know and what we lack and need in better understanding of Trypanosoma cruzi - a parasite that never dies - and the consequences of Chagas disease as one of the most important neglected parasitic diseases threatening the global health and well-being. This book is intended to increase the readers enthusiasm to explore the four sections of the contents: Section 1 begins with biochemistry, pathophysiology, histo-immunological study, and findings to assist in the diagnosis; Section 2 further investigates the role of vector in propagation of the parasite, the intensity on epidemiology, and the severity on clinical aspects, which help us to be well perceived on the course of disease; Section 3 is seeking beyond modern medicine and what lays in the nature that helps fight against this parasite; and the last section, Section 4, deals with the impacts of public health problem and the control strategies on Chagas disease.
Ozbak, Hani / Hemeg, Hassan / Afrin, Farhat: Vaccines
English. Inhaltliche Zusammenfassung: Microbes that elude hosts defenses and have de-veloped resistance to the existing antibiotic arsenal continuously invade the human body. Cure for such diseases is inevitable as it may result in high morbidity and mortality, if not properly treated. Vaccination represents the most cost-effective way for disease prevention. Vaccines activate sentinels of the immune system including macrophages and T, B, and dendritic cells to release a battery of effector molecules and cytokines and ward off infection. For long-lasting protection, the memory cells also need to be evoked. This book encompasses biotechnological vaccines in clinical use, cocooning, disease resurgence postvaccination and other vaccine adverse effects, prospects of therapeutic versus prophylactic vaccines, and design of effective vaccines using bioinformatic tools and engineering molecular pattern interactions.

Ozcan, Elif / Alonso, Miguel Bruns: Proceedings of the Conference on Design and Semantics of Form and Movement - Sense and Sensitivity, DeSForM 2017
English. Inhaltliche Zusammenfassung: This year we celebrate the 10th edition of the DeSForM conference series. In 2005, DeSForM was born in (Eindhoven) the Netherlands with the premise of creating meaning through objects, interactions and people. Over the years, the DeSForM community has explored and designed objects through a multi-sensorial approach always aiming at enriching users experiences with them. Throughout previous editions, we have seen the development from digital and mechanical objects that had enriched sensorial presence to adaptive and intelligent objects that feel almost analogous to reality given their increased information processing power and sensory resolution. These are thanks to the recent developments in the material sciences, robotics, information and sensor technology, and improved production techniques. Consider, for example, developments in wearables and embedded or computational materials. Consequently, the arena that belongs to design researchers and practitioners has gotten more sophisticated by being more technical, but also raises new questions regarding the effect and the impact of the new technologically rich designs. In 2017, DeSForM is returning to its place of birth opening up to a broader audience with deeper insights to debate about the future of dynamic form giving and its effects on people and their environment.

Ozmen, Hayri Baytan / Yilmaz, Salih: High Performance Concrete Technology and Applications
English. Inhaltliche Zusammenfassung: Concrete is widely used because of its versatility, affordability, and availability of raw materials, strength, and durability. Urban development that took place through the world in the last few decades yielded significant developments for concrete technology. The term high-performance concrete (HPC) is relatively new, and it refers to many properties such as strength, durability, sound and heat insulation, waterproofing, and side advantages such as air purification, self-cleaning, et cetera Researchers and engineers are constantly working for improving concrete properties. This book provides the state of the art on recent progress in the high-performance concrete applications written by researchers and experts of the field. The book should be useful to graduate students, researchers, and practicing engineers in related fields.

Pacanoski, Zvonko: Herbicide Resistance in Weeds and Crops
English. Inhaltliche Zusammenfassung: Herbicides are the dominant technology and the most effective weed control tools ever developed that are used for the control of weeds that infest
crops. Over the last several decades, in situations of intense herbicide usage, there have been many examples of the evolution of weed populations resistant to herbicides. Weed adaptations to management tactics, including biochemical mimicry in the form of evolved resistance to the herbicides used for weed control, have increased rapidly throughout agriculture and now threaten global food security. Nowadays, expended space of research activities remains to focus on the herbicide resistance to weeds and crops. The authors of Herbicide Resistance in Weeds and Crops cover various issues regarding the present relevant research.

⇒ Ausführliche Angaben: HT020308449

Pacheco, Marquidia: Green Technologies to Improve the Environment on Earth
English. Inhaltliche Zusammenfassung: The aim of this book is to compile some of the green technologies applied to improve the environment on Earth. The success of these technologies is built from humility; from this ethical principle, the concept of honest broker is defined in this work. Some of the biggest environmental problems, such as soil pollution by heavy metals and pollution from the mining industry and massive coal plants, are also addressed. Additional subjects depicted here include geothermal energy, plasma technology, and the correct use of electric vehicles, and demonstrate a promising scenario to diminish greenhouse gases. Likewise, caring for wildlife is essential; the correct use of certain technologies depicted here can contribute to their conservation.

⇒ Ausführliche Angaben: HT020309328

Pachura, Piotr: The Economic Geography of Globalization
English. Inhaltliche Zusammenfassung: Very often the process of globalization is referred to as the world economy evolution. Often we measure and study globalization in the economic relevance. The economy is possibly the most recognized dimension of globalization. That is why we see many new phenomena and processes on economic macro levels and economic sectoral horizons as well as on specific geography of globalization. The book The Economic Geography of Globalization consists of 13 chapters divided into two sections: Globalization and Macro Process and Globalization and Sectoral Process. The Authors of respective chapters represent the great diversity of disciplines and methodological approaches as well as a variety of academic culture. This book is a valuable contribution and it will certainly be appreciated by a global community of scholars.

⇒ Ausführliche Angaben: HT020309555

Pacurar, Ancuta: Applications of Design for Manufacturing and Assembly
English. Inhaltliche Zusammenfassung: The book entitled Application of Design for Manufacturing and Assembly aims to present applicable research in the field of design, manufacturing, and assembly realized by researchers affiliated to well-known institutes. The book has a profound interdisciplinary character and is addressed to researchers, engineers, PhD students, graduate and undergraduate students, teachers, and other readers interested in assembly applications. I am confident that readers will find interesting information and challenging topics of high academic and scientific level within this book. The book presents case studies focused on new design for special parts using the principles of Design for Manufacturing and Assembly (DFMA), strategies that minimize the defects in design and manufacturing applications, special devices produced to replace human activity, multiple criteria analysis to evaluate engineering solutions, and the advantages of using the additive manufacturing technology to design the next generation of complex parts, in different engineering fields.

⇒ Ausführliche Angaben: HT020309181

Pacurar, Razvan: Finite Element Method - Simulation, Numerical Analysis and Solution Techniques
English. Inhaltliche Zusammenfassung: The book entitled Finite Element Method: Simulation, Numerical Analysis, and Solution Techniques aims to present results of the applicative research performed using FEM in various engineering fields by researchers affiliated to well-known universities. The book has a profound interdisciplinary character and is mainly addressed to researchers, PhD students, graduate and undergraduate students, teachers, engineers, as well as all other readers interested in the engineering applications of FEM. I am confident that readers will find information and challenging topics of high academic and scientific level, which will encourage them to enhance their knowledge in this engineering domain having a continuous expansion. The applications presented in this book cover a broad spectrum of finite element applications starting from mechanical, electrical, or energy production and finishing with the successful simulation of severe meteorological phenomena.

⇒ Ausführliche Angaben: HT020308596

Pahlke, Jürgen: Steuerbedarf und Geldpolitik in der wachsenden Wirtschaft. Geldschöpfung als Mittel der Staatsfinanzierung
German.
⇒ Ausführliche Angaben: HT020309998

Pais, Celia / Lucas, Candida: Old Yeasts - New Questions
English. Inhaltliche Zusammenfassung: Yeast-based biotechnology traditionally regards the empirical production of fermented drinks and leavened bread, processes which surprisingly keep posing challenges and fuelling research. But yeasts nowadays also provide amenable cell factories, producing bulk and fine chemicals and molecules, and are increasingly used as tools in processes as diverse as food preservation or bioremediation. Importantly, yeasts are excellent models of cell and molecular biology for higher eukaryotes, including humans, contributing with key discoveries to understand processes and diseases. All taken, yeast-related business is worth billions, critically contributing to the economical welfare of many differently developed countries. This book provides some insights into aspects of yeast science and biotechnology less frequently addressed in the literature but nonetheless decisive to improve knowledge and, accordingly, boost up yeast-based innovation.

⇒ Ausführliche Angaben: HT020308514

Pal, Bishnu: Frontiers in Guided Wave Optics and Optoelectronics
English. Inhaltliche Zusammenfassung: As the editor, I feel extremely happy to present to the readers such a rich collection of chapters authored/co-authored by a large number of experts from around the world covering the broad field of guided wave optics and optoelectronics. Most of the chapters are state-of-the-art on respective topics or areas that are emerging. Several authors narrated technological challenges in a lucid manner, which was possible because of individual expertise of the authors in their own subject specialties. I have no doubt that this book will be useful to graduate students, teachers, researchers, and practicing engineers and technologists and that they would love to have it on their book shelves for ready reference at any time.

⇒ Ausführliche Angaben: HT020307668

Pal, Kaushik: Transparent Conducting Films
English. Inhaltliche Zusammenfassung: This book presents a significant class of materials that has recently drawn increasing interest in applications of active devices and as a critical component in any structure that requires both electrical connectivity and optical transparency. Despite their technological importance and relatively long history of utilization, our understanding of the existing set of transparent conduction oxide (TCO) material is only now receiving the kind of combined fundamental/experimental material research attention that will inevitably lead to new material discoveries and novel applications. Overall, it is clear that
transparent conducting films and transparent conductors are a vibrant field that is advancing rapidly across an ever-broadening spectrum of applications. We hope this book will provide a valuable reference for those interested in the topic and stimulate additional development of new TCO materials and their applications.

⇒ Ausführliche Angaben: HT020309420

**Palanisamy, P.N. / Rashed, M.Nageeb: Zeolites and Their Applications**
English. Inhaltliche Zusammenfassung: Zeolites are hydrated aluminosilicate minerals of the family of microporous solids. According to the US Geological Survey, there are about 40 naturally occurring zeolites, forming in sedimentary and volcanic rocks. The most commonly mined forms include clinoptilolite, chabazite and mordenite. There are over 200 synthetic zeolites. For their abundance, natural and synthetic zeolites are widely used in the industry, agriculture, water treatment, wastewater treatment and as dietary supplements to treat diarrhea, autism, cancer and other. This book Zeolites and Their Applications deals with several aspects of zeolite morphology, synthesis and applications. The book is divided into three sections and structured into nine chapters. The first section includes the introductory chapter, the second section explains mineralogy, morphology and synthesis of zeolites and the third section focuses on the different applications of both natural and synthetic zeolites. So, in this book, the readers will obtain updated information on mineralogy, morphology, synthesis and application of zeolites. Scientists from different scientific fields reported in this book their findings.

⇒ Ausführliche Angaben: HT020308798

**Palermo, Sara / Morese, Rosalba: The New Forms of Social Exclusion**
English. Inhaltliche Zusammenfassung: This is the first book that broadly delves into the theme of social exclusion and how it has changed through culture and society. It represents a very important, innovative, and current attempt to describe new forms of social exclusion in society and takes into account the contribution of different disciplines with different points of view. The authors offer a very interesting and novel contribution to the field of new forms of social exclusion, reporting their theoretical perspectives, the original results of their research, and their discussions. Exclusion is always dangerous. Inclusion is the only safety if we are to have a peaceful world. Pearl S. Buck.

⇒ Ausführliche Angaben: HT020309396

**Palma-Tenango, Mariana / García-Mateos, Rosario / Soto-Hernández, Marcos: Plant Physiological Aspects of Phenolic Compounds**
English. Inhaltliche Zusammenfassung: Phenolic compounds are considered secondary metabolites within the physiology of a plant. They have different functions, such as pollination systems, sun protection, protection against pathogens and diseases, et cetera. Research on these compounds has increased due to the number of molecules they can include and the different biological activities they demonstrate. It is important to know the methods of extracting molecules, the biosynthesis routes, and their relationship with activities that can benefit from their consumption. Therefore, the book includes chapters that provide information on extraction and optimization techniques, biosynthetic pathways, and the identification and characterization of miRNAs involved in the regulation of their biosynthesis.

⇒ Ausführliche Angaben: HT020309471

**Palmowski, Nina: Sanktionierung und Rückfälligkeit von Heranwachsenden**
German. Inhaltliche Zusammenfassung: Two different sanctioning systems are applicable to young adult offenders in Germany: juvenile criminal law and adult criminal law. The present
study provides an overview of the various sanctions applied to these adolescents aged between 18 and 20 and of their reconvictions during an observation period. Based on data from the German Federal Central Criminal Register (Bundeszentral- und Erziehungsregister), the study covers all convictions and juvenile diversional measures in a specific reference year. This data set allows a detailed examination of the applied sanctions and measures, the proportion of juvenile and adult criminal law, and the reconviction rate differentiated by gender, age, offence and other variables. The empirical analysis also addresses regional differences in sanctioning and examines, if juvenile criminal law is "milder" and/or more effective than adult criminal law - questions that play an essential role in the debate on suitable sanctions for young adults.

⇒ Ausführliche Angaben: HT020309892

Pamukçu, Burak: Angiography
English. Inhaltliche Zusammenfassung: Atherosclerotic cardiovascular disease is still the most common cause of death among adults. Its prevalence is increasing in developing countries and despite all advances in both diagnostic tools and treatment modalities, it is still very common in the developed world. Obesity, diabetes mellitus, hypercholesterolemia, and overuse of dietary salt play a pivotal role in increased cardiovascular morbidity and mortality worldwide. Current clinical efforts are mainly focused on the diagnosis and treatment of myocardial infarction. In this book we provide epidemiological data on myocardial infarction and atherosclerotic cardiovascular disease, current diagnostic biochemical tests, and management strategies. A specific patient group, children, experiencing myocardial infarction is also addressed. Current advancements in the management of myocardial infarction have decreased the morbidity and mortality from atherosclerotic cardiovascular disease and especially myocardial infarction; however, further progress can be achieved by the prevention of atherosclerotic processes by focusing on the early stages of the disease.

⇒ Ausführliche Angaben: HT020309410

Pamunuwate, Geethi / Karunaratne, Desiree Nedra: Food Additives
English. Inhaltliche Zusammenfassung: Food additives is intended to provide the readers with knowledge on some very significant aspects of the food additives currently in use. Food additives have become essential in the food sector with the rising need for food processing and preservation. However, the use of food additives is regulated imposing strict rules as the impact of those additives on health cannot be neglected. The first chapter starts off with a general overview of food additives highlighting the novel trends that enhance the attributes of those additives. Thereafter, the chapters are devoted mainly to plant-derived food additives and microbially derived food additives. The main topics discussed under additives from plant
origin are the efficacy of beetroot formulations as a source of nitrate ions, plant-derived food preservatives and plant-derived food additives used in meat and meat-based products. The further chapters discuss additives from microbial origin focusing on lactic acid bacteria and additives derived from lactic acid bacteria and food additives used in bread-making. Overall, this manuscript emphasises the concept of clean labelling and the importance of natural food additives.

⇒ Ausführliche Angaben: HT020308416

**Pan, Cheng / Zeng, Fuping / Xiao, Song: Nanomaterials Based Gas Sensors for SF6 Decomposition Components Detection**


English. Inhaltliche Zusammenfassung: The insulating medium used in gas-insulated switchgear is SF6 gas, which has been widely used in substations. Energy generated by discharge will cause the composition of SF6 and generate characteristic component gases. Diagnosing the insulation defect through analyzing the decomposed gases of SF6 by chemical gas sensors is the optimal method due to its advantages. Carbon nanotubes, TiO2 nanotubes and graphene are chosen as the gas-sensing materials to build specific gas sensors for detecting each kind of SF6 decomposed gases and then enhance the gas sensitivity and selectivity by material modification. The properties and preparation methods are introduced in this book. The author studied the micro-adsorption mechanism and macro-gas sensing properties by theoretical calculation and sensing experiment.

⇒ Ausführliche Angaben: HT020308291

**Pana, Marina: Antibiotic Resistant Bacteria - A Continuous Challenge in the New Millennium**


English. Inhaltliche Zusammenfassung: Antibiotic-resistant bacterial strains remain a major global threat, despite the prevention, diagnosis and antibiotherapy, which have improved considerably. In this thematic issue, the scientists present their results of accomplished studies, in order to provide an updated overview of scientific information and also, to exchange views on new strategies for interventions in antibiotic-resistant bacterial strains cases and outbreaks. As a consequence, the recently developed techniques in this field will contribute to a considerable progress in medical research.

⇒ Ausführliche Angaben: HT020307896

**Pana, Marina: Meningoencephalitis - Disease Which Requires Optimal Approach in Emergency Manner**


English. Inhaltliche Zusammenfassung: Meningoencephalitis remains a major global threat, despite the prevention, diagnosis, and antibiotic therapy that have been improved considerably in the last years. In this thematic issue, the scientists present their results of accomplished studies, in order to provide several guidelines regarding the strategies of diagnosis and treatment of patients with meningoencephalitis, by adding valuable data and thus helping public health decision.

⇒ Ausführliche Angaben: HT020308402

**Panagakos, Fotinos S. / Migliorati, Cesar A.: Diagnosis and Management of Oral Lesions and Conditions: A Resource Handbook for the Clinician**


English. Inhaltliche Zusammenfassung: This handbook has the goal of providing a short and objective approach to the diagnosis and management of common oral lesions and conditions likely to be encountered in the daily practice of dentistry by the general practitioner. Each of the lesions/conditions will be grouped based on their nature, inflammatory or infectious, benign or malignant, variants of normal, bony lesions, etcetera. The individual lesion/condition will be described based on common clinical signs and symptoms, differential diagnosis, best approach for diagnostic confirmation, and brief management strategy. One of the chapters is dedicated to oral hygiene and oral health maintenance recommendations. <br />

<br />
<br />
Diagnosis and Management of Oral Lesions and Conditions: A Resource Handbook for the Clinician has been produced and distributed through an educational grant from the Colgate-Palmolive Company.

⇒ Ausführliche Angaben: HT020309601

Pandey, Pratima Parashar: Pyridine
English. Inhaltsverzeichnis: This book is designed and styled in order to give researchers a vast horizon about pyridine. A deep look in the structural analysis of pyridine provides a base for all the building blocks derived from it and its applications. Pyridines and pyridine moieties are found in many natural products, such as vitamins, coenzymes, alkaloids, many drugs, and pesticides. The book is divided into three parts: the first takes to the introduction, the second part deals with composition of various compounds using heterocyclic ring of pyridine, and the third part discusses about applications of pyridine compounds.

⇒ Ausführliche Angaben: HT020308847

Panwar, Neeraj: Magnetism and Magnetic Materials
English. Inhaltsverzeichnis: The aim of the book is to provide the reader with a comprehensive overview of the current research in the interesting field of magnetism and magnetic materials. Some very interesting topics like erasing and retrieving the particular magnetic domain of a ferromagnetic thin film, the single domain behaviour of magnetic nanowire with dimension less than 100 nm, magneto-transport behaviour of Heusler alloys et cetera have been covered.

⇒ Ausführliche Angaben: HT020308982

Papadopoulos, Andreas / Devaja, Omer: Ovarian Cancer - From Pathogenesis to Treatment
English. Inhaltsverzeichnis: Ovarian cancer management is a rapidly changing field with new treatment agents available as a result of a greater understanding of the pathogenesis of this disease. In addition, both surgical and chemotherapeutic treatment strategies are evolving to maximise response in this disease. This book brings together leading specialists from around the world to discuss and outline a variety of new concepts in ovarian cancer, ranging from molecular biology and genetics through screening to both surgical and chemotherapeutic management.

⇒ Ausführliche Angaben: HT020309080

Papaelias, Mayorkinos / Márquez, Fausto Pedro García: Dependability Engineering
English. Inhaltsverzeichnis: The new technology and system communication advances are being employed in any system, being more complex. The system dependability considers the technical complexity, size, and interdependency of the system. The stochastic characteristic together with the complexity of the systems as dependability requires to be under control the Reliability, Availability, Maintainability, and Safety (RAMS). The dependability contemplates, therefore, the faults/failures, downtimes, stoppages, worker errors, et cetera Dependability also refers to emergent properties, id est, properties generated indirectly from other systems by the system analyzed. Dependability, understood as general description of system performance, requires advanced analytics that are considered in this book. Dependability management and engineering are covered with case studies and best practices. The diversity of the issues will be covered from algorithms, mathematical models, and software engineering, by design methodologies and technical or practical solutions. This book intends to provide the reader with a comprehensive overview of the current state of the art, case studies, hardware and software solutions, analytics, and data science in dependability engineering.

⇒ Ausführliche Angaben: HT020308761
**Papazian, Vatché / Coppens, d'Éeckenbrugge / Wassenaar, Tom: Living territories to transform the world**


English. Inhaltliche Zusammenfassung: What resources underpin the development of a territory? What does territorial management of resources mean? What specific characteristics and opportunities does territorial organization offer for agricultural production, regulation of sectors, and services? How are territorial public policies conceived and applied? But also, what are the limits of the territorial approach? How does a territorial approach refashion the frameworks of intervention for development? How do we implement and reinvent mechanisms to provide support, build skills, and promote production and good governance? How do we mobilize information systems, apprehend territorial dynamics, and encourage decentralized planning? Using a wide diversity of case studies, the book explores how actors, scales and scopes of intervention interact in the development of rural spaces in the countries of the Global South, both at the local level and in the global perspective of the objectives of sustainable development. The book brings together the experiences and views of more than 150 researchers and experts from CIRAD, AFD and their partners. It is aimed at researchers, engineers, professionals in the countries of the Global South, as well as students and the wider public.

⇒ Ausführliche Angaben: HT020310372

**Papier, Hans-Jürgen: Recht der öffentlichen Sachen**


German.

⇒ Ausführliche Angaben: HT020309992

**Pares-Casanova, Pere M.: New Insights into Morphometry Studies**


English. Inhaltliche Zusammenfassung: There have been brilliant studies in the field of morphometry in recent years. This book increases the literature on this domain by presenting some recent advances and emerging applications upon biological structures, ranging in a variety of purposes and objectives: from animal visual system to growth models, from amphibians to humans, all in a comprehensive and accessible way of information. All chapters are written by leading internationally recognized experts from academia, who explain their own topics in plain English and in a totally rigorous manner. Suitable for a wide range of expert readers, this book represents a high valuable work for scientists and advanced students working in biological and medical morphometric topics.

⇒ Ausführliche Angaben: HT020308351

**Parine, Narasimha Reddy: Genetic Polymorphisms**


English. Inhaltliche Zusammenfassung: The objective of this Genetic Polymorphisms book is to rehighlight and provide few updates on the role of genetic polymorphisms in medicine and agriculture, which void emerging opinion on full death of genetic polymorphisms as useful genetic markers. Chapters presented here demonstrate the future benefit of SNPs in many genetic studies as well as prognosis disease and diagnosis.

⇒ Ausführliche Angaben: HT020308427

**Parnwell, Michael / Bryant, Raymond: Environmental Change in South-East Asia**


English. Inhaltliche Zusammenfassung: Environmental Change in South-East Asia brings together scholars, journalists, consultants and NGO activists to explore the interaction of people, politics and ecology. Ostensibly green activities - plantation forestry, eco-tourism, hydro-electricity - are revealed as guises used by elites to promote their own political and economic interests. Highlighting fatal flaws in presently exclusive economic and ecological approaches, the authors stress that neither the quest for sustainable development nor the process of environmental change itself can be understood without reference to political processes.
Pascucci, Simone: Soil Contamination
English. Inhaltliche Zusammenfassung: Soil contamination has severely increased over the last decades, mainly due to petroleum hydrocarbons, solvents, pesticides, lead and other heavy metals from industrial wastes and human activities. The critical point regarding contaminated soil monitoring is the intrinsic difficulty in defining fixed monitoring variables and indicators as the establishment of any a priori criterion and threshold for soil quality can be still considered subjective. This book is organized into eight chapters and presents the state-of-the-art and new research highlights in the context of contaminated soil monitoring and remediation strategies, including examples from South America, Europe and Asia. The chapters deal with the following topics: - monitoring of dioxin, furan, hydrocarbons and heavy metals level in soils - bioindicators and biomarkers for the assessment of soil toxicity - use of reflectance spectroscopy for soil contaminants and waste material detection - remediation technologies and strategies.

English. Inhaltliche Zusammenfassung: Peoples competence has a strong influence on the strategy of human resource management, affecting daily aspects, thought patterns, and behavioral modes of executive management and employees. From a business perspective, there is a strong relationship between human capital and success and also an integral development of the human factor in all its dimensions, both personal and professional, and social competences must be a key factor to reach it. To help achieve this business excellence, it is necessary to transfer the demands of the labor market into education, and one of the ways is through methodological framework for Project Management and Management, specifically the IPMA Individual Competence Baseline, which is an essential tool for achieving economic growth, corporate development, and competitiveness.

Paterson, David Peter / Cockle, Anya: Lapiculture
French. Inhaltliche Zusammenfassung: This book, through its clear explanatory text and admirable illustrations, skilfully lays out the elements of good practice in tropical beekeeping. It explains both traditional techniques using low-cost hives and more advanced methods, pointing out the most appropriate system for the level of investment the beekeeper wishes to make. Existing beekeepers wishing to improve their techniques and those looking to start a new beekeeping enterprise will find the book invaluable.

English. Inhaltliche Zusammenfassung: The book starts with a theoretical understanding of electrocatalysis in the framework of density functional theory followed by a vivid review of oxygen reduction reactions. A special emphasis has been placed on electrocatalysts for a proton-exchange membrane-based fuel cell where graphene with noble metal dispersion plays a significant role in electron transfer at thermodynamically favourable conditions. The latter part of the book deals with two 2D materials with high economic viability and process ability and MoS2 and WS2 for their prospects in water-splitting from renewable energy.

Patil, Sharangouda J. / O., Sadashiv S.: Bovine Science - A Key to Sustainable Development
Since the beginning of civilization, humans and animals have developed very strong associations to their mutual benefits. Livestock, particularly bovines, are important contributors to total food production in the world. The social expectations in Science and Technology are increasing because of rapid advances. Prevention and control of infectious diseases in bovines have been among the top-most public health objectives in the last decade. In the present book, experts from different continents present important aspects of bovine science such as louse infestations of ruminants, cytogenetics of bovines, factors of competitiveness for bovines, feed manipulation, enhancement of conjugated linoleic acid and its bioavailability, emergence of antimicrobial resistance, and also meat quality. The aim of this book is to provide an understanding of the present scenario, advances and challenges in bovine science.

Patnaik, Amar: Fillers - Synthesis, Characterization and Industrial Application

Fillers - Synthesis, Characterization and Industrial Application comprises a set of chapters that brings an interdisciplinary perspective to accomplish a more detailed understanding of filler materials for the synthesis and characterization of different industrial applications. This book embraces all the chapters that are concerned with the effect of incorporating different fillers or particulates in fabricated composites. Significant research efforts all around the world are continuing to explore the properties of composite materials. Researchers are collectively focusing their efforts on the use of particulate fillers in composites for miscellaneous applications. This book delivers a comprehensive study associated with the sections of material science, polymer technology, anisotropic elasticity phenomena, fracture mechanics, applied mechanics, material synthesis, mechanical and thermo-mechanical characteristics, tribological behavior, et cetera.

Pattillo, Catherine / Mody, Ashoka: Macroeconomic Policies and Poverty

In this volume, world-renowned contributors, including Martin Ravallion, Michael Kremer and Robert Townsend, deal with the institutional characteristics of poverty resulting from the time pattern of aid, the nature of financial systems and the political economy of budgetary decisions. Going beyond the traditional literature on poverty, this original book deals with themes of broad interest to both scholars and policymakers in a clear yet technically sophisticated manner. Departing from conventional methods employed in poverty studies, these innovative essays enquire into the institutional characteristics of poverty, and using current case studies, they examine the crucial idea that periods of crises seriously affect poverty.


A sustainable future for our information society relies on bridging the gap between the energy required to operate portable ICT devices with the energy available from portable/mobile sources. The only viable solution is attacking the gap from both sides, id est to reduce the amount of energy dissipated during computation and to improve the efficiency in energy harvesting technologies. This requires deeper and broader knowledge of fundamental processes and thorough understanding of how they apply to materials and engineering at the nanoscale, all the way up to the design of energy-efficient electronics. This textbook is a first attempt to discuss such concepts towards Zero-Power ICT. The content is accessible to advanced undergraduates and early year researchers fascinated by this topic. The book is realized through the EU-funded ZEROPOWER project.

⇒ Ausführliche Angaben: HT020309270

⇒ Ausführliche Angaben: HT020309313

⇒ Ausführliche Angaben: HT020310202
In a previous volume (ICT-Energy-Concepts Towards Zero-Power ICT; referenced below as Vol. 1), we addressed some of the fundamentals related to bridging the gap between the amount of energy required to operate portable/mobile ICT systems and the amount of energy available from ambient sources. The only viable solution appears to be to attack the gap from both sides, id est to reduce the amount of energy dissipated during computation and to improve the efficiency in energy-harvesting technologies. In this book, we build on those concepts and continue the discussion on energy efficiency and sustainability by addressing the minimisation of energy consumption at different levels across the ICT system stack, from hardware to software, as well as discussing energy consumption issues in high-performance computing (HPC), data centres and communication in sensor networks. This book was realised thanks to the contribution of the project ‘Coordinating Research Efforts of the ICT-Energy Community’ funded from the European Union under the Future and Emerging Technologies (FET) area of the Seventh Framework Programme for Research and Technological Development (grant agreement n. 611004).

This book was realised thanks to the contribution of the project ‘Coordinating Research Efforts of the ICT-Energy Community’ funded from the European Union under the Future and Emerging Technologies (FET) area of the Seventh Framework Programme for Research and Technological Development (grant agreement n. 611004).

This book was realised thanks to the contribution of the project ‘Coordinating Research Efforts of the ICT-Energy Community’ funded from the European Union under the Future and Emerging Technologies (FET) area of the Seventh Framework Programme for Research and Technological Development (grant agreement n. 611004).

This book was realised thanks to the contribution of the project ‘Coordinating Research Efforts of the ICT-Energy Community’ funded from the European Union under the Future and Emerging Technologies (FET) area of the Seventh Framework Programme for Research and Technological Development (grant agreement n. 611004).
Pavlinov, Igor Ya.: Research in Biodiversity - Models and Applications
English. Inhaltliche Zusammenfassung: The book covers several topics of biodiversity researches and uses, containing 17 chapters grouped into 5 sections. It begins with an interesting chapter considering the ways in which the very biodiversity could be thought about. Noteworthy is the chapter expounding pretty original creativity theory of ecosystem. There are several chapters concerning models describing relation between ecological niches and diversity maintenance, the factors underlying avian species imperilment, and diversity turnover rate of a local beetle group. Of special importance is the chapter outlining a theoretical model for morphological disparity in its most widened treatment. Several chapters consider regional aspects of biodiversity in Europe, Asia, Central and South America, among them an approach for monitoring conservation of the regional tropical phytodiversity in India is of special importance. Of interest is also a chapter considering the history of the very idea of biodiversity emergence in ecological researches.

Pavlov, Atanas / Georgiev, Vasil: Alkaloids - Alternatives in Synthesis, Modification and Application
English. Inhaltliche Zusammenfassung: The book Alkaloids - Alternatives in Synthesis, Modification, and Application collects several chapters written by distinguished scientists and recognized experts in their respective fields of research. The purpose of this book is to focus the attention of a broad range of students, researchers, and specialists on some innovative and highly perspective areas in alkaloid research. The book covers several topics, guiding the readers from the development of nonconventional biotechnologies for alternative production of valuable alkaloids, through the application of modern chemical methods of asymmetric synthesis for production of synthetic and semisynthetic alkaloid derivatives, medicinal application of alkaloids as anesthetics and pain-relief drugs, analytical techniques for alkaloid profiling and their application in chemotaxonomy, quality control and standardization of raw plant material, to the importance of the control and reduction of alkaloid contents during production of animal feedstuffs.

Pawlita, Leonie: Staging Doubt. Skepticism in Early Modern European Drama
English. Inhaltliche Zusammenfassung: This volume considers the influential revival of ancient philosophical skepticism in the 16th and early 17th centuries and investigates, from a comparative perspective, its reception in early modern English, Spanish and French drama, dedicating detailed readings to plays by Shakespeare, Calderón, Lope de Vega, Rotrou, Desfontaines, and Cervantes. While all the plays employ similar dramatic devices for putting skepticism on stage, the study explores how these dramas, however, give different answers to the challenges posed by skepticism in relation to their respective historico-cultural and ideological contexts.

Paxton, James: Topics on Drug Metabolism
English. Inhaltliche Zusammenfassung: In order to avoid late-stage drug failure due to factors such as undesirable metabolic instability, toxic metabolites, drug-drug interactions, and polymorphic metabolism, an enormous amount of effort has been expended by both the pharmaceutical industry and academia towards developing more powerful techniques and screening assays to identify the metabolic profiles and enzymes involved in drug metabolism. This book presents some in-depth reviews of selected topics in drug metabolism. Among the key topics
covered are: the interplay between drug transport and metabolism in oral bioavailability; the influence of genetic and epigenetic factors on drug metabolism; impact of disease on transport and metabolism; and the use of novel microdosing techniques and novel LC/MS and genomic technologies to predict the metabolic parameters and profiles of potential new drug candidates.

⇒ Ausführliche Angaben: HT020307850

Payan-Carreira, Rita: New Insights into Theriogenology
English. Inhaltliche Zusammenfassung: This book covers a variety of topics on animal reproduction and reproductive medicine. With evolving technology and a continual increase in knowledge, regarding domestic pets or agricultural animals, new information is available on diverse topics in this broad field. The book contents reflect the individual experience of authors, who developed a number of themes identified as attracting interest in the field. As it is, new opportunities were opened for productive collaboration. We have tried to provide you with current, specialised information that may be useful to students, clinicians and researchers. We hope this book inspires you to embrace these themes, foster the debate on particular topics and may be used as a start-up source for exploring the theriogenology field.

⇒ Ausführliche Angaben: HT020309144

Pech-Canul, Ángel de la Cruz / Solís-Oviedo, Rosa Lidia: Frontiers and New Trends in the Science of Fermented Food and Beverages
English. Inhaltliche Zusammenfassung: From time immemorial fermented foods have undoubtedly contributed to the progress of modern societies. Historically, ferments have been present in virtually all human cultures worldwide, and nowadays natives from many ancient cultures still conduct a wide variety of food fermentations using deep-rooted recipes and processes. Within the last four centuries, scientific research has started to unravel many aspects of the biological process behind fermentations, which has contributed to the improvement of many industrial processes. During our journey in the research field, we have always been attracted to the development of scientific research around fermentations, especially autochthonous ferments: a natural repository of novel biomolecules and biological processes that will positively impact on many application fields from health, to food, to materials.

⇒ Ausführliche Angaben: HT020309266

Pedersen, Susan / Mandler, Peter: After the Victorians
English. Inhaltliche Zusammenfassung: Written by a team of eminent historians, these essays explore how ten twentieth-century intellectuals and social reformers sought to adapt such familiar Victorian values as ‘civilisation’, ‘domesticity’, ‘conscience and improvement to modern conditions of democracy, feminism and mass culture. Covering such figures as J.M. Keynes, E.M. Forster and Lord Reith of the BBC, these interdisciplinary studies scrutinize the children of the Victorians at a time when their private assumptions and public positions were under increasing strain in a rapidly changing world. After the Victorians is written in honour of the late Professor John Clive of Harvard, and uses, as he did, the method of biography to connect the public and private lives of the generations who came after the Victorians.

⇒ Ausführliche Angaben: HT020310313

Peeters, Alain / Van Gils, Bert / De Vliegher, Alex: Grasslands and Herbivore Production in Europe and Effects of Common Policies
English. Inhaltliche Zusammenfassung: The European project Multisward ( http://www.multisward.eu/multisward_eng/ ) aims at supporting developments and innovations in grassland use and management in different European farming systems (including low-input and organic farming systems), pedoclimatic and socio-economic conditions i) to enhance the role of grasslands at farm and landscape levels to produce environmental
goods and to limit the erosion of biodiversity and ii) to optimise economic, agronomic and nutritional advantages for the development of innovative and sustainable ruminant production systems. The identification of the innovations and their implementation required an exhaustive analysis of the state of grasslands and herbivore production in Europe including how they changed over decades. The effects of public policies were investigated. The results of this analysis are published in the present book.

⇒ Ausführliche Angaben: HT020310350

**Peetz, David: The Realities and Futures of Work**

English. Inhaltliche Zusammenfassung: What do we know about the current realities of work and its likely futures? What choices must we make and how will they affect those futures? Many books about the future of work start by talking about the latest technology, and focus on how technology is going to change the way we work. And there is no doubt that technology will have huge impacts. However, to really understand the direction in which work is going, and the impact that technology and other forces will have, we need to first understand where we are. This book covers topics ranging from the ‘mega-drivers of change’ at work, power, globalisation and financialisation, to management, workers, digitalisation, the gig economy, gender, climate change, regulation and deregulation. In doing this, it refers to some of the great works of science fiction. It demolishes several myths, such as that the employment relationship is doomed, that we are all heading to becoming ‘freelancers’ or ‘gig workers’ one day, that most jobs will be destroyed by technological change, that the growth in jobs will mainly be in STEM fields, that we will no longer value collectivism as we will all be ‘individuals’, or that the death of unionism is inevitable. The Realities and Futures of Work also rejects the idea of technological determinism—that whatever will be, will be, thanks to technological change—and so it refuses to accept that we simply need to prepare to adapt ourselves to the future by judicious training since there is nothing else we can do about it. Instead, this book provides a realistic basis for thinking about both the present and the future. It emphasises the choices we make, and the implications of those choices for the future of work.

⇒ Ausführliche Angaben: HT020309855

**Peissl, Walter / Bellanova, Rocco / Cas, Johann: Surveillance, Privacy and Security**

English. Inhaltliche Zusammenfassung: This volume examines the relationship between privacy, surveillance and security, and the alleged privacy-security trade-off, focusing on the citizen’s perspective. Recent revelations of mass surveillance programmes clearly demonstrate the ever-increasing capabilities of surveillance technologies. The lack of serious reactions to these activities shows that the political will to implement them appears to be an unbroken trend. The resulting move into a surveillance society is, however, contested for many reasons. Are the resulting infringements of privacy and other human rights compatible with democratic societies? Is security necessarily depending on surveillance? Are there alternative ways to frame security? Is it possible to gain in security by giving up civil liberties, or is it even necessary to do so, and do citizens adopt this trade-off? This volume contributes to a better and deeper understanding of the relation between privacy, surveillance and security, comprising in-depth investigations and studies of the common narrative that more security can only come at the expense of sacrifice of privacy. The book combines theoretical research with a wide range of empirical studies focusing on the citizen’s perspective. It presents empirical research exploring factors and criteria relevant for the assessment of surveillance technologies. The book also deals with the governance of surveillance technologies. New approaches and instruments for the regulation of security technologies and measures are presented, and recommendations for security policies in line with ethics and fundamental rights are discussed. This book will be of much interest to students of surveillance studies, critical security studies, intelligence studies, EU politics and IR in general. A PDF version of this book is available for free in open access via www.tandfebooks.com. It has been made available under a Creative Commons Attribution-Non Commercial 3.0 license.
Pejovic, Milic M. / Pejovic, Momcilo M.: Different Types of Field-Effect Transistors - Theory and Applications
English. Inhaltliche Zusammenfassung: In 1959, Atalla and Kahng at Bell Labs produced the first successful field-effect transistor (FET), which had been long anticipated by other researchers by overcoming the surface states that blocked electric fields from penetrating into the semiconductor material. Very quickly, they became the fundamental basis of digital electronic circuits. Up to this point, there are more than 20 different types of field-effect transistors that are incorporated in various applications found in everyday life. Based on this fact, this book was designed to overview some of the concepts regarding FETs that are currently used as well as some concepts that are still being developed.

Pektas, Serafettin / Leman, Johan: Militant Jihadism
English. Inhaltliche Zusammenfassung: Jihadist militants keep being a global threat. Many observers suggest that a transformation is likely to happen in their organisation, operation, mobilisation, and recruitment strategies, particularly after the territorial decline of the "Caliphate" of the "Islamic State." This volume explores different aspects of the future trajectories of militant jihadism and the prospective transformation of this movement in and around Europe. The authors analyse the changing jihadist landscape and networks, and the societal challenges posed by both returned foreign terrorist fighters and those who have not returned to their countries of origin. Other topics of discussion are cyber jihadism, jihadist financing, womens position in and relevance for contemporary jihadism, the role of prisons in relation to radicalisation and militancy, and the changing theological dynamics. Based on recent empirical research, Militant Jihadism offers a solid scholarly contribution to various disciplines that study violence, terrorism, security, and extremism.Contributors: Mohamed-Ali Adraoui (Georgetown University), Laith Alkhouri (Flashpoint), Nadim Houry (Arab Reform Initiative), Adolfo Gatti (Lumina Analytics), Stef Janssens (MYRIA), Johan Leman (KU Leuven), Serafettin Pektas (Researcher), Anita Peresin (Office of the National Security Council of the Republic of Croatia), Teun van Dongen (Independent Security Expert), Arturo Varvelli (ISPI).

Pelayo, Rosana: Advances in Hematopoietic Stem Cell Research
English. Inhaltliche Zusammenfassung: This book provides a comprehensive overview in our understanding of the biology and therapeutic potential of hematopoietic stem cells, and is aimed at those engaged in stem cell research: undergraduate and postgraduate science students, investigators and clinicians. Starting from fundamental principles in hematopoiesis, Advances in Hematopoietic Stem Cell Research assemble a wealth of information relevant to central mechanisms that may regulate differentiation, and expansion of hematopoietic stem cells in normal conditions and during disease.

Pelletier, Philippe / Hein, Carola: Cities, Autonomy, and Decentralization in Japan
English. Inhaltliche Zusammenfassung: Adding a new perspective to the current literature on decentralization in Japan, Cities, Autonomy and Decentralization in Japan, approaches the subject from an urban studies and planning approach. The essays in the collection present a cogent compilation of case studies focusing on the past, present and future of decentralization in Japan. These include small scale development in the fields such as citizen participation
(machizukuri), urban form and architecture, disaster prevention and conservation of monuments. The contributors suggest that new trends are emerging after the bursting of Japan's economic bubble and assess them in the context of the country's larger socio-political system. This in-depth analysis of the development outside of Japan provides a valuable addition to students of Urban, Asian and Japanese Studies.

⇒ Ausführliche Angaben: HT020310291

Peña-Acuña, Beatriz: Digital Communication Management
English. Inhaltsliche Zusammenfassung: The director of communication is an impassioned profession that discovers which strategies are the best and the most intelligent. There are few manuals, and there are some that offer general and sparsely updated information about the change that new technologies imply. We find the literature isolated that can be directly useful. However, we will say that there is no single recipe for DirCom or communication consultants. Each one will offer different models according to the variables or factors that seem to them to be able to rectify the direction of a company according to his or her personal mood.

⇒ Ausführliche Angaben: HT020308974

Peng, Xihong: Nanowires - Recent Advances
English. Inhaltsliche Zusammenfassung: One dimensional nanoscale structures such as nanowires have drawn extensive research interests in recent years. The size miniature brings unique properties to nanowires due to quantum confinement. The large surface-to-volume ratio renders nanowires with high sensitivity to surface effects. The unique geometrical advantages and properties facilitate the utilization of nanowires in nano-electronics. InTech scientific publisher has initialized a series of books focusing on fundamental research in nanowires, which largely boosted the widespread of knowledge among the research society. This book is intended to provide an updated review on the applications of various nanowires and the associated advancements in synthesis and properties characterization. The topics include recent progress in metal oxide nanowires, silicon nanowires, carbon based nanotubes and nanowires.

⇒ Ausführliche Angaben: HT020309588

Pennini, Andrea / Ternavasio, Enrico Genta / Franco, Davide De: "UNE TRÈS-ANCIENNE FAMILLE PIÉMONTAISE". I TAPARELLI NEGLI STATI SABAUDI(XVII-XIX SECOLO)

⇒ Ausführliche Angaben: HT020309875

Peppin, John F. / Cherry, Mark J.: Annals of Bioethics: Regional Perspectives in Bioethics
Regional Perspectives in Bioethics illustrates the ways in which the national and international political landscape encompasses persons from diverse and often fragmented moral communities with widely varying moral intuitions, premises, evaluations and commitments.

⇒ Ausführliche Angaben: HT020310311

**Perakovic, Dragan: E-Business - State of the Art of ICT Based Challenges and Solutions**


English. Inhaltliche Zusammenfassung: In this book, authors provide latest results of scientific research projects within the area of e-business: Challenges of Information and Communication Technology Usage in E-business Systems; A Proposal for Brand Analysis with Opinion Mining; Customers Online Interaction Experiences with Fashion Brands; E-information and E-buying; Payment Systems Determination by Universal Financial Industry Message Scheme According to Single Euro Payment Area; and CSFs for SMEs in Measuring E-commerce Success.

⇒ Ausführliche Angaben: HT020308130

**Pereira, Celso: Asthma - Biological Evidences**


English. Inhaltliche Zusammenfassung: Asthma is a prevalent disease in all age groups that results from different pathogenic mechanisms, cells, and mediators engaged in innumerable clinical phenotypes and endotypes. This book exhaustively and didactically explores the biological expression of numerous cells and mediators involved in bronchial inflammation. The information provided aims at identifying the diversity and complexity of the interrelationships between the different players, drawing attention to critical mechanisms in asthma. It also highlights the requirement of new tools to identify strong biomarkers absolutely critical for managing asthma.

⇒ Ausführliche Angaben: HT020309513

**Perera, Piyumali K. / Abubakar, Muhammad: Ticks and Tick-Borne Pathogens**


English. Inhaltliche Zusammenfassung: It is vital to understand ticks and tick-borne pathogens as well as their impact on humans. This book is intended for students in parasitology, biologists, parasitologists involved in molecular diagnostics of tick-borne diseases, practicing veterinarians, and for others who may require information on ticks and tick-borne diseases. Here we have put together a collection of chapters focused on different aspects of ticks and tick-borne diseases mainly to provide the reader with novel information in the field, but not the basic generalised information provided by many textbooks. This book includes topics such as high-throughput technologies in diagnosis, discovery of novel tick vaccines, identification of new pathogens transmitted by ticks, and new epidemiological information of certain well-known ticks and tick-borne diseases. These chapters were authored by parasitologists from all over the world, giving an insight to the reader about significant ticks and tick-borne diseases prevalent in those particular geographical regions with the local experts point of view. Each of the chapters has separate reference lists, making it easier for the reader to find additional reading material related to their topic of interest.

⇒ Ausführliche Angaben: HT020309295

**Perez, David Pozo: Silver Nanoparticles**


English. Inhaltliche Zusammenfassung: Nanotechnology will be soon required in most engineering and science curricula. It cannot be questioned that cutting-edge applications based
on nanoscience are having a considerable impact in nearly all fields of research, from basic to more problem-solving scientific enterprises. In this sense, books like "Silver Nanoparticles" aim at filling the gaps for comprehensive information to help both newcomers and experts, in a particular fast-growing area of research. Besides, one of the key features of this book is that it could serve both academia and industry. "Silver nanoparticles" is a collection of eighteen chapters written by experts in their respective fields. These reviews are representative of the current research areas within silver nanoparticle nanoscience and nanotechnology.

⇒ Ausführliche Angaben: HT020307672

Perez-de-Tejada, Hector: Vortex Dynamics and Optical Vortices
English. Inhaltliche Zusammenfassung: The contents of the book cover a wide variety of topics related to the analysis of the dynamics of vortices and describe the results of experiments, computational modeling and their interpretation. The book contains 13 chapters reaching areas of physics in vortex dynamics and optical vortices including vortices in superfluid atomic gases, vortex laser beams, vortex-antivortex in ferromagnetic hybrids, and optical vortices illumination in chiral nanostructures. Also, discussions are presented on particle motion in vortex flows, on the simulation of vortex-dominated flows, on vortices in saturable media, on achromatic vortices, and on ultraviolet vortices. Fractal light vortices, coherent vortex beams, together with vortices in electric dipole radiation, and spin wave dynamics in magnetic vortices are examined as well.

⇒ Ausführliche Angaben: HT020308162

Perez-de-Tejada, Hector: Vortex Structures in Fluid Dynamic Problems
English. Inhaltliche Zusammenfassung: The contents of the book cover topics on vortex dynamics in a variety of flow problems and describe observational measurements and their interpretation. The book contains 13 chapters that first include vortices in the earth and planetary sciences related to vortices in the Venus plasma wake and also on tropical cyclones and on rotating shallow water in the earths atmosphere. Vortices in fluid problems include airplane wake vortices, vorticity evolution in free-shear flows, together with axisymmetric flows with swirl, as well as thermal conductivities in fluid layers. Vortices in relativistic fluids, in magnetic disks, solitons and vortices, and relaxation for point vortices were also examined. Other chapters describe conditions in a vortex bioreactor and in vortex yarn structures.

⇒ Ausführliche Angaben: HT020308164

Perez-Taborda, Jaime Andres / Bernal, Alba G. Avila: Coatings and Thin-Film Technologies
English. Inhaltliche Zusammenfassung: The field of coatings and thin-film technologies is rapidly advancing to keep up with new uses for semiconductor, optical, tribological, thermoelectric, solar, security, and smart sensing applications, among others. In this sense, thin-film coatings and structures are increasingly sophisticated with more specific properties, new geometries, large areas, the use of heterogeneous materials and flexible and rigid coating substrates to produce thin-film structures with improved performance and properties in response to new challenges that the industry presents. This book aims to provide the reader with a complete overview of the current state of applications and developments in thin-film technology, discussing applications, health and safety in thin films, and presenting reviews and experimental results of recognized experts in the area of coatings and thin-film technologies.

⇒ Ausführliche Angaben: HT020309178

Pernice, Ingolf / Wendel, Mattias / Mesquita, Maria José Rangel de: Brexit and the Future of EU Politics

⇒ Ausführliche Angaben: HT020309841

Perveen, Farzana: Insecticides - Advances in Integrated Pest Management
English. Inhaltliche Zusammenfassung: This book contains 30 Chapters divided into 5 Sections. Section A covers integrated pest management, alternative insect control strategies, ecological impact of insecticides as well as pesticides and drugs of forensic interest. Section B is dedicated to chemical control and health risks, applications for insecticides, metabolism of pesticides by human cytochrome p450, et cetera Section C provides biochemical analyses of action of chlorfluazuron, pest control effects on seed yield, chemical ecology, quality control, development of ideal insecticide, insecticide resistance, et cetera Section D reviews current analytical methods, electroanalysis of insecticides, insecticide activity and secondary metabolites. Section E provides data contributing to better understanding of biological control through Bacillus sphaericus and B. thuringiensis, entomopathogenic nematodes insecticides, vector-borne disease, et cetera The subject matter in this book should attract the readers concern to support rational decisions regarding the use of pesticides.

⇒ Ausführliche Angaben: HT020307823

Perveen, Farzana: Insecticides - Pest Engineering
English. Inhaltliche Zusammenfassung: This book is compiled of 24 Chapters divided into 4 Sections. Section A focuses on toxicity of organic and inorganic insecticides, organophosphorus insecticides, toxicity of fenitrothion and permethrin, and dichlorodiphenyltrichloroethane (DDT). Section B is dedicated to vector control using insecticides, biological control of mosquito larvae by Bacillus thuringiensis, metabolism of pyrethroids by mosquito cytochrome P40 susceptibility status of Aedes aegypti, et cetera Section C describes bioactive natural products from sapindacea, management of potato pests, flower thrips, mango mealy bug, pear psylla, grapes pests, small fruit production, boll weevil and tsetse fly using insecticides. Section D provides information on insecticide resistance in natural population of malaria vector, role of Anopheles gambiae P450 cytochrome, genetic toxicological profile of carbofuran and pirimicarp carbamic insecticides, et cetera The subject matter in this book should attract the readers concern to support rational decisions regarding the use of pesticides.

⇒ Ausführliche Angaben: HT020307841

Perveen, Farzana Khan: Drosophila melanogaster - Model for Recent Advances in Genetics and Therapeutics
English. Inhaltliche Zusammenfassung: This book contains 12 chapters divided into two sections. Section 1 is Drosophila - Model for Genetics. It covers introduction, chromosomal polymorphism, polytene chromosomes, chromosomal inversion, chromosomal evolution, cell cycle regulators in meiosis and nongenetic transgenerational inheritance in Drosophila. It also includes ecological genetics, wild-type strains, morphometric analysis, cytostatics, frequencies of early and late embryonic lethals (EEL and LEL) and mosaic imaginal discs of Drosophila for genetic analysis in biomedical research. Section 2 is Drosophila - Model for Therapeutics. It
explains Drosophila as model for human diseases, neurodegeneration, heart-kidney metabolic disorders, cancer, pathophysiology of Parkinson's disease, dopamine, neuroprotective therapeutics, mitochondrial dysfunction and translational research. It also covers Drosophila role in ubiquitin-carboxyl-terminal hydrolase-L1 (UCH-L1) protein, eye development, anti-UCH antibody, neuropathy target esterase (NTE), organophosphorous compound-induced delayed neuropathy (OPIDN) and hereditary spastic paraplegia (HSP). It also includes substrate specificities, kinetic parameters of recombinant glutathione S-transferases E6 and E7 (DmGSTE6 and DmGSTE7), detoxification and insecticidal resistance and antiviral immunity in Drosophila.

⇒ Ausführliche Angaben: HT020308592

Perveen, Farzana Khan: Lepidoptera
English. Inhaltsliche Zusammenfassung: This book contains seven chapters divided into two sections. The first section is Lepidoptera Systematics. It covers introduction classification and external and internal morphology. It also includes the importance and modern approaches of Lepidoptera collection curation and data management. It also describes molecular phylogeny and taxonomy of Lepidoptera for ecological and evolutionary studies. The second section, Lepidoptera as a Model for Research, describes eyespot color pattern formation mechanism in the peacock pansy, Junonia almana (L.). The complete mitochondrial genome of the American potato tuberworm, Tecia solanivora (Povolny), is presented to study a mitogenome in insects. Lepidoptera are sensitive to physical and climatic changes. Therefore, their taxocenotic and biocenotic study was conducted in three environments, id est, the grassland, forest, and ecotone of Rucamanque, a forest remnant.

⇒ Ausführliche Angaben: HT020308508

Perveen, Farzana Khan: Recent Advances in Biopolymers
English. Inhaltsliche Zusammenfassung: This book contains 10 Chapters divided into three Sections. Section A covers synthesis of biopolymers. Lignocellulosic feedstock contains cellulose, hemicellulose, and lignin, which are used for synthesis of biopolymers. Polymer-coated noble metal nanoparticles are used in nanobiomedicine and fundamental biomaterials. Section B describes applications of biopolymers in biomedical, antimicrobial, industrial, nanotechnology, laser-based thin films, and regenerative medicines. Section C is dedicated for advancement and engineering in biopolymers for personal protective garments, equipments, membrane separation processes, purifications, and new generation of high-performance biomaterials. A new numerical-cum-graphical method called TI2BioP (Topological Indices to Biopolymers) has been developed to estimate topological indices (TIs) from two-dimensional (2D) graphical approaches for the natural biopolymers DNA, RNA, and proteins.

⇒ Ausführliche Angaben: HT020308007

Pessels, Constance: The present and past periphrastic tenses in Anglo-Saxon
English.

⇒ Ausführliche Angaben: HT020309944

English. Inhaltsliche Zusammenfassung: Nowadays, nanomaterials are attracting huge attentions not only from a basic research point of view but also for their potential applications. Since finding the structure-property-processing relationships can open new windows in the application of materials, the material characterizations play a crucial role in the research and development of materials science. The increasing demand for energy with the necessity to find alternative renewable and sustainable energy sources leads to the rapid growth in
attention to energy materials. In this book, the results of some outstanding researches on synchrotron-based characterization of nanostructured materials related to energy applications are presented.

⇒ Ausführliche Angaben: HT020308192

Petit, Carlos: Un Código civil perfecto y bien calculado. El proyecto de 1821 en la historia de la codificación
spa. Inhaltliche Zusammenfassung: A study of the (incomplete) draft of the Civil Code drawn up by the Cortes in 1821, within the framework of the ideas and texts of the contemporary European codification. It reconstructs the parliamentary life of the text in the Spanish Cortes and the biographies of the deputies who worked on it, in particular Nicolás Mà Garelly. The analysis of three relevant issues addressed by Garelly and his colleagues - namely the theory of legislation, the conditions affecting the legal status of individuals, their civil rights - completes the monograph, which also includes a new edition of the printed booklet (December 1821) that constitutes our sole source of knowledge. — Estudio del (incompleto) proyecto de Código civil elaborado por las Cortes en 1821, en el marco de las ideas y textos de la codificación civil europea del momento y de la Constitución de 1812. Se reconstruye la vida parlamentaria del intento de las Cortes y las biografías de los diputados que estuvieron tras su elaboración, en particular el valenciano Nicolás Mà Garelly. El análisis de tres relevantes cuestiones abordadas por Garelly y sus colegas -la teoría de la ley, las condiciones que afectaban el estatuto jurídico de los individuos, los derechos civiles de éstos completa la monografía, que incluye una nueva edición del folleto impreso (en diciembre de 1821) que constituye nuestra única fuente de conocimiento.

⇒ Ausführliche Angaben: HT020307536

Petit, Carlos (editor): Derecho ex cathedra. 1847-1936 Diccionario de catedráticos españoles
spa. Inhaltliche Zusammenfassung: Las 514 biografías que se ofrecen en este Diccionario corresponden a los catedráticos de derecho que ejercieron su magisterio en las universidades españolas entre 1847 (fecha del primer escalafón) y 1936 (antes de la interrupción que provocó la guerra). Es el periodo de la universidad liberal, cuando la enseñanza y la investigación se estructuraban en torno a la cátedra. De ahí que estas voces no solo permitan caracterizar un cuerpo docente, ayudan también a reconstruir una etapa de la ciencia jurídica española. En su elaboración han participado 43 investigadores vinculados a distintas universidades españolas.

⇒ Ausführliche Angaben: HT020309697

Petöfi, János S. / Dijk, Teun A. van: Grammars and Descriptions (Study in Text Theory and Text Analysis)
English.
⇒ Ausführliche Angaben: HT020309980

Petrescu, Stefana: Glycosylation
English. Inhaltliche Zusammenfassung: This book, outlining the concepts of glycobiology, is a suite of reviews and articles written by a team of acknowledged researchers and covers some of the key topics in the field. Covering a wide range of theoretical and practical issues in the field of glycobiology, the Glycosylation book will be of immediate value for students, academics and researchers involved in drug glycoengineering and biomedical research.

⇒ Ausführliche Angaben: HT020307922

Petriciolet, Adrian Bonilla / Montoya, Virginia Hernandez: Lignocellulosic Precursors Used in the Synthesis of Activated Carbon - Characterization Techniques and Applications in the Wastewater Treatment
The present book discusses the principal lignocellulosic precursors used in the elaboration of activated carbons in different countries such as Asia, America, Europe and Africa; the different methods and experimental conditions employed in the synthesis of activated carbons, including one analysis of the principal stages of the preparation such as carbonization and activation (i.e., chemical or physical activation). Also, the recent and more specialized techniques used in the characterization of activated carbons are discussed in this book. For example, the techniques employed to determine textural parameters (mercury porosimetry and gas adsorption isotherms at 77 K) and different spectroscopies to determine chemical functionality (Raman, FT-IR, et cetera) and other X-Ray techniques. Additionally, an overview of the application of activated carbons obtained from lignocellulosic precursors for wastewater treatment. Specifically, the analysis and discussion are focused on the advantages and capabilities of activated carbons for the removal of relevant toxic compounds and pollutants from water such as heavy metals, dyes, phenol, et cetera. Finally, the use of pyrolysis method for the valorization of two Mexican typical agricultural wastes (orange peel and pecan nut shell) for energy and carbon production is considered in this book.


Risk management is an interdisciplinary discipline that involves several aspects. It is absolutely necessary to make sure we manage risks in order to minimize their threats and maximize their potential. This book tries to investigate the complexity that characterizes risk management. It contains original research and application chapters from different perspectives and covers different areas such as human aspects, emergency management, cognitive factors, software engineering, and marketing. The idea of the book is to expand the readers' consciousness to deal with problems regarding risk management.

Petrov, Julia: Fashion, History, Museums

The last decade has seen the growing popularity and visibility of fashion as a cultural product, including its growing presence in museum exhibitions. This book explores the history of fashion curating and exhibitions, highlighting the continuity of past and present curatorial practices. Comparing and contrasting exhibitions from different museums and decades - from the Paris Exposition Universelle of 1900 to the Alexander McQueen Savage Beauty show at the Metropolitan Museum of Art in 2011 - it makes connections between museum fashion and the wider fashion industry. By critically analyzing trends in fashion exhibition practice over the twentieth and early twenty-first centuries, Julia Petrov defines and describes the varied representations of historical fashion within British and North American museum exhibitions.

Petrova, Radostina: Perusal of the Finite Element Method

The finite element method (FEM) is a numerical technique for finding approximate solutions to different numerical problems. The practical applications of FEM are known as finite element analysis (FEA). FEA is a good choice for analyzing problems over complicated domains. The first three chapters of this book contribute to the development of new FE techniques by examining a few key hurdles of the FEM and proposing techniques to mitigate them. The next four chapters focus on the close connection between the development of a new technique and its implementation. Current state-of-the-art software packages for FEA allow the construction, refinement, and optimization of entire designs before
manufacturing. This is convincingly demonstrated in the last three chapters of the book with examples from the field of biomechanical engineering. This book presents a current research by highlighting the vitality and potential of the finite elements for the future development of more efficient numerical techniques, new areas of application, and FEAs important role in practical engineering.

⇒ Ausführliche Angaben: HT020309627

Petzold, Kay Joe: Masora und Exegese. Untersuchungen zur Masora und Bibeltextüberlieferung im Kommentar des R. Schlomo ben Yitzchaq (Raschi)


⇒ Ausführliche Angaben: HT020309959

Peyvandi, Hossein: Computational Optimization in Engineering - Paradigms and Applications

English. Inhaltliche Zusammenfassung: The purpose of optimization is to maximize the quality of lives, productivity in time, as well as interests. Therefore, optimization is an ongoing challenge for selecting the best possible among many other inferior designs. For a hundred years in the past, as optimization has been essential to human life, several techniques have been developed and utilized. Such a development has been one of the long-lasting challenges in engineering and science, and it is now clear that the optimization goals in many of real-life problems are unlikely to be achieved without resource for computational techniques. The history of such a development in the optimization techniques starts from the early 1950s and is still in progress. Since then, the efforts behind this development dedicated by many distinguished scientists, mathematicians, and engineers have brought us today a level of quality of lives. This book concerns with the computational optimization in engineering and techniques to resolve the underlying problems in real life. The current book contains studies from scientists and researchers around the world from North America to Europe and from Asia to Australia.

⇒ Ausführliche Angaben: HT020309641

Pfeiffer, Christian / Mößle, Thomas / Baier, Dirk: Die Krise der Jungen

durch andere Faktoren neben dem Geschlecht erklären? 3. Gibt es Hinweise, dass sich diese Geschlechterunterschiede in den zurückliegenden Jahren in irgendeiner Weise verändert haben?

⇒ Ausführliche Angaben: HT020307582

**Pfeiffer, Kerstin / McKerrell, Simon: Chapter 2 On the relationship between performance and intangible cultural heritage**


English. Inhaltsübersicht: This chapter deliberately ranges across disciplines because we wish to movetowards a better understanding of the notion of performance in relation to ICH, where both terms are inherently transdisciplinary. We first examine the concept of performance as it is understood in Theatre and Performance Studies, focussing on those aspects which are pertinent to ICH - embodiment, liminality and efficacy. Second, we turn to Heritage Studies and outline how ideas of and about performance shape our understanding of heritage and its social-cultural dimensions. Thirdly, and finally, we investigate aspects of the tension between the performance of and the research on ICH through the lens of ethnomusicology, a discipline that is shaped by the tensions between the wealth of tacit cultural knowledge acquired by learning to perform works of ICH and the need to communicate such knowledge in research outputs.

⇒ Ausführliche Angaben: HT020310419

**Pfetsch, Jan: Richtlinien zur Manuskriptgestaltung**


⇒ Ein Medium

- Freihand:

⇒ DDC (Dewey Decimal Classification):
  - 150DNB 150DNB

⇒ Regensburger Verbundklassifikation:
  - AK 39580 AK 39580
  - CM 2200 CM 2200
  - CN 2500 CN 2500

⇒ Schlagwort: Wissenschaftliches Manuskript

⇒ Ausführliche Angaben: HT019995635

**Pflüger, Claudius: Gerechter Ausgleich und angemessene Vergütung**


de. Inhaltsübersicht: The thesis examines the international and European regulations of the exceptions and limitations of copyright law and points out the leeway member states have for implementing them. The thesis analyzes solely the legal consequences of these exceptions and limitations in regard to contractual agreements. It outlines the structural concepts in InfoSocRL, UrhG, German civil law, and the law of collecting societies, and takes into account constitutional rights (GG, GRCh). The thesis also deals with the current discussion on the participation of publishers in these remuneration rights of authors. The work is aimed at authors, publishers, and collecting societies.

⇒ Ausführliche Angaben: HT020307595

**Pfungst, Arthur / Fausböll, V.: Das Sutta Nipâta. Eine Sammlung von Gesprächen welche zu den kanonischen Büchern der Buddhisten gehört**

1889. 1 electronic resource (90 pages). ISBN 97831111572840

German.

⇒ Ausführliche Angaben: HT020310008

**Pham, Phuc Van: Breast Cancer - From Biology to Medicine**

Breast Cancer - From Biology to Medicine thoroughly examines breast cancer from basic definitions, to cellular and molecular biology, to diagnosis and treatment. This book also has some additional focus on preclinical and clinical results in diagnosis and treatment of breast cancer. The book begins with introduction on epidemiology and pathophysiology of breast cancer in Section 1. In Section 2, the subsequent chapters introduce molecular and cellular biology of breast cancer with some particular signaling pathways, the gene expression, as well as the gene methylation and genomic imprinting, especially the existence of breast cancer stem cells. In Section 3, some new diagnostic methods and updated therapies from surgery, chemotherapy, hormone therapy, immunotherapy, radiotherapy, and some complementary therapies are discussed. This book provides a succinct yet comprehensive overview of breast cancer for advanced students, graduate students, and researchers as well as those working with breast cancer in a clinical setting.

⇒ Ausführliche Angaben: HT020308210

Pham, Phuc Van: Mesenchymal Stem Cells - Isolation, Characterization and Applications
English. Inhaltliche Zusammenfassung: Mesenchymal Stem Cells: Isolation, Characterization, and Applications thoroughly presents the isolation, characterization, and some applications of mesenchymal stem cells in the clinic. The book has two parts: Isolation and Characterization and Clinical Perspectives and Applications. In Part I, the subsequent chapters introduce some techniques in isolation, characterization, and purification of mesenchymal stem cells in different tissues. In Part II, some applications of mesenchymal stem cells in the popular diseases, which include cartilage regeneration, spinal cord injury, and osteoarthritis, are discussed. This book provides a succinct yet comprehensive overview of mesenchymal stem cells for advanced students, graduate students, and researchers.

⇒ Ausführliche Angaben: HT020308484

Phillips, Richard / Leak, Andrew / Forsdick, Charles: George Perec’s Geographies
English. Inhaltliche Zusammenfassung: Georges Perec, novelist, filmmaker and essayist, was one of the most inventive and original writers of the twentieth century. A fascinating aspect of his work is its intrinsically geographical nature. With major projects on space and place, Perec’s writing speaks to a variety of geographical, urban and architectural concerns, both in a substantive way, including a focus on cities, streets, homes and apartments, and in a methodological way, experimenting with methods of urban exploration and observation, classification, enumeration and taxonomy.

⇒ Ausführliche Angaben: HT020309867

Phrydas, JH: Imperial Physique
English. Inhaltliche Zusammenfassung: In 2008, JH Phrydas wrote a story about how bodies talk without words. He wanted the story to not just describe the silent ritual of nonverbal communication but to perform it. The interaction would be visceral - the exchange melancholic, yet full of lust. He wanted words to retain the unsayable: the subtle movements of a body in heat. In the years since, Phrydas kept rewriting this story, using different techniques, different syntaxes and forms, in hopes that he would find a successful method of gestural writing. Imperial Physique is a collection of these attempts. They explore the way our bodies hover between animal and human, civil and wild. The bleakness - and underlying verve - of imagining Western empires in decline serve as a backdrop for a lone figure searching city streets, decaying architecture, and sand dunes for some type of physical connection. What arises is the loss of - and longing for - touch at the edges of imperialism, historical violence, and personal shame.

⇒ Ausführliche Angaben: HT020310443

Piacentini, Arianna / Bosilkov, Ivo / De Cesari, Chiara: Chapter 1 (Why) do Eurosceptics believe in a common European heritage?
Inhaltliche Zusammenfassung: This chapter reflects on the paradox of Eurosceptic populists critical of the European Union mobilizing ideas of European values, heritage, and civilization. We examine the role of the past and especially of a certain understanding of 'European heritage' in far-right-wing populist, nationalist discourse in Europe today.

⇒ Ausführliche Angaben: HT020309701

Piccaluga, Pier Paolo: Peripheral T-cell Lymphomas
English. Inhaltliche Zusammenfassung: In this book the reader will find a collection of chapters written by different research teams describing different aspects of peripheral T-cell lymphoma pathobiology, classification, and treatment. This work is mainly addressed to researchers already working in this area, but it is also accessible to anyone with a scientific background who desires to have an updated overview of the recent progress in this domain. It will also be valuable to scientists and physicians who have become newly involved in this field. Each chapter is self-contained and can be read independently of the others. This book intends to provide highlights of the current research as well as the current gold standards for diagnosis and treatment of these diseases, showing the recent advances in the personalized approach to T-cell derived lymphomas.

⇒ Ausführliche Angaben: HT020309456

Picchio, Antonella: Unpaid Work and the Economy
English. Inhaltliche Zusammenfassung: In economics, the voluntary sector is surprisingly understudied. In order to fully understand economics, unpaid and voluntary work needs to be taken into account and afforded the same status as paid activities. This book constitutes a rigorous economic analysis with special emphasis on gender issues and covers every conceivable angle of unpaid work and all its ramifications for the modern economy. The unified vision offered by this group of leading contributors ensures this book is a work of excellent quality. There is every chance it will become a seminal study on unpaid work and as such will provide a useful reference for students and academics involved in gender studies, econometrics, and consumption studies.

⇒ Ausführliche Angaben: HT020310068

Picon, Bernard / Provansal, Mireille / Ludwig, Wolfgang: Le golfe du Lion
French. Inhaltliche Zusammenfassung: The ORME programme (Observatoire régional méditerranéen de l'environnement) is a CNRS multidisciplinary research structure that studies the environment as a scientific object and centres its work on the Gulf of Lion, a land-sea system seen as a key zone in the Mediterranean. This takes stock of the multidisciplinary knowledge acquired of the system. It provides an overview of its vulnerability in the face of climate and manmade change. It demonstrates the necessity of integrated management of the water resource, in consultation with all the stakeholders involved, taking account of the interactions between man and nature.

⇒ Ausführliche Angaben: HT020307534

Piette, Valérie / Peiretti-Courtis, Delphine / Orban, Céline: Regards sur le sexe
French. Inhaltliche Zusammenfassung: Si le sexe est et a toujours été pointé du doigt, s’il charrie un lot de discours féconds, il est aussi et peut-être paradoxalement caché, dénigré voire hypocritement oublié. Or il s’agit là d’un organe essentiel à toute vie. Sa nécessité mais aussi les secrets qui l’entourent lui donnent un caractère mystérieux rempli de force et de fragilité, de plaisirs multiples et de douleurs. Fruit du colloque “Montrez ce sexe que je ne saurais voir !”, ce volume adopte un regard essentiellement historique sur le sexe, tout
en senrichissant d’une analyse issue du cinéma. Cette rencontre souligne à quel point la délimitation de ce qui est organe sexuel ou non varie dans le temps, dans l’espace et dans le corps, physique et psychique. Plus que l’établissement d’une géographie du sexuel, l’important est ce que les organes relatent sur les rapports entre, d’une part, les modèles de sexuation et de fonctionnement de la sexualité et, d’autre part, la régulation sociale des rapports humains.

⇒ Ausführliche Angaben: HT020309712

**Pignatello, Rosario: Advances in Biomaterials Science and Biomedical Applications**
English. Inhaltliche Zusammenfassung: This contribution book is a collection of reviews and original articles from eminent experts working in the multi- and interdisciplinary arena of biomaterials, ranging from their design to novel uses. From their personal experience, the readers can obtain a stimulating foresight on the potentialities of different synthetic and engineered biomaterials. 21 chapters have been organized to illustrate different aspects of biomaterials science. From advanced means for the characterization and toxicological assessment of new materials, through classical applications in nanotechnology and tissue engineering, toward novel specific uses of these products, the volume wishes to give readers a view of the wide range of disciplines and methodologies that have been exploited to develop biomaterials with the physical and biological features needed for specific clinical and medical applications.

⇒ Ausführliche Angaben: HT020309594

**Pignatello, Rosario: Biomaterials Applications for Nanomedicine**
English. Inhaltliche Zusammenfassung: These contribution books collect reviews and original articles from eminent experts working in the interdisciplinary arena of biomaterial development and use. From their direct and recent experience, the readers can achieve a wide vision on the new and ongoing potentialities of different synthetic and engineered biomaterials. Contributions were selected not based on a direct market or clinical interest, but on results coming from a very fundamental studies. This too will allow to gain a more general view of what and how the various biomaterials can do and work for, along with the methodologies necessary to design, develop and characterize them, without the restrictions necessary imposed by industrial or profit concerns. Biomaterial constructs and supramolecular assemblies have been studied, for example, as drug and protein carriers, tissue scaffolds, or to manage the interactions between artificial devices and the body. In this volume of the biomaterial series have been gathered in particular reviews and papers focusing on the application of new and known macromolecular compounds to nanotechnology and nanomedicine, along with their chemical and mechanical engineering aimed to fit specific biomedical purposes.

⇒ Ausführliche Angaben: HT020307804

**Pignatello, Rosario: Biomaterials Science and Engineering**
English. Inhaltliche Zusammenfassung: These contribution books collect reviews and original articles from eminent experts working in the interdisciplinary arena of biomaterial development and use. From their direct and recent experience, the readers can achieve a wide vision on the new and ongoing potentialities of different synthetic and engineered biomaterials. Contributions were not selected based on a direct market or clinical interest, than on results coming from very fundamental studies which have been mainly gathered for this book. This fact will also allow to gain a more general view of what and how the various biomaterials can do and work for, along with the methodologies necessary to design, develop and characterize them, without the restrictions necessarily imposed by industrial or profit concerns. The book collects 22 chapters related to recent researches on new materials, particularly dealing with their potential and different applications in biomedicine and clinics: from tissue engineering to polymeric scaffolds, from bone mimetic products to prostheses, up to strategies to manage their interaction with living cells.

⇒ Ausführliche Angaben: HT020307774
Pignatello, Rosario: Biomaterials - Physics and Chemistry
English. Inhaltliche Zusammenfassung: These contribution books collect reviews and original articles from eminent experts working in the interdisciplinary arena of biomaterial development and use. From their direct and recent experience, the readers can achieve a wide vision on the new and ongoing potentialities of different synthetic and engineered biomaterials. Contributions were selected not based on a direct market or clinical interest, but based on results coming from very fundamental studies. This too will allow to gain a more general view of what and how the various biomaterials can do and work for, along with the methodologies necessary to design, develop and characterize them, without the restrictions necessarily imposed by industrial or profit concerns. The chapters have been arranged to give readers an organized view of this research area. In particular, this book contains 25 chapters related to recent researches on new and known materials, with a particular attention to their physical, mechanical and chemical characterization, along with biocompatibility and histopathological studies. Readers will be guided inside the range of disciplines and design methodologies used to develope biomaterials possessing the physical and biological properties needed for specific medical and clinical applications.
⇒ Ausführliche Angaben: HT020307800

Pilet, Jean-Benoit / Dandoy, Régis / Sandri, Giulia: Le vote des Belges (Bruxelles - Wallonie, 10 juin 2007)
⇒ Ausführliche Angaben: HT020309782

Pimenta, Tales Cleber / Crepaldi, Paulo Cesar: Radio Frequency Identification
English. Inhaltliche Zusammenfassung: Radio-frequency identification (RFID) is one of the modern names that is becoming increasingly popular, as a result of many years of researches and investigations. Powerful hardware and software tools have contributed, and still do, to place the radio-frequency identification as a popular and widely used technology, from large corporations to individuals, and custom applications. Although RFID offers many advantages over other technologies, it is essential to be aware of its limitations. Therefore, it will be possible to overcome the limitations and to increase its applications. As an example, cost, safety, security, transmissions formats, and international standards are important merit figures of continuous improvement. In this book, we present important proposals that will certainly contribute to the evolution of RFID. Theoretical and practical aspects are presented and discussed by the authors, and thus we invite everyone for a pleasant reading.
Pinho, José Antonio G. de: Artefatos digitais para mobilização da sociedade civil: perspectivas para avanço da democracia
Portuguese. Inhaltliche Zusammenfassung: Numa sociedade marcada pela presença de artefatos tecnológicos, é possível pensar nos mecanismos digitais como ferramentas para preencher as visíveis faltas das democracias representativas contemporâneas. Neste livro, são apresentados artigos de vários pesquisadores sobre as possibilidades de configuração daquilo que se tem chamado de democracia digital. São discutidos temas que se relacionam com a evolução da internet na participação política de organizações da sociedade civil e seu uso como uma potente ferramenta para suprir os déficits democráticos do nosso tempo.
⇒ Ausführliche Angaben: HT020308486

Pinho, Pedro: Antennas and Wave Propagation
English. Inhaltliche Zusammenfassung: Antennas and radio propagation are continuously and rapidly evolving, and new challenges arise every day. As a result of these rapid changes, the need for up-to-date texts that address this growing field from an interdisciplinary perspective persists. This book, organized into nine chapters, presents new antenna designs and materials that will be used in the future, due to the trend for higher frequencies, as well as a birds eye view of some aspects related to radio propagation channel modeling. The book covers the theory but also the practical aspects of technology implementation in a way that is suitable for undergraduate and graduate-level students, as well as researchers and professional engineers.
⇒ Ausführliche Angaben: HT020308993

Pinho, Pedro: Optical Communication Technology
English. Inhaltliche Zusammenfassung: The optical world is continuously and rapidly evolving, and new challenges arise every day. As a result of these rapid changes, the need for up-to-date texts that address this growing field from an interdisciplinary perspective persists. This book presents an overview of new optical communication technologies and a birds-eye view of some of the more promising technologies among them. The book covers the theoretical but also the practical aspects of technology implementation in a way that is suitable for undergraduate- and graduate-level students, as well as researchers and professional engineers.
⇒ Ausführliche Angaben: HT020308378

Pipkin, Amanda / Moran, Sarah: Women and Gender in the Early Modern Low Countries, 1500-1750
English. Inhaltliche Zusammenfassung: Women were fundamental actors in early modern Low Countries society, playing major roles in the dynamic environment of economic, artistic, and cultural exchange of both the Catholic Southern Netherlands and the Protestant Dutch Republic. The Habsburg territories were governed by a string of women rulers. More ordinary Netherlandish women ran businesses, pursued careers as painters and writers, joined and led religious communities, and helped steer the course of debates between Protestants and Catholics. The wealthier among them were active in the financial markets and a number of them became highly influential patrons of art and architecture. Women of lesser means, on the other hand, might find themselves in difficult situations. At the same time, evolving traditions of the textual and visual representation of femininity reflected and shaped attitudes towards gender, and in turn impacted the lives of both women and men.
⇒ Ausführliche Angaben: HT020309865

Pirim, Harun: Recent Applications in Data Clustering
Clustering has emerged as one of the more fertile fields within data analytics, widely adopted by companies, research institutions, and educational entities as a tool to describe similar/different groups. The book Recent Applications in Data Clustering aims to provide an outlook of recent contributions to the vast clustering literature that offers useful insights within the context of modern applications for professionals, academics, and students. The book spans the domains of clustering in image analysis, lexical analysis of texts, replacement of missing values in data, temporal clustering in smart cities, comparison of artificial neural network variations, graph theoretical approaches, spectral clustering, multiview clustering, and model-based clustering in an R package. Applications of image, text, face recognition, speech (synthetic and simulated), and smart city datasets are presented.

Pisica, Ioana / Afifi, Sara N. / Zobaa, Ahmed F.: Sustainable Energy - Technological Issues, Applications and Case Studies
English. Inhaltliche Zusammenfassung: The sustainable energy sources are potentially employed to substitute petrol fuels in transport engines such as buses and small vehicles. Hydrogen-enriched compressed natural gas engines are forthcoming energy carriers for the internal combustion engine, with higher thermal efficiency and less pollutant emissions. The different availability of renewables has allowed various countries to adopt the most appropriate type of renewable energy technology according to their energy source adequacy/abundance. In Taiwan, ocean energy is considered as an abundant source of renewables due to its geographical location as an island. The Taiwanese government has approved the investment to construct an MW-scale demonstration electricity plant. In this book, the Taiwanese ocean energy experience is comprehensively presented. The technical and legal analyses of ocean energy implementation are provided. The challenges that they had to overcome to optimize the utilization of the most available ocean energy potential are discussed. The sustainable transition in South Africa would be a good example for implementing rooftop solar, especially in low-income communities. Apart from the environmental benefits, sustainable energy technologies can boost the socioeconomic level of developing countries. Other advantages may be the continuous supply of energy and creation of new job opportunities. Moreover, sustainable renewable energy sources such as the wind could be employed for generating electricity to operate water purification systems in remote areas. This, in turn, would overcome the health problems associated with drinking water scarcity issues. This book is an attempt to cover the sustainable energy issues from a technical perspective. Furthermore, the sustainable energy applications and existing case studies are helpful illustrations for the broad understanding of the importance of sustainable energy.

Platter, Heather Nicole / Haider, Muhiuddin: Selected Issues in Global Health Communications
English. Inhaltliche Zusammenfassung: This book was written to give scholars an opportunity to examine selected issues in health communication. There are many challenges in health communication, such as the shortage of evaluations on social marketing interventions, the need for a framework to easily apply social marketing practices to campaigns, and the difficulty of applying theory to improve communication. To address these challenges, the four chapters, including an introductory chapter, introduce several health communication topics, including social marketing, the application of theory, and message design to promote social communication. Readers can expect concise topic overviews with clear steps and examples of how to apply the methods discussed in each chapter.

Pohly, Gabriele: Resilienz-Yoga
Ein Medium
- Freihand:
- DDC (Dewey Decimal Classification):
  - 610DNB 610DNB
- DDC (Dewey Decimal Classification):
  - 61023sdnb 61023sdnb
⇒ Ausführliche Angaben: HT020312180

Poletto, Matheus: Composites from Renewable and Sustainable Materials
English. Inhaltliche Zusammenfassung: Composites from Renewable and Sustainable Materials consists of 16 chapters written by international subject matter experts investigating the characteristic and current application of materials from renewable and sustainable sources. The reader will develop a deeper understanding about the concepts related to renewable materials, biomaterials, natural fibers, biodegradable composites, starch, and recycled materials. This book will serve as the starting point for materials science researchers, engineers, and technologists from the diverse backgrounds in physics, chemistry, biology, materials science, and engineering who want to know and better understand the fundamental aspects and current applications of renewable and sustainable materials in several applications.
⇒ Ausführliche Angaben: HT020308093

Poletto, Matheus: Lignin - Trends and Applications
English. Inhaltliche Zusammenfassung: Lignin - Trends and Applications consists of 11 chapters related to the lignin structure, modification, depolymerization, degradation process, computational modeling, and applications. This is a useful book for readers from diverse areas, such as physics, chemistry, biology, materials science, and engineering. It is expected that this book may expand the readers knowledge about this complex natural polymer.
⇒ Ausführliche Angaben: HT020308626

Pollard, Christina / Booth, Sue: Addressing Food and Nutrition Security in Developed Countries
English. Inhaltliche Zusammenfassung: The Addressing Food and Nutrition Security in Developed Countries Special Issue is a collection of papers from researchers in counties with developed economies who are responding to increasing prevalence of food insecurity. Food insecurity is relatively hidden, and the real extent of the problem is likely to be underestimated in many of these countries. Novel methods to estimate the prevalence of food insecurity in the face of no routine measurement are presented. Population surveys highlight adverse mental health outcomes and new and emerging subgroups that are experiencing food insecurity. Understanding the factors associated with food insecurity and how people cope is extremely important when considering how best to address the problem. Readers can become familiar with the lived experience of food insecurity in some countries-essential intelligence for effective policy and interventions. The extent of food banking operations and the nature of the charitable response in some countries is also described. Country-specific research highlights the importance of understanding the cultural and external environmental context. The influence the cost of food and budgetary tools on diet and food insecurity suggests opportunities for intervention. Researchers calls for social protection and high-quality dignified responses to address this complex public health problem.
⇒ Ausführliche Angaben: HT020307434

Pollheimer-Mohaupt, Marianne / Grifoni, Cinzia / Gantner, Clemens: Transformations of Romanness: Early Medieval Regions and Identities
English. Inhaltliche Zusammenfassung: Few pre-modern empires had an impact on their subjects comparable to that of the Roman Empire. Over time, being Roman could mean many different things, e.g. Latin speakers under barbarian rule, subjects of the Byzantine empire or Christians in post-Roman Syria. This volume explores the changes Roman identity underwent in most of the former provinces of the empire between c. 400 and c. 1000, offering the first comprehensive overview on this topic.

⇒ Ausführliche Angaben: HT020307631

Pollmann, Inga: Cinematic Vitalism
English. Inhaltliche Zusammenfassung: This book draws new connections between twentieth-century German and French film theory and practice and vitalist conceptions of life from biology and philosophy. Inga Pollmann shows how the links between the two created a modernist, experimental, and cinematic strand of vitalism in and around the movie theater. Articulated by film theorists, filmmakers, biologists, and philosophers, this cinematic vitalism maps out connections among human beings, milieus, and technologies that continue to structure our understanding of film.

⇒ Ausführliche Angaben: HT020309903

Pomazan, Valentina Mihaela: Proceedings of the International Conference on Interdisciplinary Studies (ICIS 2016) - Interdisciplinarity and Creativity in the Knowledge Society
English. Inhaltliche Zusammenfassung: Interdisciplinarity is a sine qua non condition for any modern endeavour, a reason for the International Conference on Interdisciplinary Studies (ICIS 2016) to promote new and emerging research topics and interdisciplinary collaborations. During the event experiences about how interdisciplinary research is carried out were summarized and the demand for interdisciplinary research and innovation was investigated. The 2016 edition aimed also to get an in-depth view of the solutions to provide the skills required for real advancement of our society, to emphasize the social need for creative thinking and innovation and to investigate the role creative thinking plays in producing new, integrative knowledge. The present volume summarizes the most relevant papers accepted for presentation during ICIS 2016, held at Ovidius University of Constanta, Romania, between 10 and 11 June 2016.

⇒ Ausführliche Angaben: HT020309623

Pomffyova, Maria: Management of Information Systems
English. Inhaltliche Zusammenfassung: Management functions were developed first as a systematic step to carry out management activities, while implementation of the information components followed as part of management elements. The authors point out that the use of the possibilities and advantages of quantitatively supported managerial decisions gives managers the ability to quantify the impacts of both technical (hard) and subjective (soft) constraints and improve managerial decision-making processes that would otherwise be based mostly on personal intuition and experience. To achieve the goals and benefits of excellent performance, it is necessary to design and develop integrated models that would coordinate management functions and information system components as an integrated process. These facts are presented in various case studies.

⇒ Ausführliche Angaben: HT020309071

Pomorska, Karolina / de Zwart, Frank: Chapter 9 EU External Action, Intention and Explanation
English. Inhaltliche Zusammenfassung: "Unintended consequences" is an umbrella concept. It comprises phenomena that differ in crucial respects and consequently, without refinement,
it remains a rather blunt instrument for policy analysis. The contributions in this volume, however, show that disentangling unintended consequences by making clear distinctions between various types, makes the concept much more useful for policy analysis. Assessing the impact of EU foreign policies as studied in this volume, we show that "bonuses", "windfalls", "accidents", and "trade-offs" - all unintended - are very different when it comes to the explanation of policy outcomes, or to allocating responsibility for them.

⇒ Ausführliche Angaben: HT020310410

Pontrandolfi, Piergiuseppe / Casas, Giuseppe B. Las / Acierno, Antonio: Non solo petrolio: strategie per lo sviluppo sostenibile della Val d’Agri
2019. 1 electronic resource (161 pages). ISBN 9788868870584 Inhaltliche Zusammenfassung: The local dimension of development, even in a framework of global relationships and interconnections, appears as a topic of great interest for the territorial planning disciplines, opening new spaces above all in the reflection on the effectiveness of large area and supramunicipal level planning. The Val d’Agri Inter-communal Structural Plan was conceived as an experimental model of inter-municipal plan, as per DGR n. 1495 of 21/09/2010 of the Basilicata Region, for the development of which a Memorandum of Understanding was signed between the administrations of 23 municipalities. Reference for the entire activity of technical and scientific support to the Staff of the Basilicata Region were three academic institutions: the School of Engineering (SI) of the University of Basilicata, the Department of European and Mediterranean Cultures (DiCEM) of the University of Basilicata, the Urban and Spatial Planning Laboratory Raffaele D’Ambrosio (LUPT) of the Federico II University of Naples. After a first phase of the research work, concluded in 2014 and whose results are summarized in this volume, in 2018 the technical-scientific support activities have been resumed to allow the Region to define the eventual final products of the Inter-municipal Structural Plan of Val d’Agri.

⇒ Ausführliche Angaben: HT020307496

Popoli, Paolo: Advancing Insights on Brand Management
2017. 1 electronic resource (210 pages). ISBN 9789535135975, ISBN 9789535135982 English. Inhaltliche Zusammenfassung: This book is an original, high-quality collection of chapters about highly topical and important brand management issues, and it shows both theoretical and empiric analysis. The 10 selected chapters are referred, with original contents and rigorous research methodologies, to some important challenges the brand management has to face in the current competitive contexts, characterized by the dominance of the intangible resources and the new information and communication technologies. Written by leading academics, this book is dedicated not only to marketing and management scholars but also to students wanting to investigate the knowledge concerning special fields and special brand management themes. As well to the practitioners who can find a wide reference also to the managerial implication from the strategic and operative perspectives.

⇒ Ausführliche Angaben: HT020309648

Poppe, Erik / Longmuß, Jörg: Geplante Obsoleszenz
2019. 1 electronic resource (194 pages). ISBN 9783839450048, ISBN 9783837650044 German. Inhaltliche Zusammenfassung: Time and again one reads that manufacturers deliberately design their products in such a way that they break prematurely. The victims: the customers. Many manufacturers, however, want to delay the wear. How do you go about planning for obsolescence? The book presents for the first time the view and experiences of those who develop, design and manufacture products. The contributions deal with reparability as a business model, product lifecycle management, obsolescence as a management topic, the role of state influence and the social drivers of the short-lived consumer goods.

⇒ Ausführliche Angaben: HT020309882

Portillo, María P. / Fernandez-Quintela, Alfredo: Benefits of Resveratrol Supplementation
In recent years, great attention has been paid to polyphenols due to their positive effects on health. One of the most widely-studied phenolic compounds is resveratrol. This molecule, which is naturally present in some foods, shows beneficial effects on various physiological and biochemical processes, thus representing a potential tool for the prevention or the treatment of diseases highly prevalent in our society. Several of these beneficial effects have been observed in human beings, but others only in pre-clinical studies so far, and therefore, it is mandatory to continue with the scientific research in this field. Indeed, new knowledge concerning these issues could enable the development of novel functional foods or nutraceuticals, incorporating resveratrol, suitable for preventing or treating diseases such as cancer, cardiovascular diseases, obesity, dislipemia, insulin resistance and diabetes, liver diseases, et cetera.

Posselt-Kuhli, Christina: Kunstheld versus Kriegsheld

Postlethwaite, Keith / Hackney, Ann: Organising a Schools Response

Potgieter, Natasha / Hoffman, Afsatou Ndama Traore: The Relevance of Hygiene to Health in Developing Countries

Potocnik, Primož: Natural Gas
of cutting edge research on natural gas which is a vital component of world's supply of energy. Natural gas is a combustible mixture of hydrocarbon gases, primarily methane but also heavier gaseous hydrocarbons such as ethane, propane and butane. Unlike other fossil fuels, natural gas is clean burning and emits lower levels of potentially harmful by-products into the air. Therefore, it is considered as one of the cleanest, safest, and most useful of all energy sources applied in a variety of residential, commercial and industrial fields. The book is organized in 25 chapters that cover various aspects of natural gas research: technology, applications, forecasting, numerical simulations, transport and risk assessment.

⇒ Ausführliche Angaben: HT020307676

Poulain, Jean-Pierre / Nairaud, Daniel / Martin, Ambroise: Une petite histoire de l'alimentation française
French. Inhaltszusammenfassung: To mark its 30th anniversary, the National Food Council interviewed the players who have contributed to its history. Some opted to write a reflective account of their experience. Others produced a theoretical assessment of their disciplines. These different angles of approach identify what makes heritage and the contribution of the National Food Council to the public food policies and actions. You can download the ePub either consult the directly on-line interactive frieze.

⇒ Ausführliche Angaben: HT020310373

Pouteau, Sylvie: Génétiquement indéterminé
French. Inhaltszusammenfassung: Contemporary biology is called to accommodate the idea that while DNA is involved in the formation of an individual, the other constituents of the organism or of its environment are also determining factors. Nothing is programmed as such, and the challenge is to understand how the whole is assembled and structured. Five researchers from different scientific horizons here provide new and complementary insights into the singularity and auto-organization of living systems. The book includes a discussion glossary covering around thirty key notions, from adaptation to variability.

⇒ Ausführliche Angaben: HT020307533

Prabu, Sakthivel Lakshmana / Suriyaprakasha, Timmadonu Narasimman Kuppusami: Intellectual Property Rights
English. Inhaltszusammenfassung: In today’s world, we live with the notion that economic health and firm competitiveness are closely tied. Innovation and creativity play a significant role in achieving economic, social, and technological advancement, contributing to a nation’s prosperity and leading to job growth for a country. Industries can capitalize on economic benefits through the development and commercialization of innovative products. This also works for consumers, who prefer to purchase safe, guaranteed products, believing that the IP rights of the products are worth protecting both nationally and internationally. The topics covered in this book include an Introduction to Intellectual Property Rights, Patenting in the Pharmaceutical Industry, Towards More Inclusive IP Analysis by Frontier Tools, Patent Data in Economic Analysis, How to Elaborate and Interpret an Expert Report on the Design Area, and Host-Country Patenting and Inventorship in Emerging Countries.

⇒ Ausführliche Angaben: HT020308307

Pramatarova, Assoc. Lilyana D.: On Biomimetics
English. Inhaltszusammenfassung: Bio-mimicry is fundamental idea How to mimic the Nature by various methodologies as well as new ideas or suggestions on the creation of novel materials and functions. This book comprises seven sections on various perspectives of bio-mimicry in our life; Section 1 gives an overview of modeling of biomimetic materials; Section 2 presents a processing and design of biomaterials; Section 3 presents various aspects of design and application of biomimetic polymers and composites are discussed; Section 4 presents a general characterization of biomaterials; Section 5 proposes new examples for
biomimetic systems; Section 6 summarizes chapters, concerning cells behavior through mimicry; Section 7 presents various applications of biomimetic materials are presented. Aimed at physicists, chemists and biologists interested in biomineralization, biochemistry, kinetics, solution chemistry. This book is also relevant to engineers and doctors interested in research and construction of biomimetic systems.

⇒ Ausführliche Angaben: HT020309562

Prasain, Jeevan K.: Metabolomics - Fundamentals and Applications
English. Inhaltsliche Zusammenfassung: Metabolomics: Fundamentals and Applications authoritatively presents the basic principles and applications of metabolomics. Topics covered in this book range from the analysis of metabolites from different biological sources and their data processing and statistical analysis. This book serves as a basic guide for a wide range of audiences from less familiar with metabolomics techniques to more experienced researchers seeking to understand complex biological systems from the systems biology approach.

⇒ Ausführliche Angaben: HT020308121

Prasain, Jeevan K.: Tandem Mass Spectrometry - Applications and Principles
English. Inhaltsliche Zusammenfassung: Tandem Mass Spectrometry - Applications and Principles presents comprehensive coverage of theory, instrumentation and major applications of tandem mass spectrometry. The areas covered range from the analysis of drug metabolites, proteins and complex lipids to clinical diagnosis. This book serves multiple groups of audiences: professional (academic and industry), graduate students and general readers interested in the use of modern mass spectrometry in solving critical questions of chemical and biological sciences.

⇒ Ausführliche Angaben: HT020307865

Predeep, Padmanabhan: Optoelectronics - Materials and Techniques
English. Inhaltsliche Zusammenfassung: Optoelectronics - Materials and Techniques is the first part of an edited anthology on the multifaceted areas of optoelectronics by a selected group of authors including promising novices to the experts in the field. Photonics and optoelectronics are making an impact multiple times the semiconductor revolution made on the quality of our life. In telecommunication, entertainment devices, computational techniques, clean energy harvesting, medical instrumentation, materials and device characterization and scores of other areas of R&D the science of optics and electronics get coupled by fine technology advances to make incredibly large strides. The technology of light has advanced to a stage where disciplines sans boundaries are finding it indispensable. Smart materials and devices are fast emerging and being tested and applications developed in an unimaginable pace and speed. Here has been made an attempt to capture some of the materials and techniques and underlying physical and technical phenomena that make such developments possible through some real time players in the field contributing their work and this is sure to make this collection of essays extremely useful to students and other stakeholders such as researchers and materials scientists in the area of optoelectronics.

⇒ Ausführliche Angaben: HT020307780

Preece, Rod: Awe for the Tiger, Love for the Lamb
English. Inhaltsliche Zusammenfassung: First Published in 2003. Routledge is an imprint of Taylor and Francis, an informa company.

⇒ Ausführliche Angaben: HT020310303

Preisigke, Friedrich: Die Inschrift von Skaptoparene in ihrer Beziehung zur kaiserlichen Kanzlei in Rom
Prete, Paola: Nanowires
English. Inhaltliche Zusammenfassung: This volume is intended to orient the reader in the fast developing field of semiconductor nanowires, by providing a series of self-contained monographs focusing on various nanowire-related topics. Each monograph serves as a short review of previous results in the literature and description of methods used in the field, as well as a summary of the authors recent achievements on the subject. Each report provides a brief sketch of the historical background behind, the physical and/or chemical principles underlying a specific nanowire fabrication/characterization technique, or the experimental/theoretical methods used to study a given nanowire property or device. Despite the diverse topics covered, the volume does appear as a unit. The writing is generally clear and precise, and the numerous illustrations provide an easier understanding of the phenomena described. The volume contains 20 Chapters covering altogether many (although not all) semiconductors of technological interest, starting with the IV-IV group compounds (SiC and SiGe), carrying on with the binary and ternary compounds of the III-V (GaAs, AlGaAs, GaSb, InAs, GaP, InP, and GaN) and II-VI (HgTe, HgCdTe) families, the metal oxides (CuO, ZnO, ZnCoO, tungsten oxide, and PbTiO3), and finishing with Bi (a semimetal).
⇒ Ausführliche Angaben: HT020307675

Preuß, Ulrich K.: Bedingungen globaler Gerechtigkeit
⇒ Ausführliche Angaben: HT020307460

Prigent, Claude: Protein Phosphorylation
English. Inhaltliche Zusammenfassung: Protein phosphorylation reactions are carried out in a cell by protein kinases, which predominantly use ATP as a phosphate donor that is transferred and covalently bound to an amino acid on a substrate protein. Protein phosphorylation was discovered in 1954 by Edmond Fischer who shared the Nobel Prize in Medicine or Physiology in 1992 with Edwin Krebs. There are so many kinases that one was called Just Another Kinase for JAK kinase. Their counterpart is protein phosphatases that remove phosphates from phosphorylated proteins. Kinases and phosphatases act as switches in the cell that activates or inactivates protein functions. These reactions are reversible; the cell can quickly react to a situation but can then go back to its initial state.
⇒ Ausführliche Angaben: HT020308492

Pringle, Yolana: Psychiatry and Decolonisation in Uganda
English. Inhaltliche Zusammenfassung: This open access book investigates psychiatry in
Uganda during the years of decolonisation. It examines the challenges facing a new generation of psychiatrists as they took over responsibility for psychiatry at the end of empire, and explores the ways psychiatric practices were tied to shifting political and development priorities, periods of instability, and a broader context of transnational and international exchange. At its heart is a question that has concerned psychiatrists globally since the mid-twentieth century: how to bridge the social and cultural gap between psychiatry and its patients? Bringing together archival research with oral histories, Yolana Pringle traces how this question came to dominate both national and international discussions on mental health care reform, including at the World Health Organization, and helped spur a culture of experimentation and creativity globally. As Pringle shows, however, the history of psychiatry during the years of decolonisation remained one of marginality, and ultimately, in the context of war and violence, the decolonisation of psychiatry was incomplete.

⇒ Ausführliche Angaben: HT020309798

Proestos, Charalampos: Biogenic Amines
English. Inhaltliche Zusammenfassung: Biogenic amines (BAs) are low-molecular-mass organic bases that occur in plant- and animal-derived products. BAs in food can occur by free amino acid enzymatic decarboxylation and other metabolic processes. Usually, in the human body, amines contained in foods are quickly detoxified by enzymes such as amine oxidases or by conjugation; however, in allergic individuals or if monoamine oxidase inhibitors are applied, the detoxification process is disturbed and BAs accumulate in the body. Knowing the concentration of BAs is essential because they can affect human health and also because they can be used as freshness indicators to estimate the degree of food spoilage.

⇒ Ausführliche Angaben: HT020309302

Prostran, Milica: Clinical Trials in Vulnerable Populations
English. Inhaltliche Zusammenfassung: This book Clinical Trials in Vulnerable Populations has 12 chapters divided into 4 sections: Minority Patients, Women, Medically Compromised Patients and Clinical Trials. Contributing authors came from several countries, from Serbia to Turkey. The book was edited by Professor Milica Prostran MD, Ph.D., specialist in Clinical Pharmacology. The potential reader is shown a modern approach to clinical trials in vulnerable populations, from different points of view. The chapters deal at length and clarity with their topics. Finally, I believe, that this book I edited and reviewed with dedication will capture the attention of many readers, from medical students to practicing doctors and pharmacists. All of whom must consider this very important field of medicine: clinical trials in vulnerable patients.

⇒ Ausführliche Angaben: HT020308698

Prunet, Patrick / Larrère, Raphaël / Dunier, Muriel: La conscience des animaux
French. Inhaltliche Zusammenfassung: Can animals experience emotions? Do they have a life story? The INRA addressed these questions by performing a collective scientific assessment of animal consciousness. This multidisciplinary evaluation, in which a vast body of behavioral, cognitive and neurobiological studies is analyzed, tends to show the existence of conscious thought processes in animals.

⇒ Ausführliche Angaben: HT020310364

Prutsch, Markus J.: Caesarism in the Post-Revolutionary Age
English. Inhaltliche Zusammenfassung: Debates about the legitimacy and 'essence' of political rule and the search for 'ideal' forms of government have been at the very heart of political thought ever since its beginnings in the Ancient World. Caesarism in the Post-Revolutionary Age explores the complex relationship between democracy and dictatorship from the 18th
century onwards. More concretely, it assesses how, during the post-revolutionary period, democracy emerged as something compatible with dictatorship, both on the level of political thought and practice.

⇒ Ausführliche Angaben: HT020310438

**Przybylo, Ela: Asexual Erotics**
English. Inhaltsübersicht: Asexual Erotics: Intimate Readings of Compulsory Sexuality attends to the silence around asexuality in queer, feminist, and lesbian thinking from the late 1960s to the present. Drawing on the knowledge generated by asexual community, activism, and scholarship, Ela Przybylo gives us the first queer and feminist monograph on asexuality.

⇒ Ausführliche Angaben: HT020310049

**Ptacek, Petr: Apatites and their Synthetic Analogues - Synthesis, Structure, Properties and Applications**
English. Inhaltsübersicht: Apatite-type minerals and their synthetic analogues are of interest of many industrial branches and scientific disciplines including material sciences, chemical industry, agriculture, geology, medicine and dentistry. This book provides a basic overview of general knowledges of this topic in order to provide the comprehensive survey from a scientific and technological perspective. The book is divided into 10 chapters, which are devoted to the structure and properties of minerals from the supergroup of apatite, experimental techniques of preparation and characterization of synthetic analogues of apatite minerals, substitution in the structure of apatite as well as utilization of these materials in wide range of common and special advanced applications in industry, material sciences and research. Additionally, the phosphate rocks, their classification, geological role, mining and beneficiation of phosphate ore, production of elemental phosphorus, phosphoric acid and fertilizers are also described. Although this book is meant for chemist, material scientist and research engineers, the individual chapters contain theoretical background, historical aspects as well as examples of synthetic and analytical methods which may be also interesting for students and non-expert readers as well.

⇒ Ausführliche Angaben: HT020308013

**Ptacek, Petr: Strontium Aluminates - Cement Fundamentals, Manufacturing, Hydration, Setting Behaviour and Applications**
English. Inhaltsübersicht: Strontium aluminates cement is special inorganic cement with the properties which make it favorable for various special applications such as refractory products, macro defect free (MDF) composites, blended cements and expansive cements for high temperature applications. There is an immense number of possible combinations which can be made to prepare blended and multicomponent cements and to investigate the influence of substitutions on the properties of strontium aluminates. Divided into ten sections, this book provides the latest research achievements in many aspects of this binder. The manufacturing, the hydration process, the setting behavior and the properties are described. The book contains many original and firstly published experimental research results obtained during writing. Currently there is no comprehensive work on this topic in literature. From this point of view, the book is a pilot work on this topic and should attract the attention of researchers and bring further progress of this topic.

⇒ Ausführliche Angaben: HT020307978

**Ptito, Maurice / Burke, Mark: Primates**
English. Inhaltsübersicht: Nonhuman primates (referred to here as primates) provide an invaluable source of information for a multitude of scientific fields including ecology, evolution, biology, psychology, and biomedicine. This volume addresses various topics
related to primate research that includes phylogeny, natural observations, primate ecosystem, sociocognitive abilities, disease pathophysiology, and neuroscience. Topics discussed here provide a platform for which to address human evolution, habitat preservation, human psyche, and pathophysiology of disease.

⇒ Ausführliche Angaben: HT020308747

**Pujol, Jordi Lopez: The Importance of Biological Interactions in the Study of Biodiversity**


English. Inhaltliche Zusammenfassung: The term biodiversity defines not only all the variety of life in the Earth but also their complex interactions. Under the current scenario of biodiversity loss, and in order to preserve it, it is essential to achieve a deep understanding on all the aspects related to the biological interactions, including their functioning and significance. This volume contains several contributions (nineteen in total) that illustrate the state of the art of the academic research in the field of biological interactions in its widest sense; that is, not only the interactions between living organisms are considered, but also those between living organisms and abiotic elements of the environment as well as those between living organisms and the humans.

⇒ Ausführliche Angaben: HT020309564

**Pulsford, Ian / Feary, Sue / Kothari, Ashish: Gobernanza y gestión de áreas protegidas**


Spanish. Inhaltliche Zusammenfassung: This is the Spanish translation of Protected Area Governance and Management.Gobernanza y gestión de áreas protegidas presenta un compendio de texto original, estudios de caso y ejemplos de todo el mundo, a partir de la literatura, el conocimiento y la experiencia de las personas involucradas en áreas protegidas. El libro sintetiza el conocimiento actual y el pensamiento de vanguardia de las diversas ramas de la práctica y el aprendizaje relevantes para la gestión y el gobierno de estas zonas. Se pretende que sea una inversión en las habilidades y competencias de las personas responsables de tal tarea y, en consecuencia, la gobernanza y la gestión efectivas, ahora y en el futuro.El éxito global del concepto de área protegida radica en su visión compartida de proteger el patrimonio natural y cultural a largo plazo, y organizaciones como la Unión Internacional para la Conservación de la Naturaleza son una fuerza unificadora en este sentido. No obstante, las áreas protegidas son un fenómeno sociopolítico y las formas en que las naciones las entienden, las gobiernan y las manejan siempre están abiertas a disputas y debates. El libro pretende ilustrar, educar y, sobre todo, desafiar a los lectores a pensar profundamente sobre las áreas protegidas, su futuro y su pasado, así como su presente.El libro ha sido compilado por 169 autores y trata todos los aspectos de la gobernanza y gestión de áreas protegidas. Proporciona información para apoyar la capacitación en desarrollo de capacidades de los oficiales de campo, gerentes a cargo y gerentes de nivel ejecutivo.

⇒ Ausführliche Angaben: HT020307510

**Puzyn, Tomasz / Mostrag-Szlichtyng, Aleksandra: Organic Pollutants Ten Years After the Stockholm Convention - Environmental and Analytical Update**


English. Inhaltliche Zusammenfassung: Ten years after coming into force of the Stockholm Convention on Persistent Organic Pollutants (POPs), a wide range of organic chemicals (industrial formulations, plant protection products, pharmaceuticals and personal care products, et cetera) still poses the highest priority environmental hazard. The broadening of knowledge of organic pollutants (OPs) environmental fate and effects, as well as the decontamination techniques, is accompanied by an increase in significance of certain pollution sources (e.g. sewage sludge and dredged sediments application, textile industry), associated with a potential generation of new dangers for humans and natural ecosystems. The present book addresses these aspects, especially in the light of Organic Pollutants risk assessment as well as the practical application of novel analytical methods and techniques for removing OPs from the
environment. Providing analytical and environmental update, this contribution can be particularly valuable for engineers and environmental scientists.

⇒ Ausführliche Angaben: HT020307856

**Pyshkin, Sergei L.: Excitons**
English. Inhaltliche Zusammenfassung: Excitons, as part of the InTech collection of international works on optics and optoelectronics, contains recent achievements of specialists from China, France, Japan, Switzerland, and Moldova jointly with Russia and the United States of America on properties and application of excitons in electronics. The growing number of countries participating in this endeavor and joint participation of the US, Moldova, Italy, and Russian scientists in investigations of excitons in the edition of this book testify to the unifying effect of science. An interested reader will find in the book the description of properties and possible applications of excitons, as well as the methods of fabrication and analysis of operation and the regions of application of modern excitonic devices.

⇒ Ausführliche Angaben: HT020308614

**Qamar, Sayyad Zahid: Extrusion of Metals, Polymers and Food Products**
English. Inhaltliche Zusammenfassung: Extrusion is a very popular manufacturing process, especially because of its versatility in terms of materials and shapes. Representing the vast and multifaceted field of extrusion, this book contains write-ups on latest developments from experts in the field. Part (A) on Metal Extrusion contains chapters on spur gear manufacturing, stiff vacuum extrusion, and indirect extrusion for subsurface tubular expansion. Part (B) on Food and Polymer Extrusion includes chapters on extrusion cooking of functional foods, changes in nutritional properties in extrusion of cereals, physicochemical changes of starch in extrusion of corn flour, extruded aquaculture feed, optimal design of polymer extrusion dies, and extrusion cooking technology for food products.

⇒ Ausführliche Angaben: HT020308597

**Qi, Xingshun: Management of Chronic Liver Diseases - Recent Advances**
English. Inhaltliche Zusammenfassung: This book is contributed by worldwide experts in the field of liver diseases. It comprises of 3 sections and 6 chapters to introduce the intra-abdominal hypertension and abdominal compartment syndrome in chronic liver diseases, ascites with hyponatremia, acute kidney injury, portal vein thrombosis, spontaneous bacterial peritonitis in liver cirrhosis, and the use of stereotactic body radiation therapy in hepatocellular carcinoma. Clinicians and investigators who are interested in the management of chronic liver diseases will be acquainted with its merits and usefulness.

⇒ Ausführliche Angaben: HT020308855

**Qubeissi, Mansour Al: Biofuels - Challenges and opportunities**
English. Inhaltliche Zusammenfassung: Amongst concerns about climate change, energy security decline and depletion of fossil fuels, this book explores the high importance of and interests in alternative energy resources. Many studies have shown that biomass fuels are sustainable, environmentally friendly and can be the most appropriate replacement to the depleting crude oil. Additionally, they can expand green landscapes, create new job opportunities, be directly utilised in standard power systems and improve combustion performance. Biomass fuels can be limited due to production cost and competition with food. Therefore, plant and food wastes play an important role in reducing these costs and recycling dump biomaterials. Production of biofuels from non-food biomass has emerged as a sustainable option to tackle the problems associated with growing demands for energy.

⇒ Ausführliche Angaben: HT020309287
Queiroz, Maria Isabel / Zepka, Leila Queiroz / Jacob-Lopes, Eduardo: Chlorophyll
English. Inhaltsliche Zusammenfassung: Chlorophyll presents an authoritative and comprehensive overview of the biology, biochemistry and chemistry of chlorophylls in photosynthetic organisms. Divided into seven discreet parts, the book covers topics on basic science and applied technology of chlorophyll molecules. Chlorophyll provides an insight into future developments in each field and extensive bibliography. It will be an essential resource for researchers and academic and industry professionals in the natural pigment field.
⇒ Ausführliche Angaben: HT020308236

Queiroz, Maria Isabel / Zepka, Leila Queiroz / Jacob-Lopes, Eduardo: Microalgal Biotechnology
English. Inhaltsliche Zusammenfassung: Microalgal Biotechnology presents an authoritative and comprehensive overview of the microalgae-based processes and products. Divided into 10 discreet chapters, the book covers topics on applied technology of microalgae. Microalgal Biotechnology provides an insight into future developments in each field and extensive bibliography. It will be an essential resource for researchers and academic and industry professionals in the microalgae biotechnology field.
⇒ Ausführliche Angaben: HT020308791

Quiroz-Castañeda, Rosa Estela: Farm Animals Diseases, Recent Omic Trends and New Strategies of Treatment
English. Inhaltsliche Zusammenfassung: The scope of this book is to present the most recent trends based on omic analyses of microorganisms causing diseases in farm animals and how these approaches result in new strategies of treatment. The topics in this book include fasciolosis, avian coccidiosis, bovine anaplasmosis, tick-borne diseases, and babesiosis, among others. This book presents the recent advances in the omic field with an emphasis on how these analyses have led researchers to know the mechanisms that pathogens use to invade and colonize the host cell of farm animals. In this way, new treatments of control and prevention can be employed.
⇒ Ausführliche Angaben: HT020308630

R Gere, Anne: Developing Writers in Higher Education: A Longitudinal Study
English. Inhaltsliche Zusammenfassung: For undergraduates following any course of study, it is essential to develop the ability to write effectively. Yet the processes by which students become more capable and ready to meet the challenges of writing for employers, the wider public, and their own purposes remain largely invisible. Developing Writers in Higher Education shows how learning to write for various purposes in multiple disciplines leads college students to new levels of competence. This volume draws on an in-depth study of the writing and experiences of 169 University of Michigan undergraduates, using statistical analysis of 322 surveys, qualitative analysis of 131 interviews, use of corpus linguistics on 94 electronic portfolios and 2,406 pieces of student writing, and case studies of individual students to trace the multiple paths taken by student writers.-.
⇒ Ausführliche Angaben: HT020310328

Rabin, Jessica: Surviving the Crossing
English. Inhaltsliche Zusammenfassung: By examining the fiction of three women modernists–Willa Cather, Gertrude Stein, and Nella Larsen–this book complicates binary paradigms of
national, gender, and ethnic identities in the interwar period. In place of essentializing categories of identity, Jessica Rabin explores the liberating and dislocating ramifications of using multiple subject positions as a means of representing identity. While these three authors have been studied in non-intersecting categories (pioneer literature, high modernism, and the Harlem Renaissance, respectively), Jessica Rabin traces their similarities, showing how the dispersal of fixed identities are facilitated by the language of fiction.

⇒ Ausführliche Angaben: HT020310127

**Race, Phil / Pickard, Nick / Higgins, Steve: 500 ICT Tips for Primary Teachers**
English. Inhaltliche Zusammenfassung: Information and Communications Technology (ICT) has been the focus of much debate and development within education, especially in the primary sector. This text offers tried and tested ideas for using IT effectively across the whole primary curriculum.
⇒ Ausführliche Angaben: HT020310320

**Rackauskas, Simas: Flexible Electronics**
English. Inhaltliche Zusammenfassung: The interest in flexible electronics is on the rise as it brings an added functionality and esthetic value in the unconventional interfaces, such as biomonitoring systems, wearables, flexible textiles, paper-based technologies, and many other curves of soft schemes, for which traditional electronics are not suitable. The demand in new flexible platforms turns to a pursuit for functional materials and technologies commonly compatible with a low temperature, high-throughput processing, and novel methods for device integration. A wide range of functional materials involving nanoparticles, composites, semiconductor and metallic nanowires, carbon nanomaterials, polymers, conductive inks, and different hybrid structures are particularly interesting. This book brings a comprehensive overview on the most important technology development in the field of flexible electronics.
⇒ Ausführliche Angaben: HT020308877

**Rackauskas, Simas: Nanowires - Synthesis, Properties and Applications**
English. Inhaltliche Zusammenfassung: Nanowires are attracting wide scientific interest due to the unique properties associated with their one-dimensional geometry. Developments in the understanding of the fundamental principles of the nanowire growth mechanisms and mastering functionalization provide tools to control crystal structure, morphology, and the interactions at the material interface, and create characteristics that are superior to those of planar geometries. This book provides a comprehensive overview of the most important developments in the field of nanowires, starting from their synthesis, discussing properties, and finalizing with nanowire applications. The book consists of two parts: the first is devoted to the synthesis of nanowires and characterization, and the second investigates the properties of nanowires and their applications in future devices.
⇒ Ausführliche Angaben: HT020309336

**Radcliffe, Sarah: Culture and Development in a Globalizing World**
English. Inhaltliche Zusammenfassung: Using recent research on development projects around the world, this book argues that culture has become an explicit tool and framework for development discourse and practice. Providing a theoretical and empirically informed critique, this informative book includes conceptual overviews and case studies on topics such as: development for indigenous people natural resource management social capital and global markets for Third World music post-apartheid South Africa cultural difference in the USA’s late capitalism. The editor concludes by evaluating the outcomes of development’s ‘cultural turn’, proposing a framework for future work in this field. By combining case studies from
both ‘Third World’ and ‘First World’ countries, the book, ideal for those in the fields of geography, culture and development studies, raises innovative questions about the ‘transferability’
of notions of culture across the world, and the types of actors involved.
⇒ Ausführliche Angaben: HT020310276

Radhakrishnan, Ramalingam: Biological Approaches for Controlling Weeds
English. Inhaltliche Zusammenfassung: Weed populations in agriculture are a major cause of yield loss. Conventionally, crop rotation and tillage practices limit the number of weed flora. Several chemical herbicides are being applied to control weed growth, but the long-term use of those chemicals does not effectively control weeds, due to the development of resistant germplasms, which cause hazardous effects in living organisms. The global interest in organic farming endorses the alternative way of weed control against chemical herbicides. Recently, biological agents have been added to integrated weed management strategies. Several studies reveal that plant extracts, bacteria, fungi and their products effectively control weed seed germination and growth. The aim of this book is to discuss the current understanding of bioherbicides and strategies to weed control.
⇒ Ausführliche Angaben: HT020308957

Radhakrishnan, Sudhakar: Recent Advances in Image and Video Coding
English. Inhaltliche Zusammenfassung: This book is intended to attract the attention of practitioners and researchers in academia and industry interested in challenging paradigms of image and video coding algorithms with an emphasis on recent technological developments. All the chapters are well demonstrated by various researchers around the world covering the field of image and video processing. This book highlights the current research in the image and video processing area such as image fusion, image segmentation and classification, image compression, machine vision algorithms and video compression. The entire work available in the book is mainly focusing on researchers who can do quality research in the area of image and video processing and related fields. Each chapter is an independent research which will definitely motivate the young researchers to ponder into. These eleven chapters available in five sections will be an eye-opener for all who are doing systematic research in these fields.
⇒ Ausführliche Angaben: HT020308089

Radhakrishnan, Sudhakar: Wavelet Theory and Its Applications
English. Inhaltliche Zusammenfassung: This book is intended to attract the attention of practitioners and researchers in the academia and industry interested in challenging paradigms of wavelets and its application with an emphasis on the recent technological developments. All the chapters are well demonstrated by various researchers around the world covering the field of mathematics and applied engineering. This book highlights the current research in the usage of wavelets in different areas such as biomedical analysis, fringe-pattern analysis, image applications, network data transfer applications, and optical measurement techniques. The entire work available in the book is mainly focusing on researchers who can do quality research in the area of the usage of wavelets in related fields. Each chapter is an independent research, which will definitely motivate the young researchers to ponder on. These 12 chapters available in four sections will be an eye opener for all who are doing systematic research in these fields.
⇒ Ausführliche Angaben: HT020309031

Radic, Mislav: Systemic Sclerosis
English. Inhaltliche Zusammenfassung: Systemic sclerosis is a rare autoimmune disease characterized by immunological alterations, small vessel vasculopathy, and skin and other organ fibrosis. Despite progress in the knowledge of pathogenic steps and therapeutic options, when
compared with other rheumatic conditions, it shows the lowest life expectancy rate. Early diagnosis is important as early treatment could lead to better outcomes. Great progress has been made in the treatment of specific symptoms; however, there are still no disease-modifying drugs that are able to control the overall disease activity satisfactorily. This book covers the latest knowledge in systemic sclerosis from pathophysiology to clinical presentation and management. Hopefully, this book will be a useful resource to students, residents, rheumatologists, dermatologist, and anyone interested in this fascinating disease.

⇒ Ausführliche Angaben: HT020308453

Radosinská, Jana / Visnovský, Ján: Social Media and Journalism - Trends, Connections, Implications
English. Inhaltliche Zusammenfassung: Nowadays, social media are amongst the most frequently used entertainment and information sources, offering the most recent news. National, international and global issues of social media journalism involve a wide spectrum of complex questions related to the production, distribution and reception of media contents, as well as a plethora of social, cultural, economic, legal and ethical aspects to consider. The publication you are holding in your hands is an attempt to provide various theoretical and empirical frameworks that may help us better understand social media journalism from different points of view and in diverse contexts. The individual chapters are written by authors with various scholarly affiliations working in international academic circles. Even though the methods they use and problems they discuss vary, they all pursue the same objective - to find out more about the implications of the existence and popularity of social media, especially social media journalism.

⇒ Ausführliche Angaben: HT020309089

Ragip Zik, M. / Walter-Jochum, Robert / Wahba, Dina: The Politics of Affective Societies
English. Inhaltliche Zusammenfassung: Many claim that political deliberation has become exceedingly affective, and hence, destabilizing. The authors of this book revisit that assumption. While recognizing that significant changes are occurring, these authors also point out the limitations of turning to contemporary democratic theory to understand and unpack these shifts. They propose, instead, to reframe this debate by deploying the analytic framework of affective societies, which highlights how affect and emotion are present in all aspects of the social. What changes over time and place are the modes and calibrations of affective and emotional registers. With this line of thinking, the authors are able to gesture towards a new outline of the political.

⇒ Ausführliche Angaben: HT020309886

Rah, Sabine / Rabenstein, Kerstin / Hummrich, Merle: ZISU - Zeitschrift für interpretative Schul- und Unterrichtsforschung
German. Inhaltliche Zusammenfassung: Unterricht wurde lange ausschließlich als Diskurs untersucht, aber jeder Unterricht erfordert auch einen fachbezogenen und didaktischen Umgang mit materiellen Dingen. In dem neuen ZISU-Band fragen die AutorInnen aus der Perspektive erziehungswissenschaftlicher und fachdidaktischer Unterrichtsforschung, wie Dinge im Unterricht genutzt werden, wie sie zu Dingen des Unterrichts werden und sich im Unterricht verändern und welche Bedeutung Dingen bei der Konstituierung von Lernsituationen zukommt.; For a long time, teaching has been examined exclusively as discourse, but all teaching also requires a subject-related and didactic approach to material things. In the new volume of the journal ZISU, the authors ask from the perspective of educational science and didactic teaching research how things are used in class, how they become material matters of class and how they change in class, and what significance things have for the constitution of learning situations.

⇒ Ausführliche Angaben: HT020310480
Rahman, Ismail Md. Mofizur / Hasegawa, Hiroshi: Water Stress
English. Inhaltliche Zusammenfassung: Plants experience water stress either when the water supply to their roots becomes limiting, or when the transpiration rate becomes intense. Water stress is primarily caused by a water deficit, such as a drought or high soil salinity. Each year, water stress on arable plants in different parts of the world disrupts agriculture and food supply with the final consequence: famine. Hence, the ability to withstand such stress is of immense economic importance. Plants try to adapt to the stress conditions with an array of biochemical and physiological interventions. This multi-authored edited compilation puts forth an all-inclusive picture on the mechanism and adaptation aspects of water stress. The prime objective of the book is to deliver a thoughtful mixture of viewpoints which will be useful to workers in all areas of plant sciences. We trust that the material covered in this book will be valuable in building strategies to counter water stress in plants.
⇒ Ausführliche Angaben: HT020307829

Rahman, Mohammed Muzibur: Nanomaterials
English. Inhaltliche Zusammenfassung: The book Nanomaterials includes all aspects of metal-oxide nano-structures, nano-composites, and polymer materials instigating with materials survey and preparations, growth and characterizations, processing and fabrications, developments and potential applications. These topics have utilized innovative methods of preparation, improvement, and continuous changes in multidimensional ways. The innovative frontiers are branching out from time to time to advanced nanotechnology. It is an important booklet for scientific organizations, governmental research-centers, academic libraries, and the overall research and development of nano-materials in general. It has been created for widespread audience with diverse backgrounds and education.
⇒ Ausführliche Angaben: HT020307819

Rahman, Mohammed Muzibur: Recent Advances in Ionic Liquids
English. Inhaltliche Zusammenfassung: Recent Advances in Ionic Liquids contains research on the preparation, characterization, and potential applications of stable ionic liquids (ILs). ILs are a class of low- and stable-melting point, ionic compounds that have a variety of properties allowing many of them to be sustainable green solvents. It is promising novel research from top to bottom and has received a lot of interest over the last few decades. It covers the advanced topics of physical, catalytic, chemical, polymeric, and potential applications of ILs. This book features interesting reports on cutting-edge science and technology related to the preparation, characterization, polymerization, and potential applications of ILs. This potentially unique work offers various approaches on the R&D implementation of ILs or related ionic catalysts and their conjugates. With this in mind, the authors present R&D on the preparation, properties, potential applications, and utility of ILs.-.
⇒ Ausführliche Angaben: HT020309028

Rahman, Rehab O. Abdel: Kinetic Modeling for Environmental Systems
English. Inhaltliche Zusammenfassung: The continuous increase in human activities affects the environment in notable ways; these effects need to be monitored and controlled when appropriate to ensure the sustainability of our lives. Environmental pollution is one of the major problems associated with human activities as a result of routine and accidental releases. Currently, pollution prevention, control, and affected environment remediation receive great attention globally. This attention has led to a continuous increase in research efforts that aim to understand, simulate, and predict important processes that affect pollutant generation and migration. Optimization of chemical and physical reactions within different waste treatment technologies and remediation projects are the focus of many research projects worldwide. This book presents some kinetic models that could be used to support pollution prevention, control, and environmental assessments of human activities.
⇒ Ausführliche Angaben: HT020309334
Cement Based Materials
Rahman, Rehab O. Abdel / Saleh, Hosam El-Din M.
English. Inhaltliche Zusammenfassung: Cement-based materials have been used by humans nearly since the dawn of civilization. The Egyptians used lime and gypsum cement to bind their aggregate materials, mud and straw, resulting in bricks that are used for building their famous Egyptian pyramids (between 3000 and 2500 BC). Hydrated cement is a cement material bonded together with water and used for building construction; it is characterized by acceptable chemical, physical, thermal, mechanical, and structural stability. It plays a main role in the creation of vessels for storage, roads to travel on, weather-resistant structure for protection, inert hard stabilizer for hazardous wastes, and so on. Due to the composition of these materials and their advantages, it has been practiced in different applications. Cement is an essential component of making concrete, the single most prevalent building material used worldwide for construction, skyscrapers, highways, tunnels, bridges, hydraulic dams, and railway ties. Besides their numerous desired properties, there are some undesirable features. To overcome these disadvantages, several studies were established to prepare, improve, and evaluate innovative cement-based materials. Despite its oldness and deep research, every year several methods and materials evolve and so do cement technology. This book intends to provide a comprehensive overview on recent advances in the evaluation of these materials.

⇒ Ausführliche Angaben: HT020309046

Management of Hazardous Wastes
Rahman, Rehab O. Abdel / Saleh, Hosam El-Din M.
English. Inhaltliche Zusammenfassung: Rapid trend of industry and high technological progress are the main sources of the accumulation of hazardous wastes. Recently, nuclear applications have been rapidly developed, and several nuclear power plants have been started to work throughout the world. The potential impact of released hazardous contaminants into the environment has received growing attention due to its serious problems to the biological systems. The book Management of Hazardous Wastes contains eight chapters covering two main topics of hazardous waste management and microbial bioremediation. This book will be useful to many scientists, researchers, and students in the scope of development in waste management program including sources of hazardous waste, government policies on waste generation, and treatment with particular emphasis on bioremediation technology.

⇒ Ausführliche Angaben: HT020309614

Smoking Prevention and Cessation
Rajer, Mirjana
English. Inhaltliche Zusammenfassung: Smoking was and remains one of the most important public healthcare issues. It is estimated that every year six million people die as a result of tobacco consumption. Several diseases are caused or worsened by smoking: different cancer types, heart disease, stroke, lung diseases and others. In this book we describe the different toxic effects of smoke on the human body in active and in passive smokers. It is also well known that many people who smoke wish to quit, but they rarely succeed. Smoking prevention and cessation are of utmost importance, thus we also describe different strategies and aspects of these issues. We hope that this book will help readers to understand better the effects of smoking and learn about new ideas on how to effectively help other people to stop smoking.

⇒ Ausführliche Angaben: HT020309138

Cervical Cancer - Screening, Treatment and Prevention - Universal Protocols for Ultimate Control
Rajkumar, Rajamanickam
English. Inhaltliche Zusammenfassung: This book entitled Cervical Cancer - Screening, Treatment and Prevention Universal Protocols for Ultimate Control is the fourth successful endeavor of the Editor with InTech publisher. The four books serve as four pillars in cervical cancer control, globally. This book is unique and sensational. Public health topics are assuming a
status of phenomenon, through deliberations and research. Screening is riddled with global limitations of availability, affordability, acceptability, and accessibility. The treatment of pre-cancers has questionable efficiency. Prevention is costly with the inclusion of HPV vaccine. This book helps to find the solutions. The authors, editor, and InTech publisher wish the readers a pleasant and purposeful reading. This book is a readers feast, receivers choice, and respondents delight. Enjoy and treasure the international facts and flavors.

⇒ Ausführliche Angaben: HT020308710

Rajkumar, Rajamanickam: Colposcopy and Cervical Pathology
English. Inhaltliche Zusammenfassung: This book entitled Colposcopy and Cervical Pathology is the third successful book of the editor with InTech publishers. This book serves the purpose of providing, valuable and valid, innovative ideas/suggestions for utilizations of the resource-rich/resource-intensive colposcopy and cervical pathology technology in a cost-/resource-effective way by the health providers and planners, especially in resource-limited/resource-poor settings. Transfer of technology from high- to low-resource settings in all the programs of preventive/community oncology services, across the world, is highly recommended and strongly advocated. The authors have well contributed to the goal of advanced science being made accessible for the benefit of common man. The InTech publishers have the distinct honor of imbibing the in-depth knowledge and vast experiences from experts of international repute and infusing it to the health providers and planners of developing countries, so that the communities of all nations are richly benefited. The book is a pearl, which deserves a precious and purposeful planning model for achieving global health by education and empowerment.

⇒ Ausführliche Angaben: HT020308438

Rajkumar, Rajamanickam: Human Papillomavirus - Research in a Global Perspective
English. Inhaltliche Zusammenfassung: This book is a feast of knowledge, yet a balanced diet of healthy foods. There are high values of rich essential nutrients from top-quality medical research. But they are made easily digestible and absorbable, even by health care providers and planners, working in resource-limited settings, in all parts of the world, through social implications and community applications. All the chapters are value-added master pieces. The book would serve both as a scientific reference guide and a practical work manual. The authors, editor, and Intech publishers, together, are pleased to provide the readers a precious blend of scientific excellence and social relevance, for health empowerment, globally. We wish the readers great success, savoring science and sociology together.

⇒ Ausführliche Angaben: HT020308021

Ralf, Matthias / Plischke, Anna-Katharina: Dungeons & Workouts: Junge Streiter leveln weiter
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 610DNB 610DNB
⇒ DDC (Dewey Decimal Classification):
  - 61023sdnb 61023sdnb
⇒ Ausführliche Angaben: HT020312515

Ram, Monder / Patton, Dean / Marlow, Susan: Managing Labour in Small Firms
The majority of employees currently working in the private sector are now employed in small firms, yet little is known about their working conditions. This collection of essays addresses this gap. Based on theoretical analysis supported by contemporary empirical evidence, the book explores key areas of the employment relationship adding a new perspective to our understanding of contemporary work.

Ramakrishnan, S.: Modern Fuzzy Control Systems and Its Applications
English. Inhaltsliche Zusammenfassung: Control systems play an important role in engineering. Fuzzy logic is the natural choice for designing control applications and is the most popular and appropriate for the control of home and industrial appliances. Academic and industrial experts are constantly researching and proposing innovative and effective fuzzy control systems. This book is an edited volume and has 21 innovative chapters arranged into five sections covering applications of fuzzy control systems in energy and power systems, navigation systems, imaging, and industrial engineering. Overall, this book provides a rich set of modern fuzzy control systems and their applications and will be a useful resource for the graduate students, researchers, and practicing engineers in the field of electrical engineering.

Ramakrishnan, S.: Pattern Recognition - Analysis and Applications
English. Inhaltsliche Zusammenfassung: Pattern recognition continued to be one of the important research fields in computer science and electrical engineering. Lots of new applications are emerging, and hence pattern analysis and synthesis become significant subfields in pattern recognition. This book is an edited volume and has six chapters arranged into two sections, namely, pattern recognition analysis and pattern recognition applications. This book will be useful for graduate students, researchers, and practicing engineers working in the field of machine vision and computer science and engineering.

Raman, Poondy Gopalratnam: Thyroid Disorders
English. Inhaltsliche Zusammenfassung: This is a small book containing various aspects of thyroid gland disorders. Congenital hypothyroidism chapter emphasizes early diagnosis in prevention of irreparable damage to growth and brain of infants. Role of nuclear medicine in diagnosis and treatment is outlined. Last few chapters deal with congenital hypothyroidism, thyroid carcinoma, its diagnosis, treatment and preservation of posterior parathyroid gland during thyroid surgery. The purpose of the book is to disseminate knowledge on thyroid diseases. It will be a good reference book both for students of medicine and general practitioners.

Ramis Serra, Pedro / Ramis Barceló, Rafael: Las ordenaciones de la universidad de Barcelona de 1638
spa. Inhaltsliche Zusammenfassung: In this book, the Regulations of the University of Barcelona of 1638 (which had been unpublished) are studied. This was the most important and lasting regulation of the Studium Generale of Barcelona, which had a wide influence on the Catalan Universities during the Baroque Period. Rafael Ramis-Barceló and Pedro Ramis-Serra reproduce the original text in Catalan, and offer an annotated translation into Spanish, preceded by a Preliminary Study.—En este libro se estudian las Ordenaciones de la Universidad de Barcelona de 1638, que habían quedado inéditas. Se trata de la normativa más importante y duradera del Estudio General de Barcelona, que tuvo una amplia influencia en las universidades catalanas del Barroco. Rafael Ramis Barceló y Pedro Ramis Serra reproducen el texto original en catalán, y ofrecen una traducción anotada al castellano, precedida por un estudio preliminar.
Ranatunga, Udayana / Pamunuwa, Geethi / Karunaratne, Desiree Nedra: Properties and Uses of Microemulsions
English. Inhaltliche Zusammenfassung: Properties and Uses of Microemulsions is intended to provide the reader with some important applications and features of these systems. The intricate composition of microemulsions has made them applicable in many areas such as cosmetics, pharmaceuticals, food, agriculture, oil recovery, chemical synthesis of nanoparticles, and catalysts. An introductory chapter starts off with the description of these applications followed by methods of characterization. Thereafter, a few practical applications of microemulsions focusing on drug delivery, oil recovery, and formation of nanocatalysts are described followed by the third section discussing the theoretical and physical parameters predicting microemulsion properties. The use of spin-polarized paramagnetic probes, bending energetics, and study of self-propelled motion are some of the physical parameters employed to characterize the microemulsions.
⇒ Ausführliche Angaben: HT020308257

Ranocchia, Graziano / Horn, Christoph / Helmig, Christoph: Space in Hellenistic Philosophy: Critical Studies in Ancient Physics
English. Inhaltliche Zusammenfassung: The volume discusses the notion of space by focusing on the most representative exponents of the Hellenistic schools and explores the role played by spatial concepts in both coeval and later authors who, without specifically thematising these concepts, made use of them in a theoretically original way. Renowned scholars investigate the philosophical significance and bring to light the problematical character of the ancient conceptions of space.
⇒ Ausführliche Angaben: HT020307635

Ransmayr, Jutta / de Cillia, Rudolf: Österreichisches Deutsch macht Schule
German. Inhaltliche Zusammenfassung: The book at hand deals with the topics of language-internal multilingualism and linguistic variation, pluricentricity and Austrian German in the realm of school and education in Austria. A large empirical survey among teachers and students focused on the conceptualization of German in Austria, the attitudes towards the standard varieties of German, norm concepts and teachers’ correction practice, and language use in German lessons.
⇒ Ausführliche Angaben: HT020307580

Rao, Prasada / Hromadka, Theodore: Flood Risk Management
English. Inhaltliche Zusammenfassung: In this book, contributions from several experts specializing in the area of flood risk management are assembled into a single volume. Application and testing of numerical and statistical models that can simulate the complex reality along with effective flood management strategies that are being implemented in various nations are presented. This collection of topics will provide an update to the reader as to the state of the art in this important technical field.
⇒ Ausführliche Angaben: HT020308409

Rao, Prasada / Hromadka, Theodore: Topics in Climate Modeling
English. Inhaltliche Zusammenfassung: The topics of climate change, weather prediction, atmospheric sciences and other related fields are gaining increased attention due to the possible impacts of changes in climate and weather upon the planet. Concurrently, the increasing ability to computationally model the governing partial differential equations that describe these
various topics of climate has gained a great deal of attention as well. In the current book, several aspects of these topics are examined to provide another stepping stone in recent advances in the fields of study and also focal points of endeavor in the evolving technology.

⇒ Ausführliche Angaben: HT020308042

Rao, Prasada / II, Theodore V Hromadka: Engineering and Mathematical Topics in Rainfall
English. Inhaltliche Zusammenfassung: The mathematics involved in describing the attributes of precipitation are embodied in the technical fields of Hydrology and Hydrometeorology. In this book, multiple experts present their work on various engineering characteristics of rainfall. The topics presented will update the readers on the recent developments and their applications across different regions of the world.

⇒ Ausführliche Angaben: HT020308650

Rao, Prasada / II, Theodore V Hromadka: Topics in Hydrometeorology
English. Inhaltliche Zusammenfassung: The field of hydrometeorology bridges across both meteorology and hydrology. In this book, multiple experts present their work on various topics that fall under the purview of hydrometeorology. The chapters will provide readers with some of the latest developments and applications across different regions of the world and will motivate the audience to investigate other areas in hydrometeorology.

⇒ Ausführliche Angaben: HT020309402

Rao, Srinivas P.: Numerical Simulations in Engineering and Science
English. Inhaltliche Zusammenfassung: Computational science is one of the rapidly growing multidisciplinary fields. The high-performance computing capabilities are utilized to solve and understand complex problems. This book offers a detailed exposition of the numerical methods that are used in engineering and science. The chapters are arranged in such a way that the readers will be able to select the topics appropriate to their interest and need. The text features a broad array of applications of computational methods to science and technology. This book would be an interesting supplement for the practicing engineers, scientists, and graduate students.

⇒ Ausführliche Angaben: HT020308835

Rao, Venketeshwer: Phytochemicals - A Global Perspective of Their Role in Nutrition and Health
English. Inhaltliche Zusammenfassung: Phytochemicals are biologically active compounds present in plants used for food and medicine. A great deal of interest has been generated recently in the isolation, characterization and biological activity of these phytochemicals. This book is in response to the need for more current and global scope of phytochemicals. It contains chapters written by internationally recognized authors. The topics covered in the book range from their occurrence, chemical and physical characteristics, analytical procedures, biological activity, safety and industrial applications. The book has been planned to meet the needs of the researchers, health professionals, government regulatory agencies and industries. This book will serve as a standard reference book in this important and fast growing area of phytochemicals, human nutrition and health.

⇒ Ausführliche Angaben: HT020307885

Rashed, M. Nageeb: Organic Pollutants - Monitoring, Risk and Treatment
English. Inhaltliche Zusammenfassung: Organic pollutants cause several environmental problems if discharged to air or water body. The occurrence of organic pollutants in the ecosystem, their risk and removal methods are very important issues .This book deals with several
aspects of organic pollutants, especially in the light of organic pollutants monitoring, risk assessment as well as the practical application of different techniques for removing it from the environment. The book is divided into three sections contains 9 chapters. The first section explains monitoring of organic pollutants in soil and water. The second section discusses its risk to human, soil and plants. The third section focuses on the different treatment process for the removal of organic pollutants.

⇒ Ausführliche Angaben: HT020307945

**Rath, Thomas: Advances in Nephropathy**
English. Inhaltsübersicht: Chronic kidney disease (CKD) is a world-wide known disease affecting up to 4% of the population with increasing figures in developing countries. Life expectancy of patients affected by CKD is shortened compared to the overall population and only a minority of patients reach end stage renal disease (ESRD) with the need for dialysis or renal transplantation; death overtakes dialysis. In nine chapters, this book focuses on different aspects related to the pathophysiology and clinical aspects of CKD, providing interesting insights into new and old biomarkers, allowing us to increase diagnostic and prognostic meaningfulness. In addition, chapters deal with new developments in glomerulopathies, but also aspects of the tubulocentric shift will be beneficial for the open-minded reader. Nevertheless, new insights into chronic kidney disease (CKD) and acute kidney injury (AKI) are provided.

⇒ Ausführliche Angaben: HT020309074

**Rath, Thomas: Chronic Kidney Disease - from Pathophysiology to Clinical Improvements**
English. Inhaltsübersicht: Known worldwide, chronic kidney disease (CKD) is a disease that affects up to 4% of the population with increasing figures also in the developing countries. Life expectancy of patients affected by CKD is shortened compared to the overall population, and only a minority of patients reach end-stage renal disease (ESRD) with the need for dialysis or renal transplantation; death overtakes dialysis. In the 13 chapters, this book sheds light on the different aspects related to pathophysiology and clinical aspects of CKD, providing interesting insights into not only inflammation and cardiovascular risk but also the interplay of hormones and the functional aspects of endothelial function. In addition, chapters dealing with genetic aspects of polycystic kidney disease and also the clinical handling of patients with CKD and peritoneal dialysis will be beneficial for the open-minded reader.

⇒ Ausführliche Angaben: HT020308590

**Ratuva, Steven: Contested Terrain**
English. Inhaltsübersicht: Contested Terrain provides a cutting-edge, comprehensive and innovative approach to critically analysing the multidimensional and contested nature of security narratives, justified by different ideological, political, cultural and economic rationales. This is important in a complex and ever-changing situation involving a dynamic interplay between local, regional and global factors. Security narratives are constructed in multiple ways and are used to frame our responses to the challenges and threats to our sense of safety, wellbeing, identity and survival but how the narratives are constructed is a matter of intellectual and political contestation. Using three case studies from the Pacific (Fiji, Tonga and Solomon Islands), Contested Terrain shows the different security challenges facing each country, which result from their unique historical, political and socio-cultural circumstances. Contrary to the view that the Pacific is a generic entity with common security issues, this book argues for more localised and nuanced approaches to security framing and analysis.

⇒ Ausführliche Angaben: HT020309858

English. Inhaltliche Zusammenfassung: This volume is the first systematic scholarly study that analyses the complex relationship between history and religion. It considers religious groups as both producers of historical narratives and topics of historiography. From different disciplinary perspectives, the authors explore how religions are historicised. In so doing, they address the biases and elisions of current analytical and descriptive frames in the history of religion.

⇒ Ausführliche Angaben: HT020307647

Ravanchi, Maryam Takht: New Advances in Hydrogenation Processes - Fundamentals and Applications
English. Inhaltliche Zusammenfassung: Hydrogen is one of the abundant elements on earth majorly in the form of water (H2O) and mainly as hydrogen gas (H2). Catalytic hydrogenation is a key reaction that has versatile applications in different industries. The main objective of this book is to bring together various applications of hydrogenation through the perspective of leading researchers in the field. This book is intended to be used as a graduate-level text book or as a practical guide for industrial engineers.

⇒ Ausführliche Angaben: HT020309630

Raw, Isaias / Dias, Waldely: Pertussis - Disease, Control and Challenges
English. Inhaltliche Zusammenfassung: In this book, we propose some approaches about interrelationships between vaccine strategies and microbial epidemiology, taking into account as reference the whooping cough, an endemic disease with significant morbidity and mortality and of indisputable importance in public health.

⇒ Ausführliche Angaben: HT020308881

Ray, Sajal: Biological Resources of Water
English. Inhaltliche Zusammenfassung: The book is divided into two sections and represents the current trend of research in aquatic bioresource. In the section Biology, Ecology and Physiological Chemistry, high-impact articles are contributed on reproduction, population genetics, evolution, biodiversity, biology and ecology of different aquatic faunas. Physiological chemistry of lipid, bioactive pharmaceuticals and chemical ecological aspects of aquatic organisms were discussed. In the section entitled Conservation and Sustainable Management, authors highlighted conservation- and management-related issues of various bioresources in different regions of the earth. The book mentions the biological, ecological, physiological and genetic significance of aquatic organisms with resource potential. The authors stressed on rational utilisation and management of bioresource ensuring minimal damage of the aquatic ecosystem. This book would provide a direction towards sustainable ecological management of bioresource.

⇒ Ausführliche Angaben: HT020308666

Ray, Sajal: Cell Signalling - Thermodynamics and Molecular Control
English. Inhaltliche Zusammenfassung: Intracellular signal transduction is an important topic of research in cell and molecular biology. It has a wide range of implications in growth, differentiation, development, animal polarity, cellular response monitoring, and many disease processes, including cancer. The functional homeostasis of a cell is assumed to be maintained by an intricate network of signaling that evolved through natural selection. This book includes chapters written in the frontier areas of research on cell signaling. Issues such as information thermodynamics, master regulation of immune tolerance, genetically encoded reporter circuits and their applications, hypoxia, and vitamin K2 mediated signaling processes are addressed and discussed by eminent researchers of the field.

⇒ Ausführliche Angaben: HT020309342
Ray, Sajal: Earthworms - The Ecological Engineers of Soil
English. Inhaltliche Zusammenfassung: This book in two sections represents the current
trend of research in ecology and biology of earthworms. In section Ecology and Diversity the
authors reported the ecological and geographical uniqueness and diversity of earthworms in
different environmental terrains of Siberia and Mexico. Functional interaction between ear-
thworms and soil nematodes was elucidated with reference to vermicomposting and agricultu-
ral systems. Importance of digital library was highlighted for inventorization and taxonomical
identification of earthworms. In section Vermicomposting the importance of maintaining pure
cultures was discussed from the viewpoint of growth rate and the reproduction of composting
species. This section includes article describing the management-related issues like roles of
physicochemical parameters of soil and feed mixture on growth and reproduction of commer-
cially important species of earthworm.
⇒ Ausführliche Angaben: HT020308806

Ray, Sajal: Organismal and Molecular Malacology
English. Inhaltliche Zusammenfassung: The book with two sections represents the current
trend of research in basic and applied malacology. In the section Organismal Malacology, high-
impact articles were contributed in the frontier areas of taxonomy, ecology and aquaculture
of molluscs. Importance of mussel in water quality monitoring was highlighted. Biology and
conservation of keystone molluscs were discussed from organismal point of view. Cellular
and Molecular Biology section contains informative chapters on toxin-induced differential
gene expression, spatiotemporal neural activity in olfactory processing in slug and immunity
of hydrothermal vent molluscs. Biochemistry of cellulose degradation, lipid profile and C-
reactive protein were elucidated in detail in separate chapters. This book represents a rich
source of malacological information for the scientists, teachers and students.
⇒ Ausführliche Angaben: HT020308387

Razmi, Robin / Magnusson, Peter: Infective Endocarditis
9781789859201
English. Inhaltliche Zusammenfassung: Infective endocarditis is a potentially life-threatening
devastating disease. Due to its diagnostic difficulties, definite diagnosis may be delayed. Once
diagnosed, the treatment options need careful judgment preferably among team members with
specialization in cardiology, imaging, infectious disease, and thoracic surgery. The purpose of
this book is to cover various aspects of the management of infectious endocarditis, which may
serve as a basis of knowledge that will facilitate implementation of improved, evidenced-based
care for this challenging disease.
⇒ Ausführliche Angaben: HT020309441

Razzaghi-Abyaneh, Mehdi: Aflatoxins - Recent Advances and Future Prospects
English. Inhaltliche Zusammenfassung: This book is broadly divided into five sections and
17 chapters, highlighting recent advances in aflatoxin research from epidemiology to mole-
cular genomics and control measures, biocontrol approaches, modern analytical techniques,
economic concerns and underlying mechanisms of contamination processes. This book will
update readers on several cutting-edge aspects of aflatoxins research with useful up-to-date
information for mycologists, toxicologists, microbiologists, agriculture scientists, plant patho-
logists and pharmacologists, who may be interest to understanding of the impact, significance
and recent advances within the field of of aflatoxins with a focus on control strategy.
⇒ Ausführliche Angaben: HT020307942

Razzaq, Muthanna G. Abdul / Salman, Asma: Accounting from a Cross-
Cultural Perspective
Accounting is both an art and a science, which governs the communication and processing of the financial information in an organization. Technological advancement is helping the accountants to monitor financial performance in real time. This presents both opportunities and challenges for the current day organizations and accounting professionals alike. This book shows many different aspects to the same accounting principles but from a cross-cultural perspective. The diversity of the authors who contributed to this book signify the importance of accounting from various dimensions while ensuring that standards are adhered to, and principles are followed and applied. This book intends to feature the journey from the double-entry bookkeeping developed in medieval Europe to the changing dynamics of accounting. It is divided into five main sections: The Matching Principle, Ethics in Accounting, Insurance Contracts, Green Accounting, and Financial Instruments.

Reddy, Boreddy: Advances in Diverse Industrial Applications of Nanocomposites
English. Inhaltliche Zusammenfassung: Nanocomposites are attractive to researchers both from practical and theoretical point of view because of combination of special properties. Many efforts have been made in the last two decades using novel nanotechnology and nanoscience knowledge in order to get nanomaterials with determined functionality. This book focuses on polymer nanocomposites and their possible divergent applications. There has been enormous interest in the commercialization of nanocomposites for a variety of applications, and a number of these applications can already be found in industry. This book comprehensively deals with the divergent applications of nanocomposites comprising of 22 chapters.

Reddy, Boreddy: Advances in Nanocomposites - Synthesis, Characterization and Industrial Applications
English. Inhaltliche Zusammenfassung: Advances in Nanocomposites - Synthesis, Characterization and Industrial Applications was conceived as a comprehensive reference volume on various aspects of functional nanocomposites for engineering technologies. The term functional nanocomposites signifies a wide area of polymer/material science and engineering, involving the design, synthesis and study of nanocomposites of increasing structural sophistication and complexity useful for a wide range of chemical, physicochemical and biological/biomedical processes. Emerging technologies are also broadly understood to include new technological developments, beginning at the forefront of conventional industrial practices and extending into anticipated and speculative industries of the future. The scope of the present book on nanocomposites and applications extends far beyond emerging technologies. This book presents 40 chapters organized in four parts systematically providing a wealth of new ideas in design, synthesis and study of sophisticated nanocomposite structures.

Reddy, Boreddy S.R.: Acrylic Polymers in Healthcare
English. Inhaltliche Zusammenfassung: This book on Acrylic Polymers for Healthcare presents eight chapters organised into three parts by providing new ideas in design, synthesis and a detailed study of new acrylate materials in healthcare applications. Part I represents Chapters 1, 2, 3 and 4 focussing on toning up of technologies for making dental dentures with better properties. Part II comprises Chapters 5 and 6 dealing with synthetic polymer-based nanoparticles as intelligent drug delivery systems and bismuth nanoparticles for improved green light emission. Part III represents Chapters 7 and 8 describing the aspects of mitigation of acrylamide in foods in the context of an African perspective and the importance of acrylic-based polymeric adsorbents so that the reader can get an idea about the various types and forms of polymeric materials used for the removal of heavy metals from water.
Reed, Steven: Japanese Electoral Politics
English. Inhaltliche Zusammenfassung: The old Japanese single-party system collapsed in 1993, but a new system has not yet fully evolved. Following the most significant party reform in Japanese history, this book analyses the most recent national elections, examining voter behaviour and how it is influenced. It provides a comprehensive overview of Japanese politics from 1955 to 1993 and a detailed historical study of events leading up to the 1996 and 2000 elections, before presenting statistical analysis of the elections themselves. The authors then look to the future, anticipating what form the new political system will take. Japanese Electoral Politics contains four very detailed case studies and a wealth of new data. It will appeal to students and researchers of Japanese politics and elections and electoral systems.
⇒ Ausführliche Angaben: HT020310216

Reggiani, Nicola: Greek Medical Papyri. Text, Context, Hypertext
English. Inhaltliche Zusammenfassung: This volume, authored by outstanding papyrologists and historians of ancient medicine, deals with topics focused on the papyrological evidence of ancient medical texts and contexts. The first part contains some new reflections on important sources such as the Anonymus Londinensis and the Hippocratic corpus, the second part collects papers about the “doctors’ context”, and the final part is focused on the digitisation of the medical papyri.
⇒ Ausführliche Angaben: HT020309932

Régnault-Roger, Catherine / Monge, Jean-Paul / Glitho, Isabelle: Insectes ravageurs des graines de légumineuses
French. Inhaltliche Zusammenfassung: Using the concrete example of industrial and food crop legumes in West Africa, the authors reflect on the development of African agriculture in the context of sustainable development. They address exhaustively the biology of legume seed pests (bean weevils) and analyse the various methods of effective and environmentally-friendly control. The work expands on the Integrated Pest Management methods for the bean weevils, the main legume seed pests: simple, inexpensive and low-pollution methods.
⇒ Ausführliche Angaben: HT020310360

Rehfeldt, Bernhard: Einführung in die Rechtswissenschaft. Grundfragen, Grundlagen, und Grundgedanken des Rechts
German.
⇒ Ausführliche Angaben: HT020309993

Rehnberg, Lucas / Russomano, Thais: Into Space - A Journey of How Humans Adapt and Live in Microgravity
English. Inhaltliche Zusammenfassung: Our anatomy and physiology have been completely shaped by Earth’s gravity. All body systems function in synergy with this unseen force. Yet, as we journey further and longer into space, our bodies must conform to a new reality, wherein gravity is absent or reduced, cosmic radiation threatens and our social and familial connections become distant. Into Space: A Journey of How Humans Adapt and Live in Microgravity gives an overview of some of the physiological, anatomical and cellular changes that occur in space and their effects on different body systems, such as the cardiovascular and musculoskeletal, and touches on cultural and psychosocial aspects of leaving behind family and the safety of Earth. It further addresses the complexity of manned space flights, showing how interdisciplinary this subject is and discussing the challenges that space physiologists, physicians and scientists must face as humans seek to conquer the final frontier.
⇒ Ausführliche Angaben: HT020308746
Reid, Ken: Truancy  
English. Inhaltliche Zusammenfassung: Truancy: Short and Long-term Solutions is a practical and accessible guide to dealing with the problem of truancy and non-attendance. It is the first book on the issue to actively focus on solutions to the problem, rather than the causes. Full of practical examples of the latest ways in which schools, teachers, education welfare officers and LEAs try to overcome their attendance difficulties. Ken Reid identifies nearly 120 short-term solutions as well as several long-term strategic approaches. The book also considers parental-condoned absenteeism, alternative curriculum schemes and mentoring, while the final chapter presents some strategic issues which policy-makers and politicians need to overcome. This book provides all teachers, deputy heads, head teachers, education welfare staff, social workers, learning mentors and other caring professionals with a repository of up-to-date ideas and solutions. It is essential reading for anyone involved in addressing the challenge of truancy.  
⇒ Ausführliche Angaben: HT020310072

Reifner, Udo: Finanzielle Allgemeinbildung  
⇒ Ausführliche Angaben: HT020309682

Reisch, Michael: For the Common Good  
English. Inhaltliche Zusammenfassung: For the Common Good is an anthology of selected essays by Dr. Harold Lewis, one of the intellectual leaders of the social work profession. Social work literature often reflects powerful ahistorical tendencies which, in recent years, have produced analyses of social issues that lack awareness of both the contemporary environment and the historical forces that shaped it. Lewis insights into the nature and purpose of social work help fill some of these historical and conceptual gaps, and present a clearer picture of social works true place in our society.  
⇒ Ausführliche Angaben: HT020310252

Remmele, Bernd / Ebbeler, Stefanie / Popescu-Willigmann, Silvester: Erstorientierung für Geflüchtete  
gehensweisen aus der Praxis deckt ein Kursangebot für Geflüchtete ebenso ab wie andere Formate, z.B. Informationsvorträge oder Fortbildungen für ehrenamtlich Engagierte.

⇒ Ausführliche Angaben: HT020310468

Remmer, Ulla / Liebl, Christian / Lechleitner, Gerda: Indian Recordings (Schomerus 1929); Booklet

⇒ Ausführliche Angaben: HT020307491

Ren, Yong: Heat and Mass Transfer - Advances in Modelling and Experimental Study for Industrial Applications
English. Inhaltsliche Zusammenfassung: Heat and mass transfer are ubiquitous transport phenomena in many fields, from the natural environment and living organisms to the engineering process. This book focuses on the latest advances in applying fundamental heat and mass transfer theory and novel technologies for addressing a wide range of industrial problems of interest. This book will present readers with a recent analytical study, CFD modelling, and experimental investigations of heat and mass transfer topics associated with a variety of engineering disciplines including multiphase flow, nanofluids, porous media, battery thermal management, and engineering processes such as extractive distillation and arc welding. The book aims to provide new insights to understand the heat and mass transfer phenomena, serving as a platform for exchanging inspiring ideas and boosting further development of these disciplines.

⇒ Ausführliche Angaben: HT020308996

Renes, Hans / Kolen, Jan / Hermans, Rita: Landscape Biographies
English. Inhaltsliche Zusammenfassung: Landscape Biographies explores the long, complex histories of landscapes from personal and social perspectives. Twenty geographers, archaeologists, historians, and anthropologists investigate the diverse ways in which landscapes and monuments have been constructed, transmitted, and transformed from prehistory to the present, from Manhattan to Shanghai, Iceland to Portugal, England to Estonia.

⇒ Ausführliche Angaben: HT020309824

Renes, Susan L.: Global Voices in Higher Education
English. Inhaltsliche Zusammenfassung: Traveling from Zimbabwe to New Zealand and on to Ghana and the United States, the voices of higher education are presented in a way only scholars from these regions can fully articulate and understand. The changing world of higher education challenges all of those involved in very unique ways. In Global Voices in Higher Education, scholars from 10 different countries share their work, describing not only their research but also the context in which their work exists. This book allows the reader to travel with these scholars to their colleges and universities and discover areas of concern in higher education from around the globe.

⇒ Ausführliche Angaben: HT020308284

Renna, Massimiliano / Santamaria, Pietro / Signore, Angelo: Biodiversity of Vegetable Crops, A Living Heritage
Intensive agriculture has generally resulted in higher productivity, but also in a trend towards decreasing levels of agro-biodiversity, which represents a key point in ensuring the adaptability and resilience of agro-ecosystems in the global challenge to produce more and better food in a sustainable way. The biodiversity of vegetable crops includes genetic diversity—both as species diversity (interspecific diversity) and as a diversity of genes within a species (intraspecific diversity) with regard to the vegetable varieties grown—and the diversity of agro-ecosystems (agro-biodiversity). The purpose of this Special Issue is to publish high-quality research papers addressing recent progress and perspectives on different aspects related to the biodiversity of vegetable crops. Original, high-quality contributions that have not yet been published, or that are not currently under review by other journals have been sought. The papers in this Special Issue cover a broad range of aspects and report recent research results regarding agro-biodiversity, which continues to be of significant relevance for both genetic and agricultural applications. All contributions are of significant relevance and could stimulate further research in this area.

⇒ Ausführliche Angaben: HT020307440

Rescigno, Giuseppe / Firstenberg, Michael S.: Topics in Heart Failure Management

Inhaltliche Zusammenfassung: This textbook represents a short update on original aspects of heart failure. It covers topics of heart failure management such as prevention, drug monitoring after heart transplant, and the critical care approach. There are also chapters on less common facets of this syndrome such as prevalence and features in a specific African region and the complexity of telemedicine in heart failure. In summary, it will be a valid adjunct to more exhaustive textbooks already available.

⇒ Ausführliche Angaben: HT020309422

Reslow, Natasja: Chapter 3 Horizontal and Vertical Diversity

Inhaltliche Zusammenfassung: Unintended consequences arising from EU external migration policy are a result of the multi-actor nature of this policy and of policy interactions. In addition, scholars face serious methodological challenges in establishing what the EU’s ‘intent’ is in external migration policy and, therefore, in determining which consequences are intended and which are unintended. The literature on the implementation and evaluation of EU external migration policy is in its infancy, and future work should take into account all policy outcomes - both those that were intended and those that were not.

⇒ Ausführliche Angaben: HT020310413

Restrepo, Juan Felipe Córdoba / Toledo, Elea Giménez: Edición académica y difusión. Libro abierto en Iberoamérica

Inhaltliche Zusammenfassung: Conocer la situación del acceso abierto del libro académico en Iberoamérica fue el objetivo de la investigación que se presenta en este libro. Entender las dinámicas propias de los libros en acceso abierto en el espacio iberoamericano en este momento particular permite trazar rutas y diseñar estrategias que favorezcan la presencia de contenidos académicos en español y en otros idiomas de la región en la red. Todo ello entendiendo el acceso abierto como una extraordinaria posibilidad de divulgación y circulación de contenidos académicos, además de verlo como un compromiso con la sociedad. La panorámica que se ofrece en este libro es resultado de un estudio en el que participaron más de ciento cuarenta editoriales universitarias latinoamericanas, por medio de un instrumento diseñado para tal fin, aportando información sobre la edición digital y la edición de publicaciones en acceso abierto en la región. Estos resultados fueron complementados mediante entrevistas a algunos de los coordinadores de las redes nacionales de editoriales universitarias y con varios representantes del sector. Adicionalmente, los resultados son comparados con los de España. El estudio se complementa, además, con una revisión del entorno global de la edición de libros en abierto y de los posibles modelos de financiación, así como algunos análisis sobre la propiedad intelectual.
**Rey, Freddy:** Restaurer les milieux et prévenir les inondations grâce au génie végétal
French. Inhaltliche Zusammenfassung: Public policies in France and in Europe obligate decision makers to consider an integrated management of habitats and territories that combines several benefits. This book provides innovative vegetation engineering solutions for reconciling habitat restoration with flood prevention.

⇒ Ausführliche Angaben: HT020310369

**Reyhanoglu, Mahmut:** Computational and Experimental Studies of Acoustic Waves
English. Inhaltliche Zusammenfassung: This book presents recent studies of acoustic wave propagation through different media including the atmosphere, Earths subsurface, complex dusty plasmas, porous materials, and flexible structures. Mathematical models of the underlying physical phenomena are introduced and studied in detail. With its seven chapters, the book brings together important contributions from renowned international researchers to provide an excellent survey of recent computational and experimental studies of acoustic waves. The first section consists of four chapters that focus on computational studies, while the next section is composed of three chapters that center on experimental studies.

⇒ Ausführliche Angaben: HT020308536

**Reyhanoglu, Mahmut:** Dynamical Systems - Analytical and Computational Techniques
English. Inhaltliche Zusammenfassung: There has been a considerable progress made during the recent past on mathematical techniques for studying dynamical systems that arise in science and engineering. This progress has been, to a large extent, due to our increasing ability to mathematically model physical processes and to analyze and solve them, both analytically and numerically. With its eleven chapters, this book brings together important contributions from renowned international researchers to provide an excellent survey of recent advances in dynamical systems theory and applications. The first section consists of seven chapters that focus on analytical techniques, while the next section is composed of four chapters that center on computational techniques.

⇒ Ausführliche Angaben: HT020308191

**Reyhanoglu, Mahmut:** Nonlinear Systems - Modeling, Estimation, and Stability
English. Inhaltliche Zusammenfassung: This book focuses on several key aspects of nonlinear systems including dynamic modeling, state estimation, and stability analysis. It is intended to provide a wide range of readers in applied mathematics and various engineering disciplines an excellent survey of recent studies of nonlinear systems. With its thirteen chapters, the book brings together important contributions from renowned international researchers to provide an excellent survey of recent studies of nonlinear systems. The first section consists of eight chapters that focus on nonlinear dynamic modeling and analysis techniques, while the next section is composed of five chapters that center on state estimation methods and stability analysis for nonlinear systems.

⇒ Ausführliche Angaben: HT020308851

**Rezaei, Nima:** Immunogenetics
English. Inhaltliche Zusammenfassung: Because genetic factors can impact immune responses, and immunogenetic associations serve as a predictor of disease development and as a biological indicator of disease progression, the study of immunogenetics is important to basic genetics and immunology, as well as to translational and individualized medicine. This book addresses a few but important issues on the subject of immunogenetics. First, it will review the role that human leukocyte antigen molecules play in the immune system and then take into consideration the effectiveness of Western blotting for the detection of immunologic proteins. The book will discuss studies on the immunogenetics of cancer and tuberculosis followed by implications for immunotherapy. Working separately, the book will also provide evidence that the application of immunogenetics has improved our understanding of brain and behavior disorders.

⇒ Ausführliche Angaben: HT020309424

Rezaei, Nima: Physiology and Pathology of Immunology

English. Inhaltliche Zusammenfassung: Having authored and published many successful and important textbooks in primary immunodeficiencies and cancer immunology, the editor of Physiology and Pathology of Immunology has ensured the high standard of writing and authenticity of the contents in this publication. The current book covers a spectrum of high-impact knowledge on the complex interplay between the environment, genes, and immunity that culminates in a generation of notorious processes of immune-related disorders. From evolution of regulatory T-cell function, gigantic cytokine networks within the human body to host-pathogen interactions of Chagas disease and Parkinsons disease, the Physiology and Pathology of Immunology goes further to decipher new codes from the immunity enigma, making it essential for experienced and new learners who wish to join the galaxy of modern immunology.

⇒ Ausführliche Angaben: HT020308525

Rezzani, Rita / Rodella, Luigi Fabrizio: Carotid Artery - Gender and Health

English. Inhaltliche Zusammenfassung: This book collects recent experimental and clinical studies on gender influence in carotid artery compliance in health and pathological states, discussing also the usefulness and appropriateness of specific and personal medical therapy. Additionally, it provides an overview of the growing importance of ongoing studies on the benefit and risk of gender-specific therapy.

⇒ Ausführliche Angaben: HT020309497

RG, Ahmed: Germ Cell

English. Inhaltliche Zusammenfassung: This book focuses on the development and biology of germ cell and is edited by Ahmed RG, associate professor and Doctor of Developmental and Experimental Biology, Division of Anatomy and Embryology, Zoology Department, Faculty of Science, Beni-Suef University, Egypt. While many articles have appeared in journals on germ cell, this book provides you with a rare treat - an extensive and intensive study on it. It is one of a kind, offering important and valuable information about the biology of germ cell. This book covers the specification, regulation, and reprogramming of germ cell and germ line stem cells. This book provides important information about the new insight into germ cell signaling and the genotoxic in vitro studies in testicular germ cells. This book offers significant results about the origin, specification, and development of the female germ line in placental mammals and the germ cell tumors and their association with pregnancy.

⇒ Ausführliche Angaben: HT020308556

Rhode, Robert D.: Setting in the American Short Story of Local Color, 1865-1900
Ribón, Wellman: Hansens Disease - The Forgotten and Neglected Disease
English. Inhaltliche Zusammenfassung: Hansens Disease - The Forgotten and Neglected Disease provides concise information on the relevant aspects of the disease of leprosy, including immunological, epidemiological, clinical and molecular studies that are of great importance in the study of an often-ignored disease, which remains a great challenge to humanity. It collects contributions made by professional experts in the study of Mycobacterium leprae, providing perspectives with knowledge, experience and research, highlighting that the disease continues to be of interest to public health. It is expected that this book will be useful and contribute to the expansion of information and interest about the disease commonly known as leprosy.

 Ribón, Wellman: Mycobacterium - Research and Development
English. Inhaltliche Zusammenfassung: This book arose from the combination of diverse areas of knowledge, experience, research, and points of view that try to demonstrate that mycobacteria are a complex science and very relevant to scientific studies that affect the human being in the world. Sophisticated techniques for improving human health do not guarantee that the battle against mycobacteria has been won, since tuberculosis, mycobacteriosis, and leprosy are a daily challenge in the world. The book includes contributions made by prestigious experts and research groups in different areas of mycobacteria, and they have contributed new perspectives of their area giving a comprehensive, important, and fascinating emphasis of this field that continues to offer challenges that lead various disciplines to understand their biology and pathogenicity. It is hoped that these chapters will be very useful for learning and discussion.

Rice, Roberta / Arce, Moisés: Protest and Democracy
English. Inhaltliche Zusammenfassung: In 2011, political protests sprang up across the world. In the Middle East, Europe, Latin America, the United States unlikely people sparked or led massive protest campaigns from the Arab Spring to Occupy Wall Street. These protests were made up of educated and precariously employed young people who challenged the legitimacy of their political leaders, exposed a failure of representation, and expressed their dissatisfaction with their place in the aftermath of financial and economic crisis.This book interrogates what impacts-if any-this global protest cycle had on politics and policy and shows the sometimes unintended ways it continues to influence contemporary political dynamics throughout the world. Proposing a new framework of analysis that calls attention to the content and claims of protests, their global connections, and the responsiveness of political institutions to protest demands, this is one of the few books that not only asks how protest movements are formed but also provides an in-depth examination of what protest movements can accomplish. With contributions examining the political consequences of protest, the roles of social media and the internet in protest organization, left- and right-wing movements in the United States, Chile’s student movements, the Arab Uprisings, and much more this collection is essential reading for all those interested in the power of protest to shape our world.

Ridge, Ryan: American Homes
English. Inhaltliche Zusammenfassung: An eccentric, otherworldly guide to the domestic spaces Americans inhabit.
Rigobelo, Everlon Cid: Plant Growth
English. Inhaltliche Zusammenfassung: Over the last few decades, the prevalence of studies about plant growth has dramatically grown in most regions of the world. Many aspects have been investigated related to this phenomenon. If we can gain understanding of how plants grow, then we may be able to manipulate it to reduce both chemical fertilizer use and its environmental impact without decreasing the yield. This book provides information about the use of bio-agents, plant health, plant pathogen, property of melanin, and the influence of rootstock and root growth. We hope this information will be useful for all the people who work with this hot topic.
⇒ Ausführliche Angaben: HT020308084

Rigobelo, Everlon Cid: Probiotic in Animals
English. Inhaltliche Zusammenfassung: Over the last few decades the prevalence of studies about probiotics strains has dramatically grown in most regions of the world. The use of probiotics strains in animals production may reduce several problems caused by antibiotics therapy, growth promoter and problems from inadequate management. Probiotics are specific strains of microorganisms, which when served to human or animals in proper amount, have a beneficial effect, improving health or reducing risk of get sick. This book provides the maximum of information for all that need them trying with this to help many people at worldwide.
⇒ Ausführliche Angaben: HT020307925

Rigobelo, Everlon Cid: Probiotics
English. Inhaltliche Zusammenfassung: Over the last few decades the prevalence of studies about probiotics strains has dramatically grown in most regions of the world. Probiotics are specific strains of microorganisms, which when served to human or animals in proper amount, have a beneficial effect, improving health or reducing risk of getting sick and the probiotics are used in production of functional foods and pharmaceutical products. This book provides the maximum of information approaching issues as probiotics in food, health, biotechnological aspects and the use of probiotics in aquaculture for all that need them trying with this to help many people at worldwide.
⇒ Ausführliche Angaben: HT020307926

Rigobelo, Everlon Cid: Symbiosis
English. Inhaltliche Zusammenfassung: Over the last few decades, the prevalence of studies about symbiosis has dramatically grown in most regions of the world. Many aspects have been investigated related to this phenomenon. If we can gain understanding about symbiosis, then we may be able to manipulate it to reduce both chemical fertilizer use and environmental impact without decreasing the yield. This book provides information about the symbiotic relationship between a fern and Azolla, plant control over thread development during legume-rhizobia symbiosis, bacterial leaf nodule symbiosis in flowering plants and the potential of rhizobium strains in improving nitrogen fixation and legume yields. We hope this information will be useful to all people working on a hot topic.
⇒ Ausführliche Angaben: HT020308750

English. Inhaltliche Zusammenfassung: The decline of wildlife populations is increasingly posing a challenge to wildlife management agencies. In the face of increasing challenges such as wildlife diseases, human-wildlife conflicts, climate change, illegal hunting, and habitat loss, among others, new management models and strategies are being adopted to address these challenges. These models and strategies have, however, produced some mixed outcomes - both failures and successes. Wildlife Management - Failures, Successes and Prospects
provides an understanding of some of the realities shaping wildlife management policies in different parts of the world. Drawing from case studies, the book presents some challenges facing wildlife management and the emerging management models, strategies, options for action, and success stories. This book offers a real field experience to conservation practitioners, planners, researchers, academicians, and students.

⇒ Ausführliche Angaben: HT020309236

**Ringmar, Erik: The Mechanics of Modernity in Europe and East Asia**


English. Inhaltliche Zusammenfassung: Why, from the eighteenth century onwards, did some countries embark on a path of sustained economic growth, while others stagnated? This text looks at the kind of institutions that are required in order for change to take place, and Ringmar concludes that for sustained development to be possible, change must be institutionalized. Taking a global view, Ringmar investigates the implications of his conclusion on issues facing the developing world today.

⇒ Ausführliche Angaben: HT020310098

**Rinken, Toonika: Biosensors - Micro and Nanoscale Applications**


English. Inhaltliche Zusammenfassung: Nowadays, the implementation of novel technological platforms in biosensor-based developments is primarily directed to the miniaturization of analytical systems and lowering the limits of detection. Rapid scientific and technological progress enables the application of biosensors for the online detection of minute concentrations of different chemical compounds in a wide selection of matrixes and monitoring extremely low levels of biomarkers even in living organisms and individual cells. This book, including 16 chapters, characterizes the present state of the art and prospective options for micro and nanoscale activities in biosensors construction and applications.

⇒ Ausführliche Angaben: HT020307994

**Rinken, Toonika: State of the Art in Biosensors - General Aspects**


English. Inhaltliche Zusammenfassung: As biosensors comprise a prospective alternative to traditional chemical analyses, enabling fast on- and in-line measurements with sufficient selectivity, the field is expanding rapidly and is offering new ideas and developments every day. This book aims to cover the present state of the art in the biosensor technology and introduce the general aspects of biosensor-based techniques and methods. The book consists of 13 chapters by 44 authors and is divided into 3 sections, focused on bio-recognition techniques, signal transduction methods and signal analysis.

⇒ Ausführliche Angaben: HT020309592

**Ritter-Schmalz, Cornelia / Schwitter, Raphael: Antike**


German. Inhaltliche Zusammenfassung: The everyday use of texts in the ancient world relates in many ways to contemporary practice. Besides inscribed artifacts, the self-reflection of Greek and Roman authors demonstrate an awareness of the importance of materiality. This book presents sixteen interdisciplinary studies of specific cases that illuminate this complex interaction between material presence, media semantics, and literary reflection.

⇒ Ausführliche Angaben: HT020309962

**Rizvi, Raheela M.: Pelvic Floor Disorders**


English. Inhaltliche Zusammenfassung: Pelvic floor disorders, which include urinary and fecal incontinence and pelvic organ prolapse, are highly prevalent conditions in women. In the United States alone, this affects almost 25% of women. These disorders often affect women's daily life activities, their sexual function, their ability to exercise, and their social and psychological life. Pelvic floor disorders are usually diagnosed clinically, but in complicated cases,
pelvic imaging and electromyographic studies may be required. This book attempts to dis-
cuss the pathophysiology of pelvic floor disorders, its treatment by the use of a new synthetic
material, and treatment for recurrent POP. Although there are many books available on this
topic, it includes some of the original research work and surgical innovation. We would like to
acknowledge all the authors for their hard work in completing this book.
⇒ Ausführliche Angaben: HT020308755

Roberts, Matt: Männer 40 +
⇒ Ein Medium
   - Freihand:
     ⇒ DDC (Dewey Decimal Classification):
       - 610DNB 610DNB
     ⇒ DDC (Dewey Decimal Classification):
       - 61023sdbn 61023sdbn
⇒ Ausführliche Angaben: HT020311512

Robinson, Wendy: Power to Teach
English. Inhaltliche Zusammenfassung: This book illustrates hitherto unexamined connecti-
ons between the present state of teacher education in the UK and past models of practice.
It locates contemporary debates within ongoing historical tensions over what constitutes a
sound and proper start to a career in teaching. Questions as to the constituents of a profes-
sional training, the essential skills, knowledge and attitudes desired of an effective teacher,
the most suitable locus of expertise, the relative roles of participants, and the balance of
theory and practice lie at the heart of this book. The book reviews apprenticeship and teach-
exemplar models of training, expert-novice relationships, model and demonstration teaching,
school-based practice and the elaboration of core pedagogical principles in educational debate
and research. These developments are assessed against recent initiatives in ITT, such as part-
nership models of ITT, school-based mentoring, advanced skills teaching, training schools, a
standards-driven model of assessment for student teachers and models of effective teaching.
Central to the book is the concept of the power to teach. By reclaiming this notion, the book
offers challenging new perspectives on current policy and practice in teacher education today
and adds to existing histories of teacher training of the past.
⇒ Ausführliche Angaben: HT020310164

Robson, Brian Albert: Redefining Standard Model Cosmology
9781838808655
English. Inhaltliche Zusammenfassung: The current standard model of cosmology is based
primarily on two incompatible theoretical models: (1) the standard model of particle physics,
which describes the physics of the very small in terms of quantum mechanics, and (2) the
general theory of relativity, which describes the physics of the very large in terms of classical
physics. Both these theoretical models are considered to be incomplete in the sense that they
do not provide any understanding of several empirical observations, such as the Big Bang,
dark matter, dark energy, gravity, and matter-antimatter asymmetry in the universe. The
main aim of this book is to discuss these serious problems that threaten to undermine the
current standard model of cosmology.
⇒ Ausführliche Angaben: HT020309413

Rocha, Jorge: Multi-agent Systems
English. Inhaltliche Zusammenfassung: Multi-agent system (MAS) is an expanding field in
science and engineering. It merges classical fields like game theory with modern ones like
machine learning and computer science. This book provides a succinct introduction to the subject, covering the theoretical fundamentals as well as the latter developments in a coherent and clear manner. The book is centred on practical applications rather than introductory topics. Although it occasionally makes reference to the concepts involved, it will do so primarily to clarify real-world applications. The inner chapters cover a wide spectrum of issues related to MAS uses, which include collision avoidance, automotive applications, evacuation simulation, emergence analyses, cooperative control, context awareness, data (image) mining, resilience enhancement and the management of a single-user multi-robot.

⇒ Ausführliche Angaben: HT020308436

Rocha, Lurdes Bertol / Trindade, Gilmar Alves / Rangel, Maria Cristina: Geografia e ensino: dimensões teóricas e práticas para a sala de aula
Portuguese. Inhaltliche Zusammenfassung: A obra apresenta como tema central o ensino de Geografia, com importantes discussões teóricas e reflexões sobre o papel e a importância da pesquisa escolar. Traz, ainda, experiências que se colocam como possibilidades para a melhoria da qualidade do ensino da disciplina em questão, em especial na educação básica.
⇒ Ausführliche Angaben: HT020307455

RoCKIn - Benchmarking Through Robot Competitions
English. Inhaltliche Zusammenfassung: The book RoCKIn - Benchmarking Through Robot Competitions describes the activities and achievements on the promotion of Robotics research and benchmarking in Europe through robot competitions, carried out within the framework of the RoCKIn (Robot Competitions Kick Innovation in Cognitive Systems and Robotics) Coordination Action, a project funded by the European Commission (EC) 7th Framework Programme (FP7). RoCKIn was one of the two pioneer projects on robot competitions in Europe funded by the EC, representing the acknowledgment of robot competitions as important tools to advance research on Robotics, besides education and public awareness of Robotics. Two challenges were selected for the RoCKIn competitions due to their high relevance and impact on Europes societal and industrial needs: domestic service robots (RoCKIn@Home) and innovative robot applications in industry (RoCKIn@Work). Along the book chapters the reader will find details on RoCKIn@Home and RoCKIn@Work, and about the activities carried out during the project lifetime, namely the developed open domain test beds for competitions targeting the two challenges and usable by researchers worldwide; the scoring and benchmarking methods to assess the performance of robot systems and subsystems; and the building up of a community of new teams. The book ends with an assessment by the project industrial partner about the impact of RoCKIn and other robot competitions on the industrial robot markets. <br/> <img style=left; margin-right: 10px; margin-top: 7px; width: 100%; src= //cdn.intechopen.com/public/images/rockin.png alt= Rockin height=150<br/> <span style=font-style: italic; font-size: 85%; The project work was funded by the European Commission (EC) 7th Framework Programme (FP7), under the 9th Call for projects on Information and Communication Technologies. The publishing of this book was funded by the EC FP7 Post-Grant Open Access Pilot programme. </span).
⇒ Ausführliche Angaben: HT020309645

Roderick, Martin: The Work of Professional Football
English. Inhaltliche Zusammenfassung: A long-term study providing rare insights into the precarious career and ordinary working culture of professional footballers. Away from the celebrity-obsessed media gaze, the work of a professional footballer is rarely glamorous and for most players a career in football is insecure and short-lived. A former professional, Martin Roderick’s familiarity with the world of football is the foundation for this privileged research into a world that is typically closed to the public gaze and ignored by media reportage and academic research which prefers to focus on a small, unrepresentative group of elite players. Key themes explored within the text include: the culture of work in professional football the
changing identity, orientation and expectations of players during their careers the fragile and uncertain nature of professional sport careers the performance and dramatic aspects of a career under public scrutiny the role of relationships with managers, owners, support staff and partners players responses to the insecurities inherent in professional football such as injury, ageing, performance and transfer. The text deals with a wide range of issues of interest to sports students and academics, particularly those with a focus on the sociology of sport but also including sport development, sport management and coaching studies. The text will also be of interest to researchers in the fields of careers, industrial relations and the sociology of work.

⇒ Ausführliche Angaben: HT020310083

Rodrigo, Luis: Advances in Pancreatic Cancer
English. Inhaltliche Zusammenfassung: Pancreatic cancer is a growing source of cancer-related death and has poor survival rates, which have not improved in the last few decades. Its high-mortality rate is attributed to pancreatic cancer biology, difficulty in early diagnosis, and lack of standardized international guidelines in assessing the pancreatic masses. This book aims to provide an update in the current state of play in pancreatic cancer diagnosis and to evaluate the benefits and limitations of the available diagnostic technology and therapy. The main modalities for diagnosis are imaging with HCT, MRI, USE, and PET. Some chapters review the improvements in the techniques used. Timely and accurate diagnosis of pancreatic cancer can lead to improve in the current poor outcome of this disease.

⇒ Ausführliche Angaben: HT020308946

Rodrigo, Luis: Ascites - Physiopathology, Treatment, Complications and Prognosis
English. Inhaltliche Zusammenfassung: The term ascites is from the Greek word askites meaning baglike. Although most commonly due to cirrhosis, severe liver disease or metastatic cancer, its presence can be a sign of other significant medical problems, such as Budd-Chiari syndrome. Diagnosis of the cause is usually done with blood tests, an ultrasound scan of the abdomen, and direct removal of the fluid by a needle or paracentesis (which may also be therapeutic). Treatment using medications (diuretics), external drainage, or other treatments is clearly defined. In this book, the authors describe the physiopathology of the diverse causes of ascites, the types of treatments recommended, the recent advances achieved, the complications and the prognosis of the different clinical situations that doctors must face.

⇒ Ausführliche Angaben: HT020308495

Rodrigo, Luis: Bile Duct Cancer
English. Inhaltliche Zusammenfassung: Cholangiocarcinoma is a type of malignant tumor that affects the biliary system. It can arise anywhere in the bile ducts, manifesting itself as obstructive jaundice. It has an annual incidence of 1-2 cases per 100,000 people. One variety of the disease, the Klatskin tumor, occurs in the hepatic hilum and is characterized by poor prognosis. Generally, cholangiocarcinomas are slow-growing tumors with late metastases. Localized tumors are treated surgically, but intervention is discouraged when they are extensive. The disease affects both sexes, but most cases occur in patients aged over 60 years. Primary sclerosing cholangitis, chronic biliary infection, and choledochal cysts are associated with an increased risk of cholangiocarcinoma.

⇒ Ausführliche Angaben: HT020309508

Rodrigo, Luis: Celiac Disease and Non-Celiac Gluten Sensitivity
English. Inhaltliche Zusammenfassung: This book contains recent advances about CD and NCGS written in eight chapters and is divided in three sections. In the first section, the main hallmarks of both diseases are described, together with the current diagnostic criteria of CD
and its influence on the response to the vaccination against hepatitis B virus infection. The second section is dedicated to the description of several techniques for gluten determination in foods and if its consumption is good for nonceliac people. Finally, the third section contains complementary information related to the description and application of novel endoscopic techniques for confirming the diagnosis of CD. Another topic describes the growing consumption of gluten-free products and the adherence to this type of diet.

⇒ Ausführliche Angaben: HT020308280

Rodrigo, Luis: Colorectal Cancer - From Pathogenesis to Treatment
English. Inhaltsliche Zusammenfassung: Colorectal cancer (CRC) is a major health problem because it represents around 10% of all cancers and achieves a worldwide estimate of 1.4 million newly diagnosed cases annually, resulting in approximately 700,000 deaths. Approximately 19-31% of patients present liver metastases. At diagnosis, a further 23-38% will develop extra-hepatic disease. Over the past decade, the widespread use of modern chemotherapeutic and biological agents, combined with laparoscopic surgical techniques, has improved the prognosis of metastatic CRC. A better understanding of the biology of the tumor, along with high efficiency of diagnostic and therapeutic methods, as well as the spread of screening programs, will improve the survival of the CRC patients in the near future.

⇒ Ausführliche Angaben: HT020308029

Rodrigo, Luis: Human Helminthiasis
English. Inhaltsliche Zusammenfassung: Human helminthiasis, known as worm infections, is any macroparasitic disease affecting humans, in which a part of the body is invaded by a lot of worms, known as helminths. They are broadly classified into flukes, tapeworms, and roundworms. Soil-transmitted helminthiasis and schistosomiasis are the most important, being included into the neglected tropical diseases. Helminthiasis has been found to result in poor birth outcome, less cognitive development, lower school and work performance, lower socioeconomic development, and poverty. Soil-transmitted helminthiases are responsible for parasitic infections in as much as a quarter of the human population worldwide. This group of infective diseases has been targeted under the joint action of the worlds leading pharmaceutical companies and local governments, trying to achieve their eradication.

⇒ Ausführliche Angaben: HT020308155

Rodrigo, Luis: Iron Deficiency Anemia
English. Inhaltsliche Zusammenfassung: Iron deficiency (ID) and iron deficiency anemia (IDA) are prevalent conditions all over the world. The groups at highest risk are children, premenopausal women and socially disadvantaged people. Diagnose of ID using a full blood examination and iron studies can be difficulted by concomitant inflammation. Management of ID involves identification and treatment of its cause, as well as effective iron replacement. Patients who fail to respond to iron replacement will performed an endoscopy to exclude internal bleeding. Both enteral and parenteral iron are effective at replacing iron. For adult patients, we recommend trialling daily oral iron (30-100 mg of iron) as the first-line therapy. Patients who fail to respond to oral iron replacement can be safely managed with intravenous iron.

⇒ Ausführliche Angaben: HT020309343

Rodrigo, Luis: Liver Research and Clinical Management
English. Inhaltsliche Zusammenfassung: Hepatology is the medical specialty that studies the normal functioning of the liver and its diseases. It has experienced a steady progress in recent decades, as well as occurred in other medical specialties. It deals with the acute and chronic
inflammatory processes of the liver, among which is the viral hepatitis. Recently, very effective drugs have been introduced in this field that achieves the elimination of the hepatitis C virus in the great majority of patients. Nonalcoholic steatohepatitis has increased markedly worldwide especially in Western countries in relation to overweight, diabetes, and other metabolic conditions. Cirrhosis and its complications are better managed, and patients live longer, thanks also to the earlier detection of hepatocarcinoma and the generalization of the use of liver transplants. This book deals with all of these interesting topics, thanks to the excellent collaboration of a great group of specialists that have collaborated with their knowledge and expertise in this edition.

⇒ Ausführliche Angaben: HT020308686

Rodriguez-Landa, Juan Francisco / Cueto-Escobedo, Jonathan: A Multidisciplinary Look at Menopause
English. Inhaltliche Zusammenfassung: Menopause is a natural state of development in women, but it is also a period of vulnerability to the development of several disorders, such as vasomotor symptoms, hot flashes, vaginal dryness, osteoporosis, cognitive deterioration, depression, and anxiety. Factors as diverse as culture, diet, exercise, maternity, age, and genetics can influence the severity of symptoms that are experienced during menopause and can modify the response to diverse therapies. Studying menopause from a multidisciplinary perspective will help elucidate the different factors that affect health during this specific stage of a womans life. This book presents several aspects of menopause, including its evolutionary origins, novel nonhormonal therapies, and the neurobiology of related disorders.

⇒ Ausführliche Angaben: HT020308381

Rodriguez-Morales, Alfonso J.: Current Topics in Giardiasis
English. Inhaltliche Zusammenfassung: Giardiasis is still a significant infectious and parasitic disease, caused by the protozoan Giardia intestinalis. There are estimates of more than 200 million cases of giardiasis occurred in the world annually. The advance in research in giardiasis during the last century and particularly during the last decade is considerable. Nevertheless, many challenges still are ahead in order to reach a higher control of this disease. This book tried to update the significant epidemiological and clinical research in many aspects with a multinational perspective. This book with 9 chapters has been organized in 3 major sections: 1. Overview, Epidemiology and Clinical Aspects, 2. Biological and Diagnostic Aspects, and 3. Treatment, Prevention and Public Health.

⇒ Ausführliche Angaben: HT020308511

Rodriguez-Morales, Alfonso J.: Current Topics in Malaria
English. Inhaltliche Zusammenfassung: Malaria is still the main vector-borne parasitic disease in the world. Fortunately, elimination of this disease was achieved in multiple countries during the last decades. During the last decade, a significant reduction of malaria in the Americas was achieved. Nevertheless, many challenges still are ahead in order to reach a higher control and to continue in the elimination toward a world free of malaria in the next decades. This book tries to update the significant epidemiological and clinical research in many aspects with a multinational perspective. This book with 20 chapters is organized into 5 major sections: (I) Clinical and Epidemiological Aspects, (II) Basic Science, (III) Therapeutics and Antimalarials, (IV) Vaccines, and (V) Entomology and Vector Control.

⇒ Ausführliche Angaben: HT020308092

Rodriguez-Morales, Alfonso J.: Current Topics in Tropical Emerging Diseases and Travel Medicine
English. Inhaltliche Zusammenfassung: Tropical emerging diseases pose a significant risk for
the circulation of old and new pathogens in areas previously unknown, also implying the possibility of new morbidities and mortalities and new consequences for naïve populations. Globalization, migration and travel are key factors for tropical diseases, and represent the need for integration of tropical medicine, travel medicine and epidemiology in the understanding of such complex situations. Neglected tropical diseases such as leprosy or Chagas disease, arboviral diseases, HIV, Ebola, and arenaviral infections are just a few examples. This book tries to update significant epidemiological and clinical research in many aspects with a multinational perspective.

⇒ Ausführliche Angaben: HT020309163

Rodriguez-Morales, Alfonso J.: Current Topics in Tropical Medicine

English. Inhaltliche Zusammenfassung: Tropical Medicine has emerged and remained as an important discipline for the study of diseases endemic in the tropic, particularly those of infectious etiology. Emergence and reemergence of many tropical pathologies have recently aroused the interest of many fields of the study of tropical medicine, even including new infectious agents. Then evidence-based information in the field and regular updates are necessary. Current Topics in Tropical Medicine presents an updated information on multiple diseases and conditions of interest in the field. It includes pathologies caused by bacteria, viruses and parasites, protozoans and helminths, as well as tropical non-infectious conditions. Many of them are considering not only epidemiological aspects, but also diagnostic, therapeutic, preventive, social, genetic, bioinformatic and molecular ones. With participation of authors from various countries, many from proper endemic areas, this book has a wide geographical perspective. Finally, all of these characteristics, make an excellent update on many aspects of tropical medicine in the world.

⇒ Ausführliche Angaben: HT020307882

Rodriguez-Morales, Alfonso J.: Current Topics in Zika

English. Inhaltliche Zusammenfassung: Zika was an arbovirus not considered relevant until the epidemics of 2007, where in the islands of the Pacific, Yap, Micronesia, and others, and later in the Americas in 2015-2016, it created a significant public health threat. Zika is a flavivirus that has been especially important not just for the high number of cases but also for its related morbidity. In the case of adult population, multiple neurological diseases are already associated and in pregnant women because of its confirmed teratogenic capacity, leading to microcephaly as well as other central nervous system (CNS) birth defects. This book tried to update the significant epidemiological and clinical research in many aspects with a multinational perspective.

⇒ Ausführliche Angaben: HT020308771

Röhl, Klaus F.: Die Gerechtigkeitstheorie des Aristoteles aus der Sicht sozialpsychologischer Gerechtigkeitsforschung

⇒ Ausführliche Angaben: HT020307489
Römer, Catarina / Brendler, Hildrun / Macha, Hildegard: Gender und Diversity im Unternehmen
⇒ Ausführliche Angaben: HT020310466

Roesler, Bruna Maria: Helicobacter Pylori - New Approaches of an Old Human Microorganism
English. Inhaltliche Zusammenfassung: Helicobacter pylori is an universally distributed bacterium which affects more than half of the world population. H. pylori infection causes persistent inflammation with different clinical outcomes in humans, including chronic gastritis, peptic ulcer disease and gastric cancer. The infection has also been associated with several extradigestive disorders. In this book there is a comprehensive overview of contributors on H. pylori infection in diverse areas, including virulence factors of H. pylori and their importance for the clinical outcome of the diseases, discussions about the principal therapeutic regimens of bacterium eradication, also considering the antimicrobial resistance. H. pylori is clearly a very interesting bacteria and great studies and discussions about all its aspects are welcome to the medical and scientific communities.
⇒ Ausführliche Angaben: HT020309488

Roessner, Ute: Metabolomics
English. Inhaltliche Zusammenfassung: Metabolomics is a rapidly emerging field in life sciences, which aims to identify and quantify metabolites in a biological system. Analytical chemistry is combined with sophisticated informatics and statistics tools to determine and understand metabolic changes upon genetic or environmental perturbations. Together with other omics analyses, such as genomics and proteomics, metabolomics plays an important role in functional genomics and systems biology studies in any biological science. This book will provide the reader with summaries of the state-of-the-art of technologies and methodologies, especially in the data analysis and interpretation approaches, as well as give insights into exciting applications of metabolomics in human health studies, safety assessments, and plant and microbial research.
⇒ Ausführliche Angaben: HT020307840

Rogall, Thomas: Gesunde Füße Schritt für Schritt
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 610DNB 610DNB
⇒ DDC (Dewey Decimal Classification):
  - 61023sdbn 61023sdbn
⇒ Ausführliche Angaben: HT020312175

Rogoveanu, Ion / Vere, Cristin Constantin / Streba, Costin Teodor: Hepatocellular Carcinoma - Advances in Diagnosis and Treatment
English. Inhaltliche Zusammenfassung: Hepatocellular carcinoma (HCC) currently ranks as
the third most common cause of death. As the primary malignancy of the liver is directly related to an underlying liver condition, its incidence and profile are expected to change soon. While effective prevention programs and antiviral therapies for hepatitis B and C will lower the incidence of HCC, emerging socioeconomic issues will deliver new at-risk populations. Moreover, diagnostic techniques and protocols have undergone significant advancements. Reliance on contrast enhanced ultrasound has been re-evaluated, imaging methods being considered as sufficient diagnostic tools. Molecular characterization remains desirable, since chemotherapeutic agents still have limited applicability. In light of recent diagnostic advancements and novel therapeutic solutions, it is our belief that a comprehensive update on recent paradigm shifts and interesting developments is highly needed.

⇒ Ausführliche Angaben: HT020309125

Róka, Rastislav: Advanced Path Planning for Mobile Entities
English. Inhaltliche Zusammenfassung: The book Advanced Path Planning for Mobile Entities provides a platform for practicing researchers, academics, PhD students, and other scientists to design, analyze, evaluate, process, and implement diversiform issues of path planning, including algorithms for multipath and mobile planning and path planning for mobile robots. The nine chapters of the book demonstrate capabilities of advanced path planning for mobile entities to solve scientific and engineering problems with varied degree of complexity.

⇒ Ausführliche Angaben: HT020309008

Róka, Rastislav: Advances in Human and Machine Navigation Systems
English. Inhaltliche Zusammenfassung: Advances in Human and Machine Navigation Systems provides a platform for practicing researchers, academics, PhD students, and other scientists to design, analyze, evaluate, process, and implement diversiform issues of navigation systems, including life-improving advances in human navigation systems and advances improving machine navigation systems. The five chapters of the book demonstrate the capabilities of navigation systems to solve scientific and engineering problems with varying degrees of complexity.

⇒ Ausführliche Angaben: HT020309395

Roka, Rastislav: Optical Fiber and Wireless Communications
English. Inhaltliche Zusammenfassung: The book Optical Fiber and Wireless Communications provides a platform for practicing researchers, academics, PhD students, and other scientists to review, plan, design, analyze, evaluate, intend, process, and implement diversiform issues of optical fiber and wireless systems and networks, optical technology components, optical signal processing, and security. The 17 chapters of the book demonstrate capabilities and potentialities of optical communication to solve scientific and engineering problems with varied degrees of complexity.

⇒ Ausführliche Angaben: HT020308304

Romano, Gabriella: The Pathologisation of Homosexuality in Fascist Italy
English. Inhaltliche Zusammenfassung: This open access book investigates the pathologisation of homosexuality during the fascist regime in Italy through an analysis of the case of G., a man with homosexual tendencies interned in the Collegno mental health hospital in 1928. No systematic study exists on the possibility that Fascism used internment in an asylum as a tool of repression for LGBT people, as an alternative to confinement on an island, prison or home arrests. This research offers evidence that in some cases it did. The book highlights how the dictatorship operated in a low-key, shadowy and undetectable manner, bending pre-existing legislation. Its brutality was - and still is - difficult to prove. It also emphasises the ways in which existing stereotypes on homosexuality were reinforced by the regime propaganda in support of its so-called moralising campaign and how families, the police and the medical professionals joined forces in implementing this form of repression.
Romero-Zeron, Laura: Chemical Enhanced Oil Recovery (cEOR) - a Practical Overview
English. Inhaltsliche Zusammenfassung: Commercial application of chemical enhanced oil recovery (cEOR) processes is expected to grow significantly over the next decade. Thus, Chemical Enhanced Oil Recovery (cEOR): A Practical Overview offers key knowledge and understanding of cEOR processes using an evidence-based approach intended for a broad audience ranging from field operators, researchers, to reservoir engineers dealing with the development and planning of cEOR field applications. This book is structured into three sections: the first section surveys overall EOR processes. The second section focuses on cEOR processes, while the final section describes the electrorheology technology. These sections are presented using a practical and realistic approach tailored for readers looking to improve their knowledge and understanding of cEOR processes in a nutshell.
⇒ Ausführliche Angaben: HT020308058

Ron, Osvaldo (Coord.) / Fridman, Jorge L. (Coord.): La educación física en la escuela y su enseñanza: Homogeneidades, diversidades y particularidades
spa. Inhaltsliche Zusammenfassung: Este libro es uno de los productos del proyecto de investigación “Educación Física y escuela: ¿qué enseña la educación física cuando enseña?” (11 H/697, 2014-2015) radicado en el Área de Estudios e Investigaciones en Educación Física del Instituto de Investigaciones en Humanidades y Ciencias Sociales (UNLP-CONICET). Su título refleja los puntos de arribo de dos años de intensas y provechosas actividades y estrategias relativas a la búsqueda, selección, análisis e interpretación de normativas, documentos, diseños curriculares de la provincia de Buenos Aires, cuadernos de campo de profesores, planificaciones, entrevistas, grupos de discusión, espacios de dibujo, desde los cuales se desarrolló el estudio. La estructura del libro y la singularidad de reflejar homogeneidades, diversidades y particularidades evidencian la multiplicidad de miradas de los integrantes del equipo en torno a objetos principales de la investigación. A la vez, este producto da cuenta de las distancias y los procesos de debate y análisis del propio equipo. Por ello, con seguridad la lectura permitirá descubrir otras singularidades y entrecruzamientos posibles de variadas y diversas matrices teóricas y de enseñanza subyacentes.
⇒ Ausführliche Angaben: HT020307348

Ronald, Richard / Hirayama, Yosuke: Housing and Social Transition in Japan
English. Inhaltsliche Zusammenfassung: Bringing together a number of perspectives on the Japanese housing system, Housing and Social Transition in Japan provides a comprehensive, challenging and theoretically developed account of the dynamic role of the housing system during a period of unprecedented social and economic change in one of the most enigmatic social, political, and economic systems of the modern world. While Japan demonstrates many of the characteristics of some western housing and social systems, including mass homeownership and consumption-based lifestyles, extensive economic growth and rapid urban modernization has been achieved in balance with traditional social values and the maintenance of the family system. Helpfully divided into three sections, Housing and Social Transition in Japan: explores the dynamics of the development of the housing system in post-war Japan deals with social issues related to housing in terms of social aging, family relations, gender and inequality addresses the Japanese housing system and social change in relation to comparative and theoretical frameworks. As well as providing challenges and insights for the academic community at large, this book also provides a good introduction to the study of Japan and its housing, economic, social and welfare system generally.
Rosa, Joao Luis G.: Artificial Neural Networks - Models and Applications
English. Inhaltliche Zusammenfassung: The idea of simulating the brain was the goal of many pioneering works in Artificial Intelligence. The brain has been seen as a neural network, or a set of nodes, or neurons, connected by communication lines. Currently, there has been increasing interest in the use of neural network models. This book contains chapters on basic concepts of artificial neural networks, recent connectionist architectures and several successful applications in various fields of knowledge, from assisted speech therapy to remote sensing of hydrological parameters, from fabric defect classification to application in civil engineering. This is a current book on Artificial Neural Networks and Applications, bringing recent advances in the area to the reader interested in this always-evolving machine learning technique.

Rosales, Raymond L. / Dressler, Dirk: Botulinum Toxin Therapy Manual for Dystonia and Spasticity
English. Inhaltliche Zusammenfassung: Taking exception from previous publications and reviews, this handbook boldly knits botulinum toxin therapy indications in both dystonia and spasticity. Botulinum toxin therapy has indeed withstood the test of time in terms of its efficacy and safety, as applied in hyperfunctional states of the muscle and exocrine glands. Topics were chosen spanning from the basic science to the clinical applications and to instrument-guidance injections. The format was envisioned to be timely as one (either a novice or an experienced clinician) applies practical approaches with botulinum toxin therapy ranging from straightforward to challenging clinical scenarios. As well, clinicians and students alike will find the book useful in content and relevance to contemporary times. Please read with no fear and don't doubt because indeed you eventually become the winner as you finish the book.

Rosen, Joseph: Holography, Research and Technologies
English. Inhaltliche Zusammenfassung: Holography has recently become a field of much interest because of the many new applications implemented by various holographic techniques. This book is a collection of 22 excellent chapters written by various experts, and it covers various aspects of holography. The chapters of the book are organized in six sections, starting with theory, continuing with materials, techniques, applications as well as digital algorithms, and finally ending with non-optical holograms. The book contains recent outputs from researches belonging to different research groups worldwide, providing a rich diversity of approaches to the topic of holography.

Rosenberg, Nahum: Hip Surgeries
English. Inhaltliche Zusammenfassung: Hip surgery became a benchmark for large joint surgery development. Surgical techniques for the treatment of degenerative, developmental, and traumatic hip pathologies became a challenge, aiming to restore the patients ambulation in otherwise disabling pathological conditions of the hip joint. In this book the authors present an overview of the pathological basis of the diseased hip and the currently available surgical solutions that provide long-term relief using a reconstructing surgical approach. The book aims to expose young orthopedic surgeons to exciting and continuously developing information on hip surgery, and experienced colleagues will benefit from concise information that might be beneficial in routine surgical activity.
Rosenbrock, Rolf / Gerlinger, Thomas: Gesundheitspolitik
⇒ Ein Medium
  - Freihand:
    ⇒ DDC (Dewey Decimal Classification):
      - 370DNB 370DNB
    ⇒ DDC (Dewey Decimal Classification):
      - 37023sdnb 37023sdnb
⇒ Ausführliche Angaben: HT020301612

Rosenkranz, Francisca / Chamy, Rolando: Biodegradation - Engineering and Technology
English. Inhaltliche Zusammenfassung: This book contains a collection of different research activities where several technologies have been applied to the optimization of biodegradation processes. The book has three main sections: A) Hydrocarbons biodegradation, B) Biodegradation and anaerobic digestion, and C) Biodegradation and sustainability.
⇒ Ausführliche Angaben: HT020307961

Rosenkranz, Francisca / Chamy, Rolando: Biodegradation - Life of Science
English. Inhaltliche Zusammenfassung: This book contains a collection of different biodegradation research activities where biological processes take place. The book has two main sections: A) Polymers and Surfactants Biodegradation and B) Biodegradation: Microbial Behaviour.
⇒ Ausführliche Angaben: HT020309597

Rosenmeyer, Patricia A.: Ancient Greek Literary Letters
English. Inhaltliche Zusammenfassung: The first reference to letter writing occurs in the first text of western literature, Homer's Iliad. From the very beginning, Greeks were enthusiastic letter writers, and letter writing became a distinct literary genre. Letters were included in the works of historians but they also formed the basis of works of fiction, and the formal substructure for many kinds of poem. Patricia Rosenmeyer, an authority on the history of the Greek letter, assembles in this book a representative selection of such literary letters, from Aelian and Alciphron to Philostratus and the supposed letters of Themistocles. The book will be valuable for all students of Greek literature especially those studying Greek (and Latin) letter.
⇒ Ausführliche Angaben: HT020310312

Rosier-Catach, Irène / Aubert, Eduardo H. / Bonne, Jean-Claude: La performance des images
French. Inhaltliche Zusammenfassung: The image, before representing, to signify, acts and makes act. The performance of images, which this book undertakes exploration, is to be understood first of all as the evaluation of their effectiveness: what are the effects of images? It is then their agency: in what way are images living beings? It is also their performativity: as there are acts of speech, there are acts of image whose modalities can be detailed. Finally, it is their power: what can an image, including a text, for example, be incapable? br br Christian image holds a special place here because, far from being a simple Bible of illiterate subject to the reign of the text, it permeates all aspects of the life and thought of Christian societies, from their theological and anthropological foundations - God created man in his image: the Son is the image of the Father - up to the most diverse uses of visual objects. But in the West
it is not only in the Middle Ages that the images are active: this book is also devoted to the new forms of visual performances that appeared with the Renaissance or the mass-media society.

⇒ Ausführliche Angaben: HT020309872

**Ross, George / Costa, Olivier / Magnette, Paul: Une Europe des élites**
French. Inhaltliche Zusammenfassung: Il plane sur le projet européen, depuis les origines, un lourd soupçon: présenté comme l’expression de l’intérêt général européen, il ne serait, dans le fond, qu’un complot des élites, destiné à servir leurs intérêts propres et à promouvoir leur vision du monde, au mépris et aux dépens des aspirations populaires. De prime abord, ce phénomène a pu paraître normal: toute communauté politique n’est-elle pas, dans sa phase fondatrice, soutenue par une élite agissante ? Toutefois, dans le cas de l’Union européenne, la fracture européenne s’est stabilisée, voire durcie. On en veut pour preuve les critiques très virulentes dont le traité constitutionnel - rêvé comme un moment de socialisation politique favorable au projet européen - a fait l’objet lors de sa ratification. Les peurs d’une Europe perçue comme un mécanisme de modernisation politique et économique insensible aux intérêts des secteurs les plus exposés, aux traditions et aux valeurs dont les territoires et les communautés morales sont porteuses, n’ont jamais été plus fortes qu’aujourd’hui. Confrontés à ce rejet, et après avoir invoqué sans succès les registres de légitimation les plus divers, les dirigeants européens avouent leur perplexité. Cet ouvrage n’a pas pour ambition de leur indiquer la voie d’une réduction de la fracture européenne, mais de mieux poser les questions. Il réunit pour cela des contributions de quelques-uns des meilleurs spécialistes francophones des études européennes. Partant chacun de leur objet d’étude particulier, ils apportent des réponses aux mêmes questions: le procès en élitisme fait à la construction européenne relève-t-il du préjugé, ou est-il fondé ? Si elle est avérée, quelle est la mesure de cette fracture, et comment s’explique-t-elle ?.

⇒ Ausführliche Angaben: HT020309776

**Rossa, Henning / Wilden, Eva: Fremdsprachenforschung als interdisziplinäres Projekt**

⇒ Ausführliche Angaben: HT020307565

**Rossi, Paola M. / Pieruccini, Cinzia / Policardi, Chiara: Anantaratanaprabhava**
Italian. Inhaltliche Zusammenfassung: Anantaratanaprabhava, ‘fonte di infinite gemme’, è l’attributo che il sommo poeta Kālidāsa conferisce al sovrano dei monti, Himalaya, nell’esordio del Kumarasambhava, capolavoro della poesia classica indiana. L’epiteto scelto per titolo di questi due volumi dedicati a Giuliano Boccali allude non solo ai suoi interessi letterari più cari, ma anche, e soprattutto, alla sua vita di studioso. Con questa raccolta di saggi, colloqui, allievi e amici italiani hanno voluto onorare con gratitudine, stima profonda e affetto la sua lunga e prestigiosa carriera di infaticabile docente e di elegantissimo esegeta. Dal Veda alla letteratura dell’India meridionale, dalle filosofie indiane classiche alle problematiche più contemporanee, dalle culture iraniche al Tibet, i due volumi sono anche una rassegna del vivacissimo mondo italiano degli studi in questi ambiti, che si è qui raccolto intorno alla figura di un grande maestro.
Rosso, Veridiana Vera De / Jacob-Lopes, Eduardo / Zepka, Leila Queiroz: Progress in Carotenoid Research
English. Inhaltliche Zusammenfassung: The book Progress in Carotenoid Research presents
an authoritative and comprehensive overview of the biology, biochemistry, and chemistry of
carotenoids. Divided into 14 discrete parts, this book covers topics on basic science and
applied technology of carotenoid molecules. This book provides an insight into future deve-
lopments in each field and has an extensive bibliography. It will be an essential resource for
researchers and academic and industry professionals in the natural pigment field.

Rottermann, Benno: Sozialisation von Jugendlichen in geschlechtsuntypischen Berufslehren
German. Inhaltliche Zusammenfassung: Lernende in geschlechtsuntypischen Berufsausbil-
dungen werden häufig mit diskriminierenden Reaktionen konfrontiert. Der Autor arbeitet
heraus, dass die Bewältigung dieser Erfahrungen entscheidend für den erfolgreichen Ab-
schluss der Ausbildung ist. Er zeigt auf, dass starkes Interesse an der beruflichen Tätigkeit,
hohe Selbstkompetenzen und unterstützende Personen für Lernende in Minderheitenpositio-
nen wichtig für den Aufbau eines beruflichen Habitus sind.

Rouhanif, Lilinaz / Beswicke, Emily / Tobinc, Richard: Chapter 4 The social value of anonymity on campus
English. Inhaltliche Zusammenfassung: This paper considers the social value of anonymity in
online university student communities, through the presentation of research which tracked
the final year of life of the social media application Yik Yak. Yik Yak was an anonymous, geo-
social mobile application launched in 2013 which, at its peak in 2014, was used by around
two million students in the US and UK. The research we report here is significant as a mi-
xed method study tracing the final year of the life of this app in a large UK university between
2016 and 2017. The paper uses computational and ethnographic methods to understand what
might be at stake in the loss of anonymity within university student communities in a datafied
society. Countering the most common argument made against online anonymity - its asso-
ciation with hate speech and victimisation - the paper draws on recent conceptual work on
the social value of anonymity to argue that anonymity online in this context had significant
value for the communities that use it. This study of a now-lost social network constitutes a
valuable portrait by which we might better understand our current predicament in relation to
anonymity, its perceived value and its growing impossibility.

Round, Jeffery I / Bussolo, Maurizio: Globalisation and Poverty
English. Inhaltliche Zusammenfassung: The consequences of globalization for the worlds poor
are uncertain and fierce rhetoric is dividing its supporters and detractors. The channels of ef-
effect of essentially macroeconomic shocks on the microeconomic position of individuals and
households in poor countries are many and various. This book addresses three core issues: 1) what
are the main channels of effect? 2) what are the lessons to be learned from policy measu-
res to alleviate negative poverty consequences? and 3) do the proposed analytical approaches
assist in providing a monitoring capability? This volume assesses the more easily quantifiable
effects resulting from price and quantity responses in the goods and labour markets. It in-
cludes studies of Colombia, Ghana, India, Nepal, Bangladesh and Vietnam. It uses key analytical
approaches, most of which are based on numerical simulation methods employing models
with different levels of complexity. These models capture the features of an economy, how
it functions, and how it might respond to globalization shocks. The most important collective contribution of the authors is their establishment of directions and magnitudes of effect, based on empirical evidence.

⇒ Ausführliche Angaben: HT020310243

Roventa, Peter / Kirsch, Werner: Bausteine eines Strategischen Managements. Dialoge zwischen Wissenschaft und Praxis
German.
⇒ Ausführliche Angaben: HT020309986

Rowland, Jon / Moor, Malcolm: Urban Design Futures
English. Inhaltliche Zusammenfassung: The last decade has seen the rise of urban design which has taken a central position in the new agendas for urban regeneration and renaissance. Urban design has moved from marginality to mainstream. The principles espoused by urban designers over the past thirty years are now accepted as key to a better urban environment and as we move towards greater sustainability, different ideas are emerging that are challenging some of the accepted urban design norms; urban design is at a watershed. Urban Design Futures presents essays from an international cast of authors to review progress and explore emerging ideas: should urban design reflect the future rather than recreate the past? What are the new driving forces that will shape urban living and hence urban design in the future? This book explores new concepts and points the way towards a series of urban design paradigms for the twenty-first century.
⇒ Ausführliche Angaben: HT020310065

Roy, Shovonlal / Blanco, Juan A. / Lo, Yueh-Hsin: Biodiversity in Ecosystems - Linking Structure and Function
English. Inhaltliche Zusammenfassung: The term biodiversity has become a mainstream concept that can be found in any newspaper at any given time. Concerns on biodiversity protection are usually linked to species protection and extinction risks for iconic species, such as whales, pandas and so on. However, conserving biodiversity has much deeper implications than preserving a few (although important) species. Biodiversity in ecosystems is tightly linked to ecosystem functions such as biomass production, organic matter decomposition, ecosystem resilience, and others. Many of these ecological processes are also directly implied in services that the humankind obtains from ecosystems. The first part of this book will introduce different concepts and theories important to understand the links between ecosystem function and ecosystem biodiversity. The second part of the book provides a wide range of different studies showcasing the evidence and practical implications of such relationships.
⇒ Ausführliche Angaben: HT020307984

Royet, Paul / Mériaux, Patrice: Surveillance, maintenance and diagnosis of flood protection dikes
French. Inhaltliche Zusammenfassung: This technical handbook is intended for the personnel of companies or organisations involved in the management of dikes designed to provide protection against flooding caused by a rise in river levels. Written for engineers and technicians, its aim is to increase understanding of: "How dike systems work. " The risks faced. " Surveillance and maintenance operations. It also aims to explain the reasons for and describe the work to be done to ensure the long-term future and safety of such structures, given water resource legislation in France. Produced upon the initiative of the French Ministry of the Environment (water resources department), this book was written by Cemagref, under the guidance of, and with contributions from, a working party.
⇒ Ausführliche Angaben: HT020310383
Rubinstein, Lene / Kremmydas, Christos / Powell, Jonathan: Profession and Performance: Aspects of oratory in the Greco-Roman world
Eng. Inhaltliche Zusammenfassung: This volume brings together six papers relating to oratory and orators in public fora of Classical Greece and Rome. Edwards and Bers explore aspects of oratorical delivery in the Athenian courts and Assembly, including the demands placed on orators by the physical settings. Tempest examines the conceptions of oratorical competence and incompetence, particularly in respect of performance, as they are implied in Cicero.
⇒ Ausführliche Angaben: HT020309734

Rudawska, Anna: Abrasive Technology - Characteristics and Applications
English. Inhaltliche Zusammenfassung: The subject matter of this book is the information on the abrasive technology methods, the characteristics of the methods (for example, the technological parameters, tools, and machines), innovative methods, characteristics of surface structure and surface properties after this type of mechanical process, and application in various industrial branches and other technical and technological domains. Abrasive technology is very important, for example, in precision component manufacturing and nano-technology devices. The aim of this book is to present information on the characteristics and applications of abrasive technology, abrasive tools, tests, and also the innovative methods of this technology. This information enables scientists, engineers, and designers to ensure the soundness and integrity of the fabricated components and to develop new techniques effectively.
⇒ Ausführliche Angaben: HT020309060

Rudawska, Anna: Adhesives - Applications and Properties
English. Inhaltliche Zusammenfassung: This book presents some information regarding adhesives which have applications in industry, medicine and dentistry. The book is divided into two parts: Adhesives Applications in Medicine and Dentistry and Properties of Adhesive. The aim of such a presentation is to present the usage in very different aspects of application of the adhesives and present specific properties of adhesives. Adhesives advantageous properties and relatively uncomplicated processing methods contribute to their increasing application and their growing popularity in the industry, medicine and other branches. Some adhesives represent properties superior to those of most adhesive materials, due to their excellent adhesion and chemical resistance. A wide variety of adhesives considerable flexibility in modification of properties of adhesives allows adjusting the composition to particular applications.
⇒ Ausführliche Angaben: HT020308088

Rückert, Joachim: Frei und sozial als Rechtsprinzip
Rugescu, Radu D: Solar Energy
English. Inhaltliche Zusammenfassung: The present "Solar Energy" science book hopefully opens a series of other first-hand texts in new technologies with practical impact and subsequent interest. They might include the ecological combustion of fossil fuels, space technology in the benefit of local and remote communities, new trends in the development of secure Internet Communications on an interplanetary scale, new breakthroughs in the propulsion technology and others. The editors will be pleased to see that the present book is open to debate and they will wait for the readers' reaction with great interest. Critics and proposals will be equally welcomed.

Ruiz-Capillas, Claudia / Herranz, Ana Herrero: Biogenic Amines on Food Safety
Eng. Inhaltliche Zusammenfassung: Biogenic amines have been known for some time. These compounds are found in varying concentrations in a wide range of foods (fish, cheese, meat, wine, beer, vegetables, et cetera) and their formations are influenced by different factors associated to those foods (composition, additives, ingredients, storage, microorganism, packaging, handling, conservation, et cetera). The intake of foods containing high concentrations of biogenic amines can present a health hazard. Additionally, they have been used to establish indexes in various foods in order to signal the degree of freshness and/or deterioration of food. Nowadays, there has been an increase in the number of food poisoning episodes in consumers associated with the presence of these biogenic amines, mainly associated with histamines. Food safety is one of the main concerns of the consumer and safety agencies of different countries (EFSA, FDA, FSCJ, et cetera), which have, as one of their main objectives, to control these biogenic amines, principally histamine, to assure a high level of food safety. Therefore, it is necessary to deepen our understanding of the formation, monitoring and reduction of biogenic amines during the development, processing and storage of food, even the effect of biogenic amines in consumers after digestion of foods with different levels of these compounds. With this aim, we are preparing a Special Issue on the topic of Biogenic Amines in Food Safety, and we invite researchers to contribute original and unpublished research articles and reviews articles that involve studies of biogenic amines in food, which can provide an update to our knowledge of these compounds and their impacts on food quality and food safety.

Rumelt, Shimon: Advances in Common Eye Infections
English. Inhaltliche Zusammenfassung: This book is a new addition for a broad-spectrum library in ophthalmology and other specialties in medicine of InTech. It addresses ocular infections. These infections may result in blindness if not correctly diagnosed and promptly treated. Therefore, it is essential to be fully aware and knowledgeable about the manifestations of these diseases, and this book covers some of the different aspects of them. The chapters were written by experts from around the globe and these reflect the importance of the subject. The book is aimed for ophthalmologists, residents in ophthalmology and infectious diseases, general practitioners, and researchers in hope to advance the knowledge for the benefit of the world habitants wherever they are.

Rumelt, Shimon: Causes and Coping with Visual Impairment and Blindness
English. Inhaltliche Zusammenfassung: About 4% of the world population has visual impairment or blindness. This book is aimed at addressing different causes of visual impairment and blindness, their epidemiology, manifestations, risk factors, prevention of progression, and treatment. It is aimed at encouraging physicians and researchers to increase efforts to prevent irreversible and treat reversible blindness for the betterment of the world. Therefore, it is essential to be fully aware and knowledgeable of the manifestations of the diseases causing blindness, and this book covers some of their different aspects. Each chapter was written by experts from around the globe. Thus, it reflects the importance of the subject.

⇒ Ausführliche Angaben: HT020309001

Rundfeldt, Chris: Drug Development - A Case Study Based Insight into Modern Strategies

English. Inhaltliche Zusammenfassung: This book represents a case study based overview of many different aspects of drug development, ranging from target identification and characterization to chemical optimization for efficacy and safety, as well as bioproduction of natural products utilizing for example lichen. In the last section, special aspects of the formal drug development process are discussed. Since drug development is a highly complex multidisciplinary process, case studies are an excellent tool to obtain insight in this field. While each chapter gives specific insight and may be read as an independent source of information, the whole book represents a unique collection of different facets giving insight in the complexity of drug development.

⇒ Ausführliche Angaben: HT020307812

Ruppert, Evelyn / Isin, Engin / Bigo, Didier: Data Politics

English. Inhaltliche Zusammenfassung: Data has become a social and political issue because of its capacity to reconfigure relationships between states, subjects, and citizens. This book explores how data has acquired such an important capacity and examines how critical interventions in its uses in both theory and practice are possible. Data and politics are now inseparable: data is not only shaping our social relations, preferences and life chances but our very democracies. Expert international contributors consider political questions about data and the ways it provokes subjects to govern themselves by making rights claims. Concerned with the things (infrastructures of servers, devices, and cables) and language (code, programming, and algorithms) that make up cyberspace, this book demonstrates that without understanding these conditions of possibility it is impossible to intervene in or to shape data politics. Aimed at academics and postgraduate students interested in political aspects of data, this volume will also be of interest to experts in the fields of internet studies, international studies, Big Data, digital social sciences and humanities.

⇒ Ausführliche Angaben: HT020307555

Rustamov, Rustam B. / Hashimov, Arif M.: Multifunctional Operation and Application of GPS

English. Inhaltliche Zusammenfassung: Today, Global Positioning System (GPS) has taken a significant place in human life with wide-scale applications. It is a multi-use, space-based radio-navigation system, embracing defense and security, civil, commercial, and scientific research needs. Taking into account the importance of the system, it has been suggested to present current advances of GPS with attention focused on vital aspects of technology. This book provides a general description of GPS, GNSS, and GLONASS with reference to the improvement of characteristics of the segments, including software applications and the equipment itself containing GPS. The book also provides information on application areas. Equally, a number of common shortcomings and errors are described, and elimination and minimization of such consequences are demonstrated.

⇒ Ausführliche Angaben: HT020308741
Rustamov, Rustam B.: Satellite Information Classification and Interpretation
English. Inhaltliche Zusammenfassung: Without a doubt, understanding what we must do to save our home, our planet, and how we are to do it is of the gravest importance for the present generation and the next. Clearly, advances won through space technology and applications of the same to the study of Earth play an excellent and vital role in classification and interpretation of the processes taking place on the Earth and in space. Today, space technology helps us understand Earth and how we can support and manage its state, to keep it in working condition under the current circumstances. How can we do this? Obviously, we must use appropriate methods and instruments to collect the information we need. In the meantime, it is necessary to develop systems to analyze and process the data collected.
⇒ Ausführliche Angaben: HT020309397

Rutledge, Bethany: Traum-Triathlon
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 796DNB 796DNB
⇒ DDC (Dewey Decimal Classification):
  - 79623sdnb 79623sdnb
⇒ Ausführliche Angaben: HT020312495

Ryan, Carolyn S. / Hou, Huei-Tse: Behavior Analysis
English. Inhaltliche Zusammenfassung: Many research fields are heading toward more precise process analyses in the era of big data and artificial intelligence. In particular, using innovative methods to analyze different human behaviors as well as understand specific behavioral patterns helps explore the structures and contexts in all kinds of human behaviors, which can serve as theoretical innovation and strategies to solve human problems. This book collects the latest behavior analysis research in different disciplines, including some methods or analysis examples.
⇒ Ausführliche Angaben: HT020308794

Ryan, Carolyn S.: Learning Disabilities - An International Perspective
English. Inhaltliche Zusammenfassung: Learning disabilities are conditions that are associated with difficulties in knowledge and skill acquisition to the level expected of same-age peers. The current book is an international examination of assessment methods, preventative measures, intervention, and research with those individuals with learning disabilities obtained from authors in the United States of America, Europe, Asia, and Africa.
⇒ Ausführliche Angaben: HT020308497

Rye Olsen, Gorm / Engel, Ulf: Africa and the North
English. Inhaltliche Zusammenfassung: An important new discussion of Africas place in the international system. This volume discusses Africas place in the international system, examining the way in which the Westphalian system, in light of the impact of globalization and transnational networks, continues to play a major role in the structuring of Africas international relations. The book provides a solid empirical analysis of key global players in Africa - France, the UK, the US, Japan, Germany, the EU and the UN - and of their policies towards
the region. In the context of the war against terrorism, African political stability becomes a consideration of increasing importance. By analyzing the relevance of the states in the North, this book challenges conventional wisdom in recent international relations thinking. It applies the concept of an international policy community to bridge the gap between the domestic and the international, explaining why Africa retains a role in global politics out of any proportion to its economic weight.

⇒ Ausführliche Angaben: HT020310315

**Ryoo, Cheon Seoung: Polynomials - Theory and Application**
English. Inhaltliche Zusammenfassung: Polynomials are well known for their ability to improve their properties and for their applicability in the interdisciplinary fields of engineering and science. Many problems arising in engineering and physics are mathematically constructed by differential equations. Most of these problems can only be solved using special polynomials. Special polynomials and orthonormal polynomials provide a new way to analyze solutions of various equations often encountered in engineering and physical problems. In particular, special polynomials play a fundamental and important role in mathematics and applied mathematics. Until now, research on polynomials has been done in mathematics and applied mathematics only. This book is based on recent results in all areas related to polynomials. Divided into sections on theory and application, this book provides an overview of the current research in the field of polynomials. Topics include cyclotomic and Littlewood polynomials; Descartes rule of signs; obtaining explicit formulas and identities for polynomials defined by generating functions; polynomials with symmetric zeros; numerical investigation on the structure of the zeros of the q-tangent polynomials; investigation and synthesis of robust polynomials in uncertainty on the basis of the root locus theory; pricing basket options by polynomial approximations; and orthogonal expansion in time domain method for solving Maxwell's equations using parallelizing-in-order scheme.

⇒ Ausführliche Angaben: HT020309373

**Saba, Cosetta G. / Le Maitre, Barbara / Noordegraaf, Julia: Preserving and Exhibiting Media Art**
English. Inhaltliche Zusammenfassung: This vibrantly illustrated introduction to the emerging field of the preservation and presentation of media art brings together the contributions of authors from all over Europe and the United States. This volume can serve as a textbook for students in advanced degree programs in media art and museum studies, as well as an invaluable introduction for general readers. A potent combination of incisive scholarly articles and focused case studies, Preserving and Exhibiting Media Art offers a comprehensive overview of the history, theory, and practical skills of preserving media art.

⇒ Ausführliche Angaben: HT020309826

**Sabah, Senay: Consumer Behavior - Practice Oriented Perspectives**
English. Inhaltliche Zusammenfassung: No time in the history, consumption is considered to be as important as in todays world. It defines who we are, how well/perfect we perform our multiroles within the society (buying the most expensive clothes means being the best mom for instances), what symbolic meanings we attribute to our belongings, and how rich/clever/fashion conscious or innovative we are. Due to multidisciplinary and multime-thod character of the concept of consumer behavior, it is appropriate to study it accordingly in order to understand the subject with its different aspects and holistically. Especially with the cultural, social, and technological changes within todays world, this issue becomes prominent. This book is a modest try for that end.

⇒ Ausführliche Angaben: HT020308481

**Sacerdoti, Arianna: Tremefacta quies (Ach. 1, 242): "spazi di transito" nella Tebaide di Stazio e nei Punica di Silio Italico**
Inhaltliche Zusammenfassung: [Italiano]: Nel ricco campo di studi sull’epica flavia, "Tremefacta quies. Spazi di transito in Stazio e Silio Italico" ha preso le mosse dalla vena di sensibilità postmoderna di testi che parlano pure al nostro orizzonte presente di cultori e cultrici di letteratura e psicoanalisi, testimoni di conflitti (e l’epica flavia è anche una macroscopica narrazione di conflitti). Tra i due autori la ricerca sviluppa il tema del sonno come transito e ossimoro, tra sonno e morte, insonnia, sogni e presagi. Svolgendo un percorso sistematico che mette al centro i testi, l’approccio filologico si apre ad ampi inseriti narrativi e insieme alla messa a fuoco di una poetica di sonno/insomnia. Gli spazi di transito vengono a fuoco quindi nello studio di due traduzioni siliane dell’800, translation dei Punica all’interno della cultura classicista coeva a fondo patriottico./ [English]: This research is built on three different topics, which are interwoven (spazi di transito). The first one deals with sleep, sleeplessness and dreams in Statius Thebaid; secondly, Silius Italicus treatment of the same themes are analyzed; thirdly, Onorato Occionis translation of Punica 1 in endecasillabi sciolti in XIXth Century in Italy are compared to the translation by Cesare Beligoni, with the conclusion of a certain amount of plagiarism. It is an original study, text-oriented and innovative, which gives a contribution to the rich scenario of Flavian studies worldwide.

⇒ Ausführliche Angaben: HT020310490

Sacksofsky, Ute: Das Grundrecht auf Gleichberechtigung

⇒ Ausführliche Angaben: HT020309678

Sadollah, Ali: Fuzzy Logic Based in Optimization Methods and Control Systems and Its Applications
English. Inhaltliche Zusammenfassung: Fuzzy logic models can be used to demonstrate human decision making in complex situations, and can therefore be an important tool in examining natural complexity. Moreover, fuzzy logic can be exploited to predict chaotic behaviors. But why is fuzzy logic so valuable? The idea of fuzzy logic has been around since 1965, and since its introduction thousands of applications of fuzzy logic have been implemented in industry, medicine, and even economic applications and patents. How did this invaluable theory achieve such great success? This book aims to compare well-known and well-used membership functions to demonstrate how to select the best membership functions and show when and why to utilize them. This book also demonstrates how different fields of studies utilize fuzzy logic showing its wide reach and relevance.

⇒ Ausführliche Angaben: HT020309078

Saghafinia, Ali: Recent Developments on Power Inverters
English. Inhaltliche Zusammenfassung: This book develops some methods and structures to improve the power inverters for different applications in a single-phase or three-phase output in recent years. The reduction of the switching devices and multilevel inverters as changing
structure for the power inverters and PDM and PWM methods as changing control methods for the power inverter are studied in this book. Moreover, power inverters are developed to supply open-ended loads. Furthermore, the basic and advanced aspects of the electric drives that are control based are taught for induction motor (IM) based on power inverters suitable for both undergraduate and postgraduate levels. The main objective of this book is to provide the necessary background to improve and implement the high-performance inverters. Once the material in this book has been mastered, the reader will be able to apply these improvements in the power inverters to his or her problems for high-performance power inverters.

⇒ Ausführliche Angaben: HT020308305

**Sahra: Bacterial Pathogenesis and Antibacterial Control**
English. Inhaltliche Zusammenfassung: Bacterial pathogens have been becoming the main problem in hospital and community-acquired infections. It is hard to treat the strains that are resistant to antibiotics, due to the causing recurrent and untreatable infections. In recent years, the combination treatments and the novel technologies have been preferred to overcome the emergence of antibacterial resistance of pathogens. In this book, examples of pathogenesis by clinical cases, control by antibiotics and bioactive antimicrobials, control by novel technologies with the collection of up-to-date researches and reviews are presented. This book can be useful for researchers interested in antibacterials, bioactive compounds, and novel technologies.

⇒ Ausführliche Angaben: HT020308738

**Sahraoui, Nina / Amrith, Megha: Gender, Work and Migration**
English. Inhaltliche Zusammenfassung: While the feminisation of transnational migrant labour is now a firmly ingrained feature of the contemporary global economy, the specific experiences and understandings of labour in a range of gendered sectors of global and regional labour markets still require comparative and ethnographic attention. This book adopts a particular focus on migrants employed in sectors of the economy that are typically regarded as marginal or precarious - domestic work and care work in private homes and institutional settings, cleaning work in hospitals, call centre labour, informal trade - with the goal of understanding the aspirations and mobilities of migrants and their families across generations in relation to questions of gender and labour. Bringing together rich, fieldwork-based case studies on the experiences of migrants from the Philippines, Bolivia, Ecuador, Zimbabwe, Mozambique, Mauritius, Brazil and India, among others, who live and work in countries within Europe, Asia, the Middle East and South America, Gender, Work and Migration goes beyond a unique focus on migration to explore the implications of gendered labour patterns for migrants’ empowerment and experiences of social mobility and immobility, their transnational involvement, and wider familial and social relationships.

⇒ Ausführliche Angaben: HT020307625

**Sáiz-Sapena, Nieves / Vanaclocha, Vicente: Treatment of Brachial Plexus Injuries**
English. Inhaltliche Zusammenfassung: Despite immense advancements, brachial plexus injuries continue to be an area where improvement is much needed. While some problems have been solved, there remain difficult situations where patients desperately need the neurosurgeons help. This book is an attempt to put the state of the art in some of these less known areas, to provide the reader with an insight into what is currently being done today and what might be the possible therapeutic strategies for the future. We attempt not only to provide information but also more importantly to awake the interest of as many researchers as possible to find new solutions to old problems.

⇒ Ausführliche Angaben: HT020309445

**Sajid, Muhammad / Amanullah: Citrus - Health Benefits and Production Technology**
Citrus is one of the world's major fruit crops, with global availability and popularity contributing to human diets. Citrus fruits are the highest-value fruit crop in terms of international trade. Current annual worldwide citrus production is estimated at over 70 million tons, with more than half of this being oranges. The rise in citrus production is mainly due to the increase in cultivation areas, improvements in transportation and packaging, rising incomes, and consumer preference for healthy foods. Citrus fruit growth and quality are dependent on climatic conditions, in addition to soil type, water availability, cultural practices, and nutrient supply. The book briefly explains the fruit morphology, anatomy, physiology and biochemistry, growth phases, maturity standards, grades, and physical and mechanical characteristics of citrus trees. It also provides the foundation for understanding the growth, harvest, and post-harvest aspects of citrus fruits. Insect pests and diseases, irrigation, nutrition, and rootstocks are also addressed in this book.

⇒ Ausführliche Angaben: HT020309261

Sajjadi, Baharak / Davarnejad, Reza: Alkenes
English. Inhaltliche Zusammenfassung: In organic chemistry, Alkenes, also known as olefins, are the unsaturated hydrocarbons with the general formula of CnH2n that contains one or more carbon-carbon double bonds in their chemical structures (RC=CR). The presence of this double bond allows alkenes to react in ways that alkanes cannot. Hence, alkenes find many diverse applications in industry. These compounds are widely used as initial materials in the synthesis of alcohols, plastics, lacquers, detergents, and fuels. The current book includes all knowledge and novel data according to the structure of alkenes, their novel synthesis methods, and their applications. In addition, manufacture, properties, and the use of polyalkenes are the other important topics that are covered in this book. These data are collected by the efforts and contributions of many authors and scientists from all over the globe, and all of us are ready to further improve the contents of this book as per the readers comments.

⇒ Ausführliche Angaben: HT020308564

Sakagami, Hiroshi: Biological Activities and Action Mechanisms of Licorice Ingredients
English. Inhaltliche Zusammenfassung: Licorice extracts are used as additive to many Kampo medicines to alleviate pain and inflammation. With rapid progress of analytical methodology, its action mechanism is being elucidated. This book is composed of three sections. Section 1 introduces licorice as alternative medicine, its application in the industry, and the trading/market prospects between Japan and China. Section 2 summarizes the purification/identification steps of licorice ingredients and their antioxidant, antimicrobial, PPAR-? ligand-binding, antitumor, antiviral, and in vitro fertilization activities. Section 3 proposes the possible molecular mechanism by which licorice ingredients induce anti-inflammatory, antifibrosis, antihepatitis, and antileishmanial activity. All chapters are written by experts of natural sciences and economics and will surely give new insights into alternative medicines to students, clinicians, teachers, and researchers.

⇒ Ausführliche Angaben: HT020308238

Sakellariou, Michael: Granular Materials
English. Inhaltliche Zusammenfassung: This volume presents basic notions and fundamental properties of granular materials covering a wide spectrum of granular material mechanics. The granular materials may behave as fluids or solids or both. The grain size may span from microscopic to macroscopic scale. From the wet sand effect, Reynolds inspired in 1885 the notion of granular universe introducing the term dilatancy. Bak, Tan, and Wisenfeld (1987, 1988) used the sand pile as a representative model of complex systems. In this collection of chapters, granular dynamics, granular flow from dilute to jammed states, dynamics of granular gas in microgravity, particle jetting induced by impulsive loadings, particle migration
phenomena in embankment dams, and the grading entropy-based criteria of granular materials and filters are presented.

⇒ Ausführliche Angaben: HT020308429

**Sakkas, Lazaros I.: New Developments in the Pathogenesis of Rheumatoid Arthritis**


English. Inhaltliche Zusammenfassung: The pathogenesis of rheumatoid arthritis (RA) is incompletely understood. HLA class II alleles and T cells have been implicated for many years. The discovery of anticitrullinated peptide antibodies (ACPAs), along with the effectiveness of biological treatments targeting cytokines, such as TNF-?, IL-6, and also T cells and B cells, reinforced the pathogenetic role of the respective factors. ACPAs, induced by cigarette smoking and periodontitis in individuals with HLA-DRB1 shared epitope, appear to be autoantigens that initiate the inflammatory immune response in RA. MicroRNAs, part of epigenetic mechanisms, which also include DNA methylation, and histone modification, as well as microbiota, the composition of microbes in body cavities, also appear to influence arthritis and are discussed in this book.

⇒ Ausführliche Angaben: HT020308160

**Sakuma, Kunihiro: Muscle Cell and Tissue**


English. Inhaltliche Zusammenfassung: In order to complete tissue regeneration, various cells such as neuronal, skeletal, smooth, endothelial, and immune (e.g., macrophage) interact smoothly with each other. This book, Muscle Cells and Tissues, offers a wide range of topics such as stem cells, cell culture, biomaterials, epigenetics, therapeutics, and the creation of tissues and organs. Novel applications for cell and tissue engineering including cell therapy, tissue models, and disease pathology modeling are discussed. The book also deals with the functional role of autophagy in modulating muscle homeostasis and molecular mechanism regulating skeletal muscle mass. The chapters can be interesting for graduate students, post-docs, teachers, physicians, and for executives in biotech and pharmaceutical companies, as well as researchers in the fields of molecular biology and regenerative medicine.

⇒ Ausführliche Angaben: HT020307991

**Sakuma, Kunihiro: Muscle Cell and Tissue - Current Status of Research Field**


English. Inhaltliche Zusammenfassung: In order to complete tissue regeneration, various cells (neuronal, skeletal and smooth) interact coordinately with each other. This book, Muscle Cell and Tissue - Current Status of Research Field, deals with current progress and perspectives in a variety of topics on the skeletal and smooth muscle, stem cells, regeneration, disease or therapeutics. Novel applications for cell and tissue engineering including cell therapy, tissue models and disease pathology modeling are introduced. This book also deals with the differentiation/de-differentiation process of vascular smooth muscle cells in health and disease. Furthermore, natural products to reverse metabolic syndromes are descriptively reviewed. These chapters can be interesting for graduate students, teachers, physicians, executives and researchers in the field of molecular biology and regenerative medicine.

⇒ Ausführliche Angaben: HT020309057

**Sakuma, Kunihiro: Muscular Dystrophies**


English. Inhaltliche Zusammenfassung: Skeletal muscle is a highly plastic organ that is modulated by various pathways controlling protein turnover. Muscle loss is common in muscular dystrophy, in which marked loss of various proteins such as the dystrophin-glycoprotein complex occurs around muscle fibers. This book provides a comprehensive overview of the various muscular dystrophies, including characteristics, diagnosis, and classification. General treatment of drugs (e.g. corticosteroids) and physical therapy for muscular dystrophies
are discussed. In addition, current applications for cell and tissue engineering using muscle stem cells or gene therapy are introduced. This book also deals with the recent advances in appropriate models of drug screening using cell cultures or mammalian organs in vitro in this field.

Salameh, Tareq / Ghenai, Chaouki: Sustainable Air Conditioning Systems
English. Inhaltliche Zusammenfassung: Air conditioning system is one of the major consumers of electrical energy in many parts of the world today. It represents between 40 and 70% of the energy consumption in commercial buildings. The demand of energy for air conditioning systems is expected to increase further in the next decades due to the population growth, the new economic boom, and the urbanization development. The rapid growth of air conditioning and electricity consumption will contribute further to climate change if fossil and nonrenewable resources are used. More energy-efficient and renewable energy-based air conditioning systems to accomplish space cooling are needed. This book intends to provide the reader with a comprehensive overview of the current state of the art in sustainable air conditioning technologies and focus on the most recent research and development on green air conditioning systems including energy-efficient and renewable energy-based air conditioning systems.

Salaün, Fabien: Microencapsulation - Processes, Technologies and Industrial Applications
English. Inhaltliche Zusammenfassung: This book is intended to provide an overview and review of the latest developments in microencapsulation processes and technologies for various fields of applications. The general theme and purpose are to provide the reader with a current and general overview of the existing microencapsulation systems and to emphasize various methods of preparation, characterization, evaluation, and potential applications in various fields such as medicine, food, agricultural, and composites. The book targets readers, including researchers in materials science processing and/or formulation and microencapsulation science, engineers in the area of microcapsule development, and students in colleges and universities.

Salazar-Cruz, Beatriz Adriana / Rivera-Armenta, Jose Luis: Modified Asphalt
English. Inhaltliche Zusammenfassung: Asphalt modification is an important area in the development of new road and pavement materials. There is an urgent demand for road materials that can minimize fracture at low temperatures and increase resistance to deformation at high temperatures. The function of asphalt is to bind aggregate to protect it from water and other harmful agents. In the beginning asphalt was ideal for this purpose, but recently traffic loads have increased and environmental factors have deteriorated more rapidly than before. Asphalt is a byproduct of crude oil in the refining process, and it is considered a complex heterogeneous mixture of hydrocarbons. Asphalt modification has become an important research area, using several methods and new materials as modifiers.

Salcido, Alejandro: Cellular Automata - Simplicity Behind Complexity
English. Inhaltliche Zusammenfassung: Cellular automata make up a class of completely discrete dynamical systems, which have become a core subject in the sciences of complexity due to their conceptual simplicity, easiness of implementation for computer simulation, and their ability to exhibit a wide variety of amazingly complex behavior. The feature of simplicity behind complexity of cellular automata has attracted the researchers attention from a wide
range of divergent fields of study of science, which extend from the exact disciplines of mathematical physics up to the social ones, and beyond. Numerous complex systems containing many discrete elements with local interactions have been and are being conveniently modelled as cellular automata. In this book, the versatility of cellular automata as models for a wide diversity of complex systems is underlined through the study of a number of outstanding problems using these innovative techniques for modelling and simulation.

⇒ Ausführliche Angaben: HT020307717

Saleh, Hosam El-Din M. / Aglan, Refaat F.: Heavy Metals
English. Inhaltliche Zusammenfassung: Fundamental societal changes resulted from the necessity of people to get organized in mining, transporting, processing, and circulating the heavy metals and their follow-up products, which in consequence resulted in a differentiation of society into diversified professions and even societal strata. Heavy metals are highly demanded technological materials, which drive welfare and progress of the human society, and often play essential metabolic roles. However, their eminent toxicity challenges the field of chemistry, physics, engineering, cleaner production, electronics, metabolomics, botany, biotechnology, and microbiology in an interdisciplinary and cross-sectorial manner. Today, all these scientific disciplines are called to dedicate their efforts in a synergistic way to avoid exposure of heavy metals into the eco- and biosphere, to reliably monitor and quantify heavy metal contamination, and to foster the development of novel strategies to remediate damage caused by heavy metals.

⇒ Ausführliche Angaben: HT020308803

Saleh, Hosam El-Din M. / Koller, Martin: Characterizations of Some Composite Materials
English. Inhaltliche Zusammenfassung: Composite materials are materials made from two or more constituents with significantly different physical or chemical properties; when combined, a new material with characteristics different from the individual components is produced, while the individual components remain separate and distinct within the finished structure. The new composite material often displays many beneficial characteristics; in many cases, composites are stronger, of lower density, or less costly in comparison to established materials. Based on the classification of composites, we are already familiar with the fact that there exists a myriad of different types of these materials. It is a common saying that different types of composites differ in their performance. Yet, composites also have some characteristics in common. The proper material choice for an envisaged application is of outstanding importance and key in the development of a new product. Selecting the most suitable material determines the performance and characterization of the final product whether it will meet the designated function and performance requirements. The present book Characterizations of some composite materials contains eight selected chapters, starting with a general introductory chapter on composite materials, and covers different aspects in characterizing some composite materials. In this context, the present book is considered an appropriate way to communicate the advances in characterization of some composite materials to the scientific community. Chemists, scientists, and researchers from related areas, and undergraduates involved in materials issues and interested in approaches to improve the quality of life, as well as people from industry could find this book to be an inspiring and effective guide.

⇒ Ausführliche Angaben: HT020309187

English. Inhaltliche Zusammenfassung: Nuclear engineering could be viewed as the engineering field that ensures optimum and sustainable technological applications of natural and induced radioactive materials in different industrial sectors. This book presents some advanced applications in radiation effects, thermal hydraulics, and radionuclide migration in the
environment. These scientific contributions from esteemed experts introduce some nuclear safety principals, current knowledge about radiation types, sources and applications, thermal properties of heat transfer media, and the role of sorption in retarding radionuclide migration in the environment. This book also covers the advances in identifying radiation effects in dense gas-metal systems, application of dense granular materials as high power targets in accelerator driven systems and irradiation facilities, evaluation of boiling heat transfer in narrow channels, and application of fluorescence quenching techniques to monitor uranium migration.

⇒ Ausführliche Angaben: HT020308965

Saleh, Hosam El-Din Mostafa: Municipal Solid Waste Management
English. Inhaltliche Zusammenfassung: Rapid population growth, high standards of living, and technological development are constantly increasing the diversity and quantity of solid waste. The production of solid municipal waste associated with the high proportion of organic waste and its improper disposal lead to considerable environmental pollution due to the emission of greenhouse gases such as methane, carbon dioxide, et cetera. In such a challenging environment, municipal authorities need to develop more effective solutions to manage the growing urban solid waste. Most of the municipal solid waste mainly constitutes degradable materials, which represent a significant role in greenhouse gas emissions in urban localities. Integrated solid waste management approaches must be developed and improved to manage the increasing organic fractions of municipal solid waste, which helps to reduce greenhouse emissions with potential economic benefits. A sustainable management of municipal solid waste systems constitutes a promising and attractive trend to study current consumption behaviors responsible for waste generation, and to protect the global ecosystem. This book presents the management of municipal of solid waste, including recycling and landfill technologies. Moreover, composition and types of waste will be investigated. As a result, the most appropriate and feasible scenarios for the management of municipal solid waste are presented to provide the respected readership with the scientific background for sustainable development in these processes, which are increasingly supported by innovative methodologies for holistic assessment of process sustainability.

⇒ Ausführliche Angaben: HT020309446

Salem, Neveen / Hamza, Amal: Cancer Management and Therapy
English. Inhaltliche Zusammenfassung: There are many different types of cancer. Some are very common; others are rare. Having some similar features, each cancer has its own characteristics and symptoms, which vary according to the type of cancer and where it is in the body. The treatment selected may be influenced by the patients age, concurrent health problems, life expectancy, characteristics of the individuals cancer, the patients goals of treatment, and the bias of the treating physician. In preparing this book, we have considered and reflected on the concept of the recent advances in cancer management and therapy as well as molecular applications in cancer therapy. The readers can find detailed information about the treatment and management of specific cancers in these book chapters.

⇒ Ausführliche Angaben: HT020308776

Salgado, Alexandro Aguiler: Essentials of Hand Surgery
English. Inhaltliche Zusammenfassung: Understanding the complexity of the hand and the specific reconstructive techniques is mandatory for every hand specialist. The objective of this book is to update hand specialists on the diagnosis and treatment of some of the most common pathologies affecting the hand and to provide new insights and recent advances in this field.

⇒ Ausführliche Angaben: HT020308876

Salih, Salih Mohammed: Fourier Transform - Materials Analysis
English. Inhaltliche Zusammenfassung: The field of material analysis has seen explosive growth during the past decades. Almost all the textbooks on materials analysis have a section devoted to the Fourier transform theory. For this reason, the book focuses on the material analysis based on Fourier transform theory. The book chapters are related to FTIR and the other methods used for analyzing different types of materials. It is hoped that this book will provide the background, reference and incentive to encourage further research and results in this area as well as provide tools for practical applications. It provides an applications-oriented approach to materials analysis written primarily for physicists, chemists, agriculturalists, electrical engineers, mechanical engineers, signal processing engineers, and the academic researchers and for the graduate students who will also find it useful as a reference for their research activities.

⇒ Ausführliche Angaben: HT020307906

Sallis, Philip: Air Quality - Measurement and Modeling

English. Inhaltliche Zusammenfassung: Addressing the matter of air quality in a collection of focused scientific topic chapters is timely as a contribution to the international discussion and challenges of global warming and climate change. This book engages with the debate by considering some of the social, public health, economic and scientific issues that relate to the contribution made by airborne pollutants to the observable trending variances in weather, climate and atmospheric conditions. From a wide range of submissions for inclusion in the book, there are seven carefully selected chapters that individually relate to air sampling and analysis: the monitoring, measurement and modelling of air quality. The authors come from a range of academic and scientific disciplines, and each is internationally credited in his/her field. This book will appeal to scholars, students and generally to those interested in the following contemporary thought in the matter of environment pollution, air quality and the issues of climate and atmosphere the world is facing today.

⇒ Ausführliche Angaben: HT020308107

Sallis, Philip John: Extreme Weather

English. Inhaltliche Zusammenfassung: The term extreme weather normally conjures up thoughts of massive storms or heat waves or overtly cold temperatures. These are all examples of what we might consider as weather events that occur out of the ordinary or what is regarded as the normal pattern of calm, heat, cold, dry, or wet conditions for one season of the year or another. The point is that if we consider an oscillation of data points in a weather pattern and plot a mean through it, extreme weather can be observed as a perturbation in a distribution of climatic events over time. These events may be short-lived, such as a wind gust occurrence, or of longer duration, such as heavy rain leading to flooding. Importantly, once initiated, a perturbation event has an associated consequence, which usually requires human intervention to rectify the event’s consequences.

⇒ Ausführliche Angaben: HT020308930

Sallis, Philip: Wireless Sensor Networks - Insights and Innovations

English. Inhaltliche Zusammenfassung: Wireless sensor networks (WSNs) have emerged as a phenomenon of the twenty-first century with numerous kinds of sensor being developed for specific applications. The origins of WSNs can, however, be traced back to the early days of connectivity between computers and their peripherals. Work with distributed sensor networks is evidenced in the literature during the latter part of the 1970s, continuing in functionality increases in the 1980s and 1990s. As a configuration of independent devices in a data communications network, WSNs are now pre-eminent as working solutions to numerous precision data collection situations where software control of instruments and routing protocols are needed. In this book, the authors have chosen a selection of specific topics relating to WSNs: their design, development, implementation and function. Some operating topics are addressed such as power management, data interchange protocols, instrument reliability and...
system security. Other topics are more application oriented, where particular hardware and software configurations are described to deliver system solutions for specific needs. All are clearly written with considerable detail relating to each of the issues addressed by the authors. Each of the chapters provides a rationale for the topic being covered and some general WSN details where appropriate. The citations used in the chapters are comprehensively referred to, which adds depth to the information being presented.

⇒ Ausführliche Angaben: HT020308456

Salman, Asma / Razzaq, Muthanna G. Abdul: Blockchain and Cryptocurrencies
English. Inhaltsübersicht: Finance is the language of business and as technological disruption accelerates, a fundamental change is under way. This presents both opportunities and challenges for current-day organizations and finance professionals alike. Money makes the world go around, they say: but digital money not only makes the world go around, it does it in a decentralized fashion. Because the currencies are decentralized, with the right mix of technology the opportunities that emerge are noteworthy and emerge as a game changer for financial institutions. This book shows many different aspects, examples, and regulations of cryptocurrencies through its underpinning technology of blockchain in the present-day digital era. The diversity of the authors who sum up this book signify the importance of implementation in the digitized economy. It is divided into four main sections, with topics on Bitcoin, blockchain and digital returns, impact of cryptocurrencies in gaming, and cryptocurrency exchanges.

⇒ Ausführliche Angaben: HT020309464

Salomon, Valerio A. P.: Multi-Criteria Methods and Techniques Applied to Supply Chain Management
English. Inhaltsübersicht: This book intends to be a complimentary reference for graduate and undergraduate courses of Business and Engineering. Readers not familiar with Multi-Criteria Decision Making (MCDM) and supply chain management (SCM) may have a first glance, reading isolate chapters. Moreover, the sequential order from Chapters 1 to 8 may be more instructive. Readers with expertise on MCDM or SCM will find interesting applications or proposals. The book also presents a systematic literature review, which confirms the leadership of analytic hierarchy process (AHP) and data envelopment analysis (DEA).

⇒ Ausführliche Angaben: HT020308795

Salvadori, Neri / Kurz, Heinz D.: Classical Economics and Modern Theory
English. Inhaltsübersicht: In this thought-provoking book, well known economists Kurz and Salvadori cover original findings and new vistas on old problems. They cover: alternative interpretations of classical economists new growth theory the relationship between Sraffian theory and Von Neumann the treatment of capital in neoclassical long-period theory. Incorporating cutting-edge research and new work, this book will be of great interest to those working in the field of the history of economic thought.

⇒ Ausführliche Angaben: HT020310290

Salvato, Nick: Television Scales
English. Inhaltsübersicht: How to reckon with the staggering volume of television materials, past and present? And how to comprehend all the potential, complex scales at which to grapple with television, from its tiniest units of audiovisual content to its most massive industrial coordinates and beyond? In Television Scales, Nick Salvato demonstrates how the problem of scale in the field of television may be turned into a resource and a method
for a television studies that would pay better attention to messy medial complexities, peripatetic critical practices, and vulgar psychogeographies. Modeling his investigative practice on the meta-critical writing of social anthropologist Marilyn Strathern in Partial Connections and elsewhere, Salvato composes surprising, partial constellations of television’s elements. In the process, his consideration ranges from classic television sitcoms like I Love Lucy to contemporary reality series such as The Biggest Loser, Iron Chef, and House Hunters International. He simultaneously pores over a number of key television phenomena, including technological mystification, performers’ charismatic displays, binge viewing, and devoted fandom. An experiment in style and form, Television Scales maps, weighs, and rules television, while also undoing these very strategies for evaluating the medium.

⇒ Ausführliche Angaben: HT020307560

**Salzenstein, Patrice: Oscillators - Recent Developments**
English. Inhaltliche Zusammenfassung: An oscillator is dedicated to the generation of signals. It is used in computers, telecoms, watchmaking, astronomy, and metrology. It can be a pendulum, an electronic oscillator based on quartz technology, an optoelectronic oscillator, or an atomic clock, depending on its application. Since water clocks of antiquity, mechanical clocks invented during the thirteenth century, and the discovery of piezoelectricity by Jacques and Pierre Curie in 1880, oscillators have made great progress. This book does not attempt to tell the story of oscillators, but rather provides an overview of particular oscillator structures through examples from mathematics to oscillators, and from the millimeter scale to the vibration of a building, focusing on recent developments, as we live in a time when technology and mathematical analysis play a vital role.

⇒ Ausführliche Angaben: HT020309431

**Samadikuchaksaraei, Ali: Polymerase Chain Reaction for Biomedical Applications**
English. Inhaltliche Zusammenfassung: Do you want to know the details that should be taken into consideration in order to have accurate conventional and real-time PCR results? If so, this book is for you. Polymerase Chain Reaction for Biomedical Applications is a collection of chapters for both novice and experienced scientists and technologists aiming to address obtaining an optimized real-time PCR result, simultaneous processing of a large number of samples and assays, performing PCR and RT–PCR on cell lysate without extraction of DNA or RNA, detecting false-positive PCR results, detecting organisms in viral and microbial diseases and hospital environment, following safety assessments of food products, and using PCR for introduction of mutations. This is a must-have book for any PCR laboratory.

⇒ Ausführliche Angaben: HT020308097

**Samanidou, Victoria: Solid Phase Extraction: State of the Art and Future Perspectives**
eng. Inhaltliche Zusammenfassung: This book is a collection of 13 innovative papers describing the state of the art and the future perspectives in solid-phase extraction covering several analytical fields prior to the use of gas or liquid chromatographic analysis. New sorptive materials are presented including carbon nanohorn suprastructures on paper support, melamine sponge functionalized with urea-formaldehyde co-oligomers, chiral metal-organic frameworks, UiO-66-based metal-organic frameworks, and fabric phase sorptive media for various applications. Solid-phase extraction can be applied in several formats aside from the conventional cartridges or mini-column approach, e.g., online solid-phase extraction, dispersive solid-phase microextraction, and in-syringe micro-solid-phase extraction can be very helpful for analyte pre-concentration and sample clean-up. Polycyclic musks in aqueous samples, 8-Nitroguanine in DNA by chemical derivatization antibacterial diterpenes from the roots of salvia prattii, perfluoroalkyl substances (PFASs) in aater samples by bamboo charcoal-based
SPE, parabens in environmental water samples, benzotriazoles as environmental pollutants, organochlorine pesticide residues in various fruit juices and water samples and synthetic peptide purification are among the applications cited in this collection. All these outstanding contributions highlight the necessity of this analytical step, present the advantages and disadvantages of each method and focus on the green analytical chemistry guidelines that have to be fulfilled in current analytical practices.

⇒ Ausführliche Angaben: HT020307382

Samardzic, Janko: GABA And Glutamate - New Developments In Neurotransmission Research
English. Inhaltliche Zusammenfassung: This book collates the contributions of a selected number of neuroscientists that are interested in the molecular, preclinical, and clinical aspects of neurotransmission research. The seven chapters in this book address the latest research/review data related to GABA/glutamate systems organization and function, the structure of receptors, subtypes and their ligands, as well as the translational approach and clinical implications. The book offers readers a rich collection of data regarding current and future applications of GABA and glutamate neurotransmission, including promising research strategies and potential clinical benefits.

⇒ Ausführliche Angaben: HT020308619

Samer, Mohamed: Pyrolysis
English. Inhaltliche Zusammenfassung: This book provides useful information about pyrolysis, which includes the pyrolysis of biomass and pyrolysis of fossil fuels and petrochemicals. Additionally, this book elucidates and illustrates further innovative pyrolysis processes such as catalytic pyrolysis, spray pyrolysis, and microwave-assisted pyrolysis. This book discusses the production of semiconductors and nanomaterials through the pyrolysis process.

⇒ Ausführliche Angaben: HT020308325

Samie, Amidou: iEscherichia coli/i - Recent Advances on Physiology, Pathogenesis and Biotechnological Applications
English. Inhaltliche Zusammenfassung: <i>Escherichia coli</i> is a versatile organism and very diverse. Members of this species vary from very pathogenic agents causing different types of diseases including meningitis, gastroenteritis, and septicemia, just to cite a few, to harmless organisms living in the intestines of both humans and animals. <i>E. coli</i> has also been used as a model organism for most bacteria except a few. For this reason, its study provides a huge advantage and can help understand the mechanisms involved in different processes such as pathogenesis, environmental disinfection, nutrient utilization, antibiotic resistance, and diagnostic/detection methods, and these are indeed the topics discussed in this book. The book has been divided into four main sections representing the different facets of <i>E. coli</i> applications, which include disease, biotechnology, environmental engineering and innovative approaches to detection, and lastly its physiology and cell biology. Such processes can be applied to the study of other organisms as well considering the development of diversity; for example, many organisms are capable of horizontal gene transfer, which is capable of increasing the fitness of the bacterial organisms involved and has a great impact on the control of such bacterial organism.

⇒ Ausführliche Angaben: HT020308339

Samsuri, Ariffin: Drilling
English. Inhaltliche Zusammenfassung: With regard to depleted oil and gas resources, increasing world energy demands and volatile economic and political world scenarios, oil and gas industry players are working very hard to find ways to cut exploration and production costs to sustain and develop the industry to provide the world with cheap energy without harming the
environment. Therefore, this book intends to provide readers with a comprehensive overview
of the current state of the art in drilling, such as advanced drilling operations and techniques
used by the industry, particularly in floating, underbalanced drilling, smart drilling fluid,
intelligent drilling, drilling optimization, and future drilling technology and development.
⇒ Ausführliche Angaben: HT020309093

Samter, Ernst: Familienfeste der Griechen und Römer
German.
⇒ Ausführliche Angaben: HT020310000

Sancarlo, Daniele / Greco, Antonio / D’Onofrio, Grazia: Gerontology
English. Inhaltliche Zusammenfassung: Aging well and actively is the real objective of human
being. This book is an up-to-date and realistic view on physiopathological mechanisms of
aging and age-related diseases. The book includes topical contributions from multiple disci-
plines to support the fundamental goals of extending active life and enhancing its quality.
⇒ Ausführliche Angaben: HT020308811

Sanchetee, Pratap: Ischemic Stroke of Brain
English. Inhaltliche Zusammenfassung: The stroke is the third leading cause of death and
disability across the globe. We have evolved from a sense of frustration and helplessness to
proactive and effective management in the hyperacute and acute phase of a stroke. The aim
is to salvage the ischemic brain and turn it again into a viable and functional one. Advances
in imaging and newer therapeutic strategies of this devastating illness have changed our
outlook. The modern management of an ischemic stroke involves intravenous thrombolysis
within a window period of four and half hours. Endovascular management with newer stent
retrievers has a higher rate of recanalization with an extended therapeutic window. A new era
has emerged in the management of ischemic stroke treatment. This book, written by experts,
aims to improve the understanding of stroke medicine for postgraduate medical students in
medicine and neurology who have an interest in stroke care.
⇒ Ausführliche Angaben: HT020309050

Sánchez, Ricardo Albarracín: Simulation and Modelling of Electrical In-
sulation Weaknesses in Electrical Equipment
English. Inhaltliche Zusammenfassung: Around 80% of electrical consumption in an indu-
strialised society is used by machinery and electrical drives. Therefore, it is key to have re-
liable grids that feed these electrical assets. Consequently, it is necessary to carry out pre-
commissioning tests of their insulation systems and, in some cases, to implement an online
condition monitoring and trending analysis of key variables, such as partial discharges and
temperature, among others. Because the tests carried out for analysing the dielectric beha-
viour of insulation systems are commonly standardised, it is of interest to have tools that
simulate the real behaviour of those and their weaknesses to prevent electrical breakdowns.
The aim of this book is to provide the reader with models for electrical insulation systems
diagnosis.
⇒ Ausführliche Angaben: HT020309070

Sanchez-Garcia, Jose C.: Entrepreneurship Education and Training
English. Inhaltliche Zusammenfassung: Entrepreneurship has a tremendous impact on the
economic development of a country, so much that entrepreneurship is seen as a solution for
the fast changing economic demands worldwide and has been recognized as a path to su-
stainable economic development. Despite recognition of entrepreneurship on the road to glo-
bal economic development, a large body of research on the elements of entrepreneurship edu-
cation remains unresolved. Are these behaviors inherent to human beings, their genetic code,
their psychological traits, or can students, young children, and even adults, be taught how to become an entrepreneur? This book presents several chapters following different approaches to answer these questions. Researchers explore education programs in different countries, they show experiences in entrepreneurship education, explain how to teach entrepreneurial skills, cultural issues, and propose some orientations and reflections on entrepreneurship education.

⇒ Ausführliche Angaben: HT020307982

**Sandai, Doblin: Candida Albicans**


English. Inhaltliche Zusammenfassung: This book highlights modern techniques of research into Candida albicans, especially in terms of emerging and emerged pathogenic Candida species. It also looks at metabolic adaptation, resistance related to environmental stress and variety of nutrients, best performing plants that inhibit Candidas activities, interaction with other microbes, antifungal immunity mechanisms, and the posttherapeutic management of fungal infections. The book is a collection of very high impact research that includes a combination of biochemical, molecular biological, and medical microbiological innovative scientific techniques. It contains fascinating information that will help readers to explore and understand why C. albicans is different from other microbes. The authors describe this significant discovery using both bioinformatic and laboratory techniques and this uniqueness is the reason why C. albicans is a successful pathogenic yeast.

⇒ Ausführliche Angaben: HT020309363

**Sandrini, Peter: Translationspolitik für Regional- oder Minderheitensprachen**


German. Inhaltliche Zusammenfassung: A reasonable evolution model is indispensable for the comprehensibility and justification of translation policy decisions. On the one hand, this model should take into account the general objectives of protecting a regional or minority language and, on the other, the findings of translation studies and the best practices of the translation industry. On the basis of these assumptions, the author derives possible lines of development for the various areas of translation policy with the help of the maturity model derived from organisational management. He also develops a comprehensive evaluation procedure: the Translation Policy Metrics Model (TPM). The exemplary implementation of this model is based on the example of the minority region of South Tyrol using two surveys, several personal interviews with leading personalities in the field of translation as well as by examining the existing sources of legislation. Peter Sandrini is a research assistant at the Institute for Translation Studies at the University of Innsbruck. His research focuses on legal translation, translation technology and terminology (www.petersandrini.net).

⇒ Ausführliche Angaben: HT020309895

**Sangenis, Luiz Fernando Conde / Oliveira, Elaine Ferreira Rezende de / Carreiro, Heloísa Josiele Santos: Formação de professores para uma educação plural e democrática: narrativas, saberes, práticas e políticas educativas na América Latina**


Portuguese. Inhaltliche Zusammenfassung: Na atual realidade brasileira e latino-americana, está em curso um projeto político, ideológico e econômico - determinado a restringir direitos políticos, sociais, civis e fazer avançar formas de capitalismo concentrador de riqueza que aumentam velocemente o fosso entre ricos e pobres. Sinais desse processo ganham visibilidade nas privatizações dos serviços públicos, nos cortes profundos no investimento em saúde e em educação e na tentativa de desapropriação docente do exercício autônomo de sua profissão. Esta coletânea, escrita a muitas mãos, na perspectiva da educação, tem o objetivo de fomentar um debate necessário entre os educadores acerca dessas questões candentes em toda a América Latina. Seu eixo central é a formação de professores. Surge da reunião de esforços empreendidos por pesquisadores brasileiros e estrangeiros consorciados ao Núcleo de Pesquisa e Extensão Vozes da Educação (CNPq), vinculado à Faculdade de Formação de Professores
da UERJ, em São Gonçalo/RJ. Em 2018, o Núcleo Vozes completou 22 anos de existência, e ampliou a sua capacidade de atuação e de análise da sociedade e da educação, a partir de diálogos com outras vozes geográficas mais distantes. Esses diálogos nos aproximam, cada vez mais, de outros pesquisadores, especialmente latino-americanos, e constituem um caminho consequente à sinergia de forças para pensar e transformar a realidade, por meio da nossa atuação no campo da educação e da formação de professores no Brasil e na América-Latina.

⇒ Ausführliche Angaben: HT020307355

Sanli, Dogan Ugur: Accuracy of GNSS Methods
English. Inhaltliche Zusammenfassung: Following the GPS, new GNSS techniques are emerging today. Various surveying and processing methods are available for the analysis of GNSS data. Equipment and software are also varied. The orbit quality, controlled by the system designer, and the IGS are continuously improved. The user is mainly interested in the quality of position and of the deformation rates produced by the GNSS. Hence, research needs to guide the user in terms of selecting the best combination of the available methods and instrumentation to produce the desired accuracy. This book reviews the current available accuracy obtainable using the GNSS methods. In fact, the main aim of this book is to make an impact on young researchers so that they keep updating the accuracy of GNSS for future generations.

⇒ Ausführliche Angaben: HT020309189

Sant’Anna, Marcia: A cidade-atração: a norma de preservação de áreas centrais no Brasil dos anos 1990
Portuguese. Inhaltliche Zusammenfassung: A cidade-atração investiga os programas e projetos que, a partir dos anos 1990, incorporaram o patrimônio de cidades brasileiras como um ativo urbano destinado a contribuir para a transformação de quadros de desvalorização econômica e de uso e apropriação popular. Com base em processos deflagrados nas áreas centrais de Salvador, Rio de Janeiro e São Paulo, busca compreender os sentidos subjacentes à proliferação e à banalização de práticas preservacionistas e apontar outras possibilidades socialmente mais significativas de uso do patrimônio urbano.

⇒ Ausführliche Angaben: HT020310344

Santamaria, Veronica / Poelemans, Maitena / Mitsilegas, Valsamis: The future of mutual recognition in criminal matters in the European Union
French | English. Inhaltliche Zusammenfassung: In the EU’s fast-growing Area of Freedom, Security and Justice, the principle of mutual recognition should play a key role in the field of judicial cooperation in criminal matters. Since mutual recognition was enshrined as a cornerstone of judicial cooperation in the EU by the European Council of Tampere in 1999, an increasing number of binding instruments based on this principle have been adopted in the framework of the EU’s Third Pillar. The considerable impact of those instruments on national criminal legal systems has often required a major effort by Member States in adjusting their national legislation so that it complies with the new mechanisms agreed at EU level.

⇒ Ausführliche Angaben: HT020309788

SantAnna, Maria Josefina Gabriel / Marafon, Glaucio José / Correia, Arícia Fernandes: Rio de Janeiro: uma abordagem dialógica sobre o território fluminense
Portuguese. Inhaltliche Zusammenfassung: O Estado do Rio de Janeiro atravessa sua pior crise fiscal, com desdobramentos em outras dimensões, dentre as quais destacamos a insecuridade pública. As instituições públicas estaduais estão colocadas em xeque porque várias autoridades respondem por crimes de corrupção. O desemprego é o mais intenso entre as unidades da federação, o que tem sido agravado pelo atraso no pagamento de servidores e fornecedores do setor público. A sociedade experimenta grande perplexidade diante desse cenário, que se seguiu ao ambiente vibrante do período que antecedeu a realização das Olimpíadas de
2016. Como foi possível realizar tão importante evento e enfrentar uma situação tão adversa? O livro discute esse cenário sob uma abordagem dialógica que inclui a economia, as ciências sociais, a geografia e o direito. Reunindo especialistas dessas áreas no IV Seminário Rio de Janeiro, realizado na UERJ em agosto de 2017, as reflexões ali desenvolvidas estão sendo oferecidas ao público no presente livro.
⇒ Ausführliche Angaben: HT020307354

Santos, Edson Mauro / Edvan, Ricardo Loiola: Forage Groups
2019. 1 electronic resource (166 pages). ISBN 9781789856811, ISBN 9781789856828 English. Inhaltliche Zusammenfassung: The correct use of forage as animal food is a less expensive way of improving animal performance and reducing the costs of animal products. Therefore, we hope the book Forage Groups allows its readers to acquire knowledge about cultivation, harvesting, and conservation of grass and legumes. This book presents data from many countries around the world and we hope it will be useful for all interested readers in improving their background in forage.
⇒ Ausführliche Angaben: HT020309276

Santos-Reyes, Jaime: Earthquakes - Impact, Community Vulnerability and Resilience
⇒ Ausführliche Angaben: HT020309484

Saravanan, Chandraleka / Biswas, Bhaskar: Ligand
2018. 1 electronic resource (120 pages). ISBN 9781789231823, ISBN 9781789231830 English. Inhaltliche Zusammenfassung: The book Ligand describes the diversity and versatility of ligands, covering structural features, donor-acceptor properties and secondary functions like molecular recognition. Moreover, this book also provides a comprehensive account on the applicability like catalysis, sensors, supramolecular assembly, photochemical property, bioinorganic chemistry, and so on. The advancement of fundamentals in ligand design and the control of physicochemical properties of coordination compounds has largely increased emphasis on understanding the structural and electronic features toward different perspectives in materials science. In this regard, this book has a special appeal to chemists, biologists and others. This book will be beneficial for the graduate students, teachers, researchers and other professionals who are interested to fortify and expand their knowledge in chemistry, biology, microbiology, biotechnology, materials science, environmental science and so on.
⇒ Ausführliche Angaben: HT020308725

Saravi, Seyed Soheil Saeedi: Nitric Oxide Synthase - Simple Enzyme-Complex Roles
2017. 1 electronic resource (248 pages). ISBN 9789535131632, ISBN 9789535131649 English. Inhaltliche Zusammenfassung: Nitric Oxide Synthase - Simple Enzyme-Complex Roles provides information on nitric oxide synthase, a biomolecule of key importance for the different biological systems, including central and peripheral nervous, cardiovascular, and reproductive systems. With recent links to the role of nitric oxide in the reactions that can impact cell signaling, and discoveries surrounding the complex role of nitric oxide synthase that have increased research attention across the fields of cell and molecular biology, physiology, pharmacology, toxicology, neuroscience, cardiology, urology, and endocrinology, this book tries to provide a comprehensive overview of biology/pathobiology of nitric oxide synthases and a perspective from possible therapeutic indication of the enzyme inhibitors.
Sareen, Nishtha / Ojha, Abhishek: Peripheral Arterial Disease - A Practical Approach
English. Inhaltliche Zusammenfassung: Peripheral Arterial Disease - A Practical Approach is an honest effort to provide a clinically relevant approach to the management plan in patients presenting with peripheral vascular symptoms. We have summarized the most pertinent practical aspects of peripheral vascular disease, their clinical implications, diagnostic testing, therapeutic interventions and innovations. We hope this book serves as a reference for basic and advanced peripheral vascular care.

Sarfraz, Muhammad / Truong, Young Kinh-Nhue: Topics in Splines and Applications
English. Inhaltliche Zusammenfassung: Splines provide a significant tool for the design of computationally economical curves and surfaces for the construction of various objects like automobiles, ship hulls, airplane fuselages and wings, propeller blades, shoe insoles, bottles, et cetera. It also contributes in the description of geological, physical, statistical, and even medical phenomena. Spline methods have proven to be indispensable in a variety of modern industries, including computer vision, robotics, signal and image processing, visualization, textile, graphic designs, and even media. This book aims to provide a valuable source on splines and their applications. It focuses on collecting and disseminating information in various disciplines including computer-aided geometric design, computer graphics, data visualization, data fitting, power systems, clinical and epidemiologic studies, disease detection, regression curves, social media, and biological studies. The book is useful for researchers, scientists, practitioners, and many others who seek state-of-the-art techniques and applications using splines. It is also useful for undergraduate senior students as well as graduate students in the areas of computer science, engineering, health science, statistics, and mathematics. Each chapter also provides useful information on software developments and their extensions.

Sariaslan, Lora / Bialasiewicz, Luiza: Chapter 6 Textures of urban fears
English. Inhaltliche Zusammenfassung: We will discuss in detail the two exhibitions and their vicissitudes in the paragraphs to come, focusing on the emotional public reactions they both evoked, albeit to different degrees.

Sarria, Marisa P. / Gomes, Andreia C.: Unraveling the Safety Profile of Nanoscale Particles and Materials - From Biomedical to Environmental Applications
English. Inhaltliche Zusammenfassung: As nanomaterials become increasingly present in our daily lives, pertinent questions regarding their safety arise. Nanomaterial risk assessment, as in other areas, directs much of the effort worldwide in defining guidelines that may be translated into national or international directives. Nanomaterials encompass different entities, from nanoparticles to nanostructured materials, with specific effects over cells, tissues, organisms and ecosystems depending on their biophysical characteristics. Such interactions will directly affect the impact of novel nanotechnologies. This book aims to provide the reader with a comprehensive overview of the current state of the art in nanotoxicology, featuring the most important developments and critical issues regarding the use of and exposure to nanoparticles.
Sarvajayakesavalu, Suriyanarayanan: Advances in Environmental Monitoring and Assessment
English. Inhaltliche Zusammenfassung: The book Advances in Environmental Monitoring and Assessment is a collection of the latest research techniques on environmental monitoring and assessments. I believe that the information contained in this book will enhance the skills of environmental scientists and decision makers and contribute to the exchange of best practices for developing and implementing optimum methods for environmental assessment and management.
⇒ Ausführliche Angaben: HT020309430

Saso, Luciano / Cleemput, Oswald Van: Manual on Scientific Communication for Postgraduate Students and Young Researchers in Technical, Natural and Life Sciences
English. Inhaltliche Zusammenfassung: The Manual on Scientific Communication for Postgraduate Students and Young Researchers in Technical, Natural, and Life Sciences is meant to be a practical guide for the preparation of theses, papers, posters, and other scientific documents. Upon going through the different chapters, the readers should be able to critically search for relevant literature; to correctly define and execute a research topic or project; to correctly write a scientific document; to know the characteristics of the different parts of a MSc degree or PhD degree thesis and a scientific paper; to correctly interpret publishing ethically sensitive material; to understand problems about falsification, fabrication of data, plagiarism, and ranking of authors; and to prepare and present a good poster.
⇒ Ausführliche Angaben: HT020308396

Sato, Takaya: Science, Technology and Advanced Application of Supercapacitors
English. Inhaltliche Zusammenfassung: Application fields of supercapacitors are expanding because they have a very large charge/discharge current density and a cycle durability of tens of thousands of cycles or more compared to secondary batteries. There are various kinds of supercapacitor: electric double layer capacitors with a relatively long history, pseudocapacitors that utilize electrochemical reactions, and the progress of hybrid capacitor technology that combines double layer capacity and electrochemical reactions. Development of electrode materials and electrolytes and new cell design for constructing devices support the performance improvement and expansion of new applied fields such as automobiles, heavy machinery, and energy harvesting. This book aims to provide engineers with the opportunity to review the latest information by integrating cutting-edge papers on science, technology, and the application of supercapacitors.
⇒ Ausführliche Angaben: HT020309322

Sauge, Birgitte / Steier, Rolf / Pierroux, Palmyre: H5 Imagining, designing and exhibiting architecture in the digital landscape
English. Inhaltliche Zusammenfassung: Designs for Experimentation and Inquiry examines how digital media is reconfiguring the established worlds of research, education, and professional practice. It reflects on the theoretical, methodological, and ethical issues shaping contemporary engagements with digital learning and offers insights for both analysing and intervening in digital learning practices. This insightful volume fills a gap in the current literature by bringing together experiences from Sociocultural Studies of Learning, Science and Technology Studies, and Design Studies. Each chapter is an innovative case study, examining a different aspect of digital media’s role in research, education and professional practice.
⇒ Ausführliche Angaben: HT020307546
Saussy, Haun: Are We Comparing Yet?
English. Inhaltliche Zusammenfassung: Debates about the possibility of an open culture - or indeed about the possibility of an open debate about the openness of culture - often turn on questions of standards. But since no benchmark can be absolute, judgement is a proliferation of comparisons. Through a series of case studies in everyday and academic comparison (literature, history, politics, philosophy), Haun Saussy calls out the typical vices of comparison and proposes ways to unseat them. For however much it is abused, distorted, and manipulated, comparison retains an essential link to the idea of justice.

⇒ Ausführliche Angaben: HT020309883

Sauter, Stefan: Breakdance - B-Boying/B-Girling

⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 796DNB 796DNB
⇒ DDC (Dewey Decimal Classification):
  - 79623sdb 79623sdb
⇒ Ausführliche Angaben: HT020312510

Savic, Sara: Antibiotic Use in Animals
English. Inhaltliche Zusammenfassung: The book Antibiotic Use in Animals has everything said in the title, but it is not only meant for the veterinarians. It is intended to be used also by the medical doctors, animal owners, consumers of food of animal origin, et cetera The book has five sections: Introduction, Use of Antibiotics in Animals, Antibiotics and Nutrition, Probiotics, and Antimicrobial Resistance. Each of the sections discusses about one side of the antibiotic usage. Each group of authors has dedicated their work to one of the topics with key roles of antibiotics in the health of animals and public health in general. This book is a work of scientists and researchers in the topic of antibiotic use, and with this book, we hope to open new questions and deepen the research on roles of antibiotics in everyday life.

⇒ Ausführliche Angaben: HT020308555

Savic, Sara: Vectors and Vector-Borne Zoonotic Diseases
English. Inhaltliche Zusammenfassung: Vectors and Vector-Borne Zoonotic Diseases is about a group of diseases that can infect humans and animals, and that are transmitted by vectors. These diseases are called vector-borne zoonotic diseases. This book is meant to be used by veterinarians, medical doctors, entomologists, and other experts, as well as students, animal owners, nature lovers, et cetera The book has several sections: Introduction, Vectors, Vector-Borne Diseases and Pathogens, and Vector Control. Each of the sections concerns one stage of a vector-borne disease. Each group of authors has dedicated their work to one of the topics with key roles on pathogens or vectors that are of great public health interest in their country or region. In this book, the authors have tried to show which vectors and diseases are the most interesting, having in mind that their spreading represents a danger to health. With this book, we hope to broaden readers knowledge by sharing experiences with vector-borne diseases, with the aim to upgrade the knowledge of general public health from a One Health perspective.

⇒ Ausführliche Angaben: HT020309263

Savini, Isabelle / Andrivon, Didier: Peut-on se passer du cuivre en protection des cultures biologiques ?
Le cuivre est utilisé pour contrôler diverses maladies fongiques ou bactériennes, principalement sur vigne, en productions fruitières et en cultures légumières. Il constitue la seule substance active à effet fongicide fort et gamme d'action large homologuée en agriculture biologique. Or la mise en évidence d’effets environnementaux négatifs du cuivre, notamment sur les organismes du sol, a conduit à des restrictions réglementaires d’usage (plafonnement des doses autorisées), et même à son interdiction comme pesticide dans certains pays d’Europe du Nord. De ces restrictions croissantes à l’emploi du cuivre, qui posent des difficultés notamment aux producteurs qui ne peuvent recourir à des fongicides de synthèse, découle une demande récurrente d’alternatives. De nombreux travaux expérimentaux ont ainsi été menés pour identifier et tester d’autres techniques : emploi de variétés résistantes aux maladies, application de substances d’origine naturelle à effet biocide et/ou stimulant les défenses naturelles des plantes, utilisation d’agents microbiologiques de lutte, adopion de conduites des peuplements cultivés à visée prophylactique, installation de protections physiques. Les résultats restent toutefois dispersés et ces méthodes de lutte peu mises en œuvre sur le terrain. Issu d’une expertise scientifique collective, cet ouvrage est une synthèse pluridisciplinaire et critique des connaissances disponibles sur le sujet. Il présente et étudie les différentes techniques potentiellement efficaces contre les agents pathogènes contrôlés par les traitements cupriques, et la nécessité de les combiner dans des systèmes intégrés de protection des cultures.

⇒ Ausführliche Angaben: HT020310388

Saxena, Shailendra K.: Current Perspectives in Human Papillomavirus
English. Inhaltliche Zusammenfassung: This book gives a comprehensive overview of recent advances in human papillomavirus (HPV) infection, as well as general concepts of infections, immunopathology, diagnosis, treatment, epidemiology, and etiology. It examines current clinical recommendations in the management of HPV, highlighting the ongoing issues, recent advances, and future directions in diagnostic approaches and therapeutic strategies. The book focuses on various aspects and properties of HPV, whose deep understanding is very important for safeguarding the human race from further loss of resources and economies due to HPV infection. I hope that this work will increase the interest in this field of research and that the readers will find it useful for their investigations, management, and clinical usage.

⇒ Ausführliche Angaben: HT020309369

Saxena, Shailendra K.: Influenza - Therapeutics and Challenges
English. Inhaltliche Zusammenfassung: This book gives a comprehensive overview of recent advances in influenza, as well as general concepts of molecular biology of influenza infections, epidemiology, immunopathology, prevention, and current clinical recommendations in management of influenza, including preparation of vaccines, assessment of the safety and quality of influenza vaccines and adjuvants highlighting the ongoing issues and recent advances, with future directions in prevention and therapeutic strategies. I hope that this work might increase the interest in this field of research and that the readers will find it useful for their investigations, management, and clinical usage.

⇒ Ausführliche Angaben: HT020308989

Sayidmarie, Khalil Hassan / Mohammed, Jafar Ramadhan: Array Pattern Optimization
English. Inhaltliche Zusammenfassung: Array pattern optimization is a very important and necessary issue in the majority of modern communication systems in a variety of applications such as sonar, radar, navigation, wireless communications, and many other engineering fields. Classical methods for array pattern synthesis have worked mainly with analytical models that are linear, local and, thus, their performances were not optimum. They have always been designed with closed-form mathematical models. Unlike these analytical methods, the global optimization methods with powerful computing tools offer optimum solutions. During
the last few years, the design of the antenna arrays has been a topic of significant research activity. This book presents recent advances in the field of array pattern optimization. It is targeted primarily toward students and researchers who want to be exposed to a wide variety of antenna array design and optimization. It includes five chapters as well as the introductory chapter. These five chapters are categorized into five different areas depending on the application. These applications are ordered to address interference suppression, electronic toll collection, mmWave and ultra-wideband, integrated antennas, and educational packages for modeling smart antenna for 5G wireless communications. The book has the advantage of providing a collection of applications that are entirely independent and self-contained; thus, the interested reader can choose any chapter and skip to another without losing continuity.

⇒ Ausführliche Angaben: HT020309309

Sayligil, Omur: Patient Centered Medicine
English. Inhaltliche Zusammenfassung: Patient-centered medicine is not an illness-centered, a physician-centered, or a hospital-centered medicine approach. In this book, it is aimed at presenting an approach to patient-centered medicine from the beginning of life to the end of life. As indicated by W. Osler, It is much more important to know what sort of a patient has a disease than what sort of a disease a patient has. In our day, if the physicians and healthcare professionals could consider more than the diseased organ and provide healthcare by comforting the patients by respecting their values, beliefs, needs, and preferences; informing them and their relatives at every stage; and comforting the patients physically by controlling the pain and relieving their worries and fears, patients obeying the rules of physicians would become patients with high adaptation and participation to the treatment.

⇒ Ausführliche Angaben: HT020308224

Schaaf, Franziska / Petzold, Kristina / Klug, Valeska: Kritische Kreativität
German. Inhaltliche Zusammenfassung: Creativity - once the core demand of (artistic) social critique - today seems to be no more than an omnipresent social imperative. Their emancipatory potential became playful in favor of strategic exploitation by politics and economy, so the general reproach. Against this background, the volume addresses the multifaceted relationship between creativity and criticism. To this end, he brings together contributions from various research disciplines, artistic and activist practices along the central questions: How can the concept of creativity be criticized and (how) can its original critical potential be reactivated?.

⇒ Schlagwörter:
- Arbeit
- Bildung
- Diskurs
- Kreativität
- Künste
- Lebensstil
- Ästhetisierung

⇒ Ausführliche Angaben: HT020309888

Schäfer, Eckehart Velten: Dogtown und X-Games - die wirkliche Geschichte des Skateboardfahrens

⇒ Ein Medium
- Freihand:

⇒ DDC (Dewey Decimal Classification):
- 300DNB 300DNB
Schaffner, Brian / La Raja, Raymond: Campaign Finance and Political Polarization: When Purists Prevail
English. Inhaltliche Zusammenfassung: Efforts to reform the U.S. campaign finance system typically focus on the corrupting influence of large contributions. Yet, as Raymond J. La Raja and Brian F. Schaffner argue, reforms aimed at cutting the flow of money into politics have unintentionally favored candidates with extreme ideological agendas and, consequently, fostered political polarization. Drawing on data from 50 states and the U.S. Congress over 20 years, La Raja and Schaffner reveal that current rules allow wealthy ideological groups and donors to dominate the financing of political campaigns. In order to attract funding, candidates take uncompromising positions on key issues and, if elected, take their partisan views into the legislature. As a remedy, the authors propose that additional campaign money be channeled through party organizations rather than directly to candidates because these organizations tend to be less ideological than the activists who now provide the lion’s share of money to political candidates. Shifting campaign finance to parties would ease polarization by reducing the influence of “purist” donors with their rigid policy stances. La Raja and Schaffner conclude the book with policy recommendations for campaign finance in the United States. They are among the few non-libertarians who argue that less regulation, particularly for political parties, may in fact improve the democratic process.

Schaller, Bernhard: Ischemic Stroke - Updates
English. Inhaltliche Zusammenfassung: This book covers all aspects and the most vibrant topics of ischemic stroke research: from basic sciences to latest methods of clinical applications. The authors give an overview of what has importance today in stroke research and also strike future ideas. The diversity of origin of the internationally known authors underlines not only that ischemic stroke research is nowadays global but also that this diversity gives new and valuable inputs to treat our patients.

Schattner, Uri: New Frontiers in Tectonic Research - At the Midst of Plate Convergence
English. Inhaltliche Zusammenfassung: Ocean closure involves a variety of converging tectonic processes that reshape shrinking basins, their adjacent margins and the entire earth underneath. Following continental breakup, margin formation and sediment accumulation, tectonics normally relaxes and the margins become passive for millions of years. However, when final convergence is at the gate, the passive days of any ocean and its margins are over or soon will be. The fate of the Mediterranean and Persian Gulf is seemingly known beforehand, as they are nestled in the midst of Africa-Arabia plate convergence with Eurasia. Over millions of years through the Cenozoic era they progressively shriveled, leaving only a glimpse of the Tethys Ocean. Eventually, the basins will adhere to the Alpine-Himalaya orogen and dissipate. This book focuses on a unique stage in the ocean closure process, when significant convergence already induced major deformations, yet the inter-plate basins and margins still record the geological history.

Scheen, Lena / Fai Chow, Yiu / de Kloet, Jeroen: Boredom, Shanzhai, and Digitisation in the Time of Creative China
English. Inhaltliche Zusammenfassung: With its emergence as a global power, China aspires
to transform from Ymade in ChinaOE to Ycreated in ChinaOE. Mobilised as a crucial source for solid growth and Ysoft power,OE creativity has become part of the new China Dream. Boredom, Shanzhai, and Digitisation in the Time of Creative China engages with the imperative of creativity by aligning it to three interrelated phenomena: boredom, shanzhai, and digitisation. How does creativity help mitigate boredom? Does boredom incubate creativity? How do shanzhai practices and the omnipresence of fake goods challenge notions of the original and the authentic? Which spaces for expressions and contestations has China’s fast-developing digital world of Weixin, Taobao, Youku, and Internet Plus Policy opened up? Are new technologies serving old interests? Essays, dialogues, audio-visual documents, and field notes, from thinkers, researchers, practitioners, and policy-makers, examine what is going on in China now, ultimately to tease out its implication to our understanding of YcreativityOE.

⇒ Ausführliche Angaben: HT020309904

Scheierling, Konrad: Deutsche Volkslieder aus Hohenlohe mit ihren Wei-
German.
⇒ Ausführliche Angaben: HT020309982

Schenderlein, Anne C.: Germany on their Minds
English. Inhaltsliche Zusammenfassung: Throughout the 1930s and early 1940s, before closing its borders to Jewish refugees, the United States granted asylum to approximately 90,000 German Jews fleeing the horrors of the Third Reich. And while most became active participants in American society, they also often constructed their individual and communal lives and identities in relation to their home country. As this groundbreaking study shows, even though many refugees wanted little to do with Germany, the political circumstances of the postwar era meant that engagement of some kind was unavoidable—whether initiated within the community itself, or by political actors and the broader public in West Germany. Author Anne C. Schenderlein gives a fascinating account of these entangled histories on both sides of the Atlantic, and demonstrates the remarkable extent to which German Jewish refugees helped to shape the course of West German democratization.
⇒ Ausführliche Angaben: HT020309832

Schenk, Sabine: Running and Clicking: Future Narratives in Film
English. Inhaltsliche Zusammenfassung: Running and Clicking examines how Future Narratives push against the confines of their medium: Studying Future Narratives in movies, interactive films, and other electronic media that allow for nodes, this volume demonstrates how the dividing line between film and game is progressively dissolved. Focused on traditional mass media, transitional media, and new media, it also touches on transmedial storytelling and virtual reality, discussions of the political power of the imaginary and of the possible fate of Future Narratives in the post-human hegemony of the simulated real.
⇒ Ausführliche Angaben: HT020307637

Schenker, Michael / Gheonea, Dan Ionut / Streba, Liliana: Current Trends in Cancer Management
English. Inhaltsliche Zusammenfassung: The field of cancer diagnosis, prognosis, and treatment is constantly advancing. From novel biomarkers to cutting-edge imaging solutions, changing chemotherapy protocols and novel immune-targeting agents, medical teams develop and test new ways to manage this ever-growing threat to the modern age. Imaging has been a reliable method for initial diagnosis and later surveillance of premalignant and cancerous lesions of the digestive tract. This book project aims to characterize the main diagnostic procedures and novel medical and surgical treatments, as well as provide an updated view on current guidelines, premalignant lesions management, and minimally invasive curative techniques.
Schild, Wolfgang: Schuld und Unfreiheit

⇒ Ausführliche Angaben: HT020307484

Schimpfössl, Elisabeth / Duncan, Pete: Socialism, Capitalism and Alternatives
English. Inhaltliche Zusammenfassung: In 1989 the Berlin Wall came down. Two years later the Soviet Union disintegrated. The collapse of communism in Eastern Europe and the Soviet Union discredited the idea of socialism for generations to come. It was seen as representing the final and irreversible victory of capitalism. This triumphal dominance was barely challenged until the 2008 financial crisis threw the Western world into a state of turmoil.Through analysis of post-socialist Russia and Central and Eastern Europe, as well as of the United Kingdom, China and the United States, Socialism, Capitalism and Alternatives confronts the difficulty we face in articulating alternatives to capitalism, socialism and threatening populist regimes. Beginning with accounts of the impact of capitalism on countries left behind by the planned economies, the volume moves on to consider how China has become a beacon of dynamic economic growth, aggressively expanding its global influence.

⇒ Ausführliche Angaben: HT020309852

Schinko, Georg: Über die Produktion von Tönen
German. Inhaltliche Zusammenfassung: The present study examines the diverse forms of music-making in Austria between 1918 and 193 within the context of work and non-work. In a period where practices of work (id est professional work) were renegotiated, these forms of music-making and how they were valued constituted a contested field. By analysing life writings of music-makers, the relevant contemporary differentiations are made clear.

⇒ Ausführliche Angaben: HT020307454

Schleicher, Judith: Kibaz mit Pony - Handbuch für den Reitsport

⇒ Ein Buch - Freihand: 2019 / 2828
⇒ Ausführliche Angaben: HT020310816

Schleifer, Arthur, jr / Snell, J. Laurie / Thompson, Gerald L.: Mathematik für die Wirtschaftspraxis
German.

⇒ Ausführliche Angaben: HT020310002


⇒ Ein Buch Freihand: 2019 / 2827

⇒ Ausführliche Angaben: HT020310809


⇒ Ausführliche Angaben: HT020309683


⇒ Ausführliche Angaben: HT020310034


⇒ Ausführliche Angaben: HT020309681
Schmolz, Helene: Anaphora Resolution and Text Retrieval. A Linguistic Analysis of Hypertexts
English. Inhaltliche Zusammenfassung: This book covers anaphora resolution for the English language from a linguistic and computational point of view. First, a definition of anaphors that applies to linguistics as well as information technology is given. On this foundation, all types of anaphors and their characteristics for English are outlined. To examine how frequent each type of anaphor is, a corpus of different hypertexts has been established and analysed with regard to anaphors. The most frequent type are non-finite clause anaphors - a type which has never been investigated so far. Therefore, the potential of non-finite clause anaphors are further explored with respect to anaphora resolution. After presenting the fundamentals of computational anaphora resolution and its application in text retrieval, rules for resolving non-finite clause anaphors are established. Therefore, this book shows that a truly interdisciplinary approach can achieve results which would not have been possible otherwise. Open Access: In July 2019, this volume was retroactively turned into an Open Access publication thanks to the support of the Fachinformationsdienst Linguistik.https://www.linguistik.de.
⇒ Ausführliche Angaben: HT020309924

Schneegans, Heinrich: Geschichte der grotesken Satire
1894. 1 electronic resource (538 pages). ISBN 97831111727127
German.
⇒ Ausführliche Angaben: HT020310022

Schneider, Karin: Norm und Zeremoniell
German. Inhaltliche Zusammenfassung: Between 1810 and 1813 the Master of Ceremonies Count Gundacker Heinrich Wurmbrand drafted an “Etiquette-Normale für den österreichischen Kaiserhof”, which is a unique source for the reconstruction of everyday ceremonies at the Viennese court after the Napoleonic era. The text define the role of the Emperor, the ranks of the members of his entourage and the status of the court servants in a complex, symbolic system of relations. Court and court society are presented as a well-ordered mechanism to celebrate the dignity and rank of the Austrian Empire invented in 1804 and to legitimize it through symbolic communication.
⇒ Ausführliche Angaben: HT020310440

Schneider, Marion / Gorbunov, Nikolai V.: Autophagy in Current Trends in Cellular Physiology and Pathology
English. Inhaltliche Zusammenfassung: Autophagy in Current Trends in Cellular Physiology and Pathology is addressed to one of the fundamental molecular mechanisms - autophagy-evolutionarily adopted by cells for processing of unnecessary or malfunctioned constituents and shaping intracellular structures, adjusting them to environmental conditions, aging, disease, neoplasia, and damages over their life period. Particular attention is paid to autophagy-mediated barrier processes of selective sequestration and recycling of impaired organelles and degradation of invading microorganisms, that is, the processes sustaining intrinsic resistance to stress, tissue degeneration, toxic exposures, and infections. The presented topics encompass personal experience and visions of the chapter contributors and the editors; the book chapters include a broad analysis of literature on biology of autophagy.
⇒ Ausführliche Angaben: HT020308079

Schneider, Paul: Visuelle und auditive Wahrnehmung im Beachvolleyball
Analyse von Blickaktion und Call in Angriffs situationen / Paul Schneider. 2019. IV, 31 Blätter.
- Bachelorarbeit, Deutsche Sporthochschule, Köln, 2019.
⇒ Ein Buch
  - Freihand: BA 3350
⇒ Ausführliche Angaben: HT020310908
Schneider, Richard H / Kitchen, Ted: Planning for Crime Prevention
English. Inhaltliche Zusammenfassung: Crime and the fear of crime are issues high in public concern and on political agendas in most developed countries. This book takes these issues and relates them to the contribution that urban planners and participative planning processes can make in response to these problems. Its focus is thus on the extent to which crime opportunities can be prevented or reduced through the design, planning and management of the built environment. The perspective of the book is transatlantic and comparative, not only because ideas and inspiration in this and many other fields increasingly move between countries but also because there is a great deal of relevant theoretical material and practice in both the USA and the UK which has not previously been pulled together in this systemic manner.
⇒ Ausführliche Angaben: HT020310168

Schniederer, Madeleine: Qualitätssicherung. Die Praxis der Übersetzungsrevision im Zusammenhang mit EN 15038 und ISO 17100
German. Inhaltliche Zusammenfassung: Translation revision is essential for ensuring the quality of translations. It is a service of its own, which involves the provision of additional personnel, time and financial resources. The quality standards, the auditing practice and the service providers are the focus of a study with Austrian language service providers, presented here by Madeleine Schniederer. The results describe the practical framework conditions and the current status of translation revision in Austria. They also show the extent to which EN 15038 and ISO 17100 form the basis of the respondents professional activities. These and other revealing results demonstrate the importance of translation revision within quality assurance. Madeleine Schniederer studied translation with French and Russian at the University of Innsbruck and graduated from the University of Geneva with a PhD thesis on translation revision. Since September 2018 she is a lecturer in the German Department of the Faculty of Translation and Interpreting at the University of Geneva, where she teaches translation, translation revision and German language and cultural competence.
⇒ Ausführliche Angaben: HT0203098891

Schnitzler, Arthur: Reigen. Historisch-kritische Ausgabe
German. Inhaltliche Zusammenfassung: La Ronde is one of Arthur Schnitzler’s most controversial works. The historical-critical edition provides an introduction to its history, reconstructs the provenance of the manuscript, and presents a facsimile of the manuscript along with a transcription, a print text, and a commentary. The edition offers a new foundation for the study of the central text in Schnitzler’s oeuvre.
⇒ Ausführliche Angaben: HT020309971

Schohe, Gerrit / Levi, Laure / Bär-Bouyssière, Bertold: Aides d’État
French. Inhaltliche Zusammenfassung: Même si elle n’a pas fait formellement l’objet d’une modernisation - au même titre que le droit anti-trust des articles 81 et 82 CE -, la matière des aides d’État a toutefois connu, au cours de ces dernières années, de nombreuses modifications législatives et a donné lieu à un contentieux abondant. Plus particulièrement, tant la Cour de justice et le Tribunal de première instance que la Commission ont eu à traiter de nouvelles questions de procédure mais aussi de fond. Le résultat est un ensemble de décisions et de textes relevant davantage d’une approche casuistique que d’une coordination rigoureuse, et dont le maniement peut s’avérer malaisé. C’est dans le contexte de ces réflexions que s’inscrit le présent ouvrage sur ” Les aides d’État “. D’éminents spécialistes de cette matière, avocats et/ou académiques, y font le point, mettent en évidence les enjeux ainsi que les lacunes persistantes et, le cas échéant, proposent des pistes pour y remédier. Le lecteur y trouvera, sous
une présentation systématique, des réflexions originales sur, d’une part, les critères qui défini-
nissent la notion d’aide d’État et, d’autre part, les aspects du régime des aides qui posent à
l’heure actuelle le plus de difficultés aux praticiens: la compensation des obligations de ser-
vice public, l’application des règlements d’exemption, l’identification du bénéficiaire de l’aide
en cas de remboursement de celle-ci et le statut du plaignant.
⇒ Ausführliche Angaben: HT020309768

Schondelmayer, Anne-Christin / Schäffer, Burkhard / Loos, Peter: Doku-
mentarische Methode: Triangulation und blinde Flecken
German. Inhaltliche Zusammenfassung: The volume discusses the possibilities and limits of
the documentary method in terms of basic theory, methodology and methodology. Triangula-
tion is important in two ways: as a research practice in itself and as a way of identifying blind
spots. The interest in the topic of triangulation - taking on different perspectives - relates
above all to questions about the possibilities and limits offered by the documentary method
for triangulation in terms of basic theory, methodology, and method. This goes beyond the
common understanding of triangulation as mixed methods, which involves the combination
of different methods and the validation of results. The second part of the book deals with
blind spots of the documentary method, which become clear in comparison with other me-
thodologies and procedures of empirical social and educational research, but which are also
constituted and revealed in the actual research practice (in the field of research).-. 
⇒ Ausführliche Angaben: HT020310477

Schoonjans, Steven: Modalpartikeln als multimodale Konstruktionen. Ei-
ne korpusbasierte Kookkurrenzanalyse von Modalpartikeln und Gestik im
Deutschen
German. Inhaltliche Zusammenfassung: This study presents the gestures typically combined
with seven German modal particles (denn, doch, eben, eigentlich, einfach, halt, and ja) and
analyzes the degree to which the co-occurrences discovered should be seen as multimodal
constructions as defined by construction grammar. The study also explores the grammatica-
lization of such gestures (especially head-shakes and pointing gestures).
⇒ Ausführliche Angaben: HT020309948

Schopper, Veit: Abschätzung der Kompressionskräfte im medialen Kom-
partment des Kniegelenks bei Elite-Hochspringern
von Veit Schopper. 2019. V, 35 Blätter. - Bachelorarbeit, Deutsche Sporthochschule, Köln,
2019.
⇒ Ein Buch
- Freihand: BA 3351
⇒ Ausführliche Angaben: HT020311957

Schorr, Michael: Desalination, Trends and Technologies
English. Inhaltliche Zusammenfassung: The book comprises 14 chapters covering all the issu-
es related to water desalination. These chapters emphasize the relationship between problems
encountered with the use of feed water, the processes developed to address them, the opera-
tion of the required plants and solutions actually implemented. This compendium will assist
designers, engineers and investigators to select the process and plant configuration that are
most appropriate for the particular feed water to be used, for the geographic region consid-
tered, as well as for the characteristics required of the treated water produced. This survey
offers a comprehensive, hierarchical and logical assessment of the entire desalination indus-
try. It starts with the worldwide scarcity of water and energy, continues with the thermal
- and membrane-based processes and, finally, presents the design and operation of large
and small desalination plants. As such, it covers all the scientific, technological and econo-
mical aspects of this critical industry, not disregarding its environmental and social points
of view. One of InTechs books has received widespread praise across a number of key publications. Desalination, Trends and Technologies (Ed. Schorr, M. 2011) has been reviewed in Corrosion Engineering, Science and Technology - the official magazine for the Institute of Materials, Minerals and Mining, and Taylor and Franciss Desalination Publications. Praised for its “multi-faceted content [which] contributes to enrich it,” and described as “an essential companion...[that] enables the reader to gain a deeper understanding of the desalination industry,” this book is testament to the quality improvements we have been striving towards over the last twelve months.

⇒ Ausführliche Angaben: HT020309551

Schreiber, Jean-Philippe / Bernard, Bruno / Hasquin, Hervé: Population, commerce et religion au siècle des Lumières

⇒ Ausführliche Angaben: HT020309786

Schreiner, Julia: Neutralität nach Schweizer Muster?
de. Inhaltliche Zusammenfassung: Permanent neutrality - a chance or more a burden for a young nation? In 1955 Austria gained back its sovereignty with signing the State Treaty of Vienna. Before that, Austria took over the obligation of becoming a permanent neutral state in the Moscow Memorandum. This study focuses on the efforts of Austrian politics, science and people to position the country in Europe and in the United Nations within the framework of the Cold War. The analysis shows how the semantics and the functions of the permanent neutrality have changed from 1955 to 1989 and how the Austrian citizens have contemplated the neutrality of their state. Moreover the study explores the interdependency between political developments and scientific research and, as a consequence of that, the role neutrality played on a political level. The examination reveals the various definitions of neutrality and points out the significance it still has today.

⇒ Ausführliche Angaben: HT020307605

Schreurs-Morét, Anna / Hubert, Hans W. / Heinzer, Felix: Imitatio heroica

⇒ Ausführliche Angaben: HT020307599
Schröder, Jan: Theorie der Gesetzesinterpretation im frühen 20. Jahrhundert
1 electronic resource (pages). ISBN 9783845233260
⇒ Ausführliche Angaben: HT020307611

Schrörs, Mischa: Der Zusammenhang von Rivalität und Aggression im Teamsport
⇒ Ein Buch
- Freihand: BA 3352
⇒ Ausführliche Angaben: HT020311986

Schroor, Meindert / Egberts, Linde: Waddenland Outstanding: History, Landscape and Cultural Heritage of the Wadden Sea Region
English. Inhaltliche Zusammenfassung: The Wadden Sea Region is comprised of the embanked coastal marshes and islands in the Wadden Sea near Denmark, Germany, and the Netherlands, and this area retains an exceptional common history in all its aspects: archaeologically, economically, socially, and culturally. Its settlement history of more than two thousand years is unrivalled and still mirrored in the landscape and even though it has never constituted a political unity, it still shares a landscape and cultural heritage. For example, the approaches to water management and associated societal organisation developed in the region during the last millennium have set significant world standards, values which were recognised by UNESCO in inscribing the Wadden Sea on its World Heritage List. This book encompasses the contributions presented at the scientific symposium of prominent scientists who gathered in 2016 in Husum, Germany, a landmark event in sharing knowledge on the common history, landscape, cultural heritage of the Wadden Sea Region.
⇒ Ausführliche Angaben: HT020309898

Schrover, Marlou / Groot, Gertjan De: Women Workers And Technological Change In Europe In The Nineteenth And twentieth century
English. Inhaltliche Zusammenfassung: From the traditional stereotyped viewpoint, femininity and technology clash. This negative association between women and technology is one of the features of the sex-typing of jobs. Men are seen as technically competent and creative; women are seen as incompetent, suited only to work with machines that have been made and maintained by men. Men identify themselves with technology, and technology is identified with masculinity. The relationship between technology, technological change and womens work is, however, very complex.; Through studies examining technological change and the sexual division of labour, this book traces the origins of the segregation between womens work and mens work and sheds light on the complicated relationship between work and technology. Drawing on research from a number of European countries England, Sweden, Denmark and the Netherlands, international contributors present detailed studies on womens work
spanning two centuries. The chapters deal with a variety of work environments - office work, textiles and pottery, food production, civil service and cotton and wool industries.; This work rejects the idea that women were mainly employed as unskilled labour in the industrial revolu-
tions, asserting that skill was required from the women, but that both the historical record about womens work and the social construction of the concept of skill have denied this.

⇒ Ausführliche Angaben: HT020310058

Schüurer, Kevin / Szreter, Simon: Chapter Twelve Revealing the Hidden Affliction
English. Inhaltliche Zusammenfassung: By the turn of the twentieth century the British na-
tion’s declining birthrate was increasingly the subject of anxious public and scientific debate, as the Registrar General’s annual reports continued to confirm a downward national trend, which had in fact commenced from the late 1870s.

⇒ Ausführliche Angaben: HT020309686

Schürmann, Marius: Validierung lexikon-basierter Stimmungsanalyseme-
ethoden von Twitterdaten im sportlichen Kontext
⇒ Ein Buch
- Freihand: BA 3353
⇒ Ausführliche Angaben: HT020312249

Schulz, Jakob: Akute ischämische Präkonditionierung als Methode zur Leistungssteigerung beim Menschen
eine systematische Literaturanalyse / von Jakob Schulz. 2019. 45, XIII Blätter. - Bachelorar-
beit, Deutsche Sporthochschule, Köln, 2019.
⇒ Ein Buch
- Freihand: BA 3354
⇒ Ausführliche Angaben: HT020312285

⇒ Ausführliche Angaben: HT020309677

Schumacher, David: Matchmaking im Profiboxen
Experteninterview mit Jean-Marcel Nartz / von David Schumacher. 2019. II, 44 Blätter. - Bachelo-
arbeit, Deutsche Sporthochschule, Köln, 2019.
⇒ Ein Buch
- Freihand: BA 3355
⇒ Ausführliche Angaben: HT020312856

Schumann, Eva / Richarz, Theresa / Scheiwe, Kirsten: Motherhood and the Law
2019. 1 electronic resource ( pages). ISBN 101787520191201, ISBN 9783863954253 English. Inhaltliche Zusammenfassung: Who is a child’s legal mother? Must a child have exactly one mother, can it have two or three, or can it have two fathers, but no mother? Or has the concept of motherhood become obsolete and should we just talk of parenthood in a gender neutral way? Questions such as these would have appeared esoteric only a few decades ago, but as a result of new social developments (such as frequent family reconstitutions, gay and lesbian emancipation or surrogacy) and of technological innovations (such as egg and embryo donations) they have become issues in a vehement debate. The interdisciplinary contributions to this book focus on the legal definition of motherhood, on the way in which legal conceptions
structure the social discourse on motherhood (and vice versa), and on the influence of legal rules on power relations between mothers, fathers, children and the state. Among the issues addressed are - the challenges to our understanding of the legal regulation of motherhood by developments in reproductive medicine; - the challenges to our understanding of the legal regulation of motherhood by parental constellations deviating from the mother-father-model (single motherhood by choice, same-gender parenthood, multiple parenthood); - the exercise of parental rights in case of parental separation and the impact of legal rules on the bargaining positions of mothers and fathers.

⇒ Ausführliche Angaben: HT020310439


⇒ Ein Buch
- Freihand: BA 3356
⇒ Ausführliche Angaben: HT020313390

Schwan, Alexander / Hempfer, Klaus W.: Grundlagen der politischen Kultur des Westens. Ringvorlesung an der Freien Universität Berlin im Sommersemester 1986
⇒ Ausführliche Angaben: HT020309987

Schwartz, Eduard: Konzilstudien. I. Cassian und Nestorius. II. Über echte und unechte Schriften des Bischofs Proklos von Konstantinopel
⇒ Ausführliche Angaben: HT020310006

Schwartz, Mark: Biofeedback
2018. 1 electronic resource (122 pages). ISBN 9781789842579, ISBN 9781789842586 English. Inhaltliche Zusammenfassung: The six chapters in this volume form a timely introduction to biofeedback research. The six authors describe how objective electrophysiological data provides useful data for assessment and therapy for physical therapists, psychologists and other healthcare professionals and their clients. The first chapter, Biofeedback and neurofeedback in the treatment of migraine, is written by Ph.D. student Zivoder Ivana. The second chapter by Prof. Dumitrascu looks at pelvic floor rehabilitation and is titled Factors predicting failure in anorectal biofeedback. The third chapter by Dr Liao Da-Vin is titled Collaborative, social-networked posture training with posturing monitoring and biofeedback. It is a useful and timely description of the role of biofeedback to support rehabilitation therapy at home and describe how objective information of physiotherapy treatments could increase the quality of service and the consistency of treatment outcomes. The fourth chapter by Prof. Silva Hugo is titled Bridging the clinic-home divide in muscular rehabilitation. It also covers the role of biofeedback to support rehabilitation therapy at home. The fifth chapter is written by Ph.D. student Grin-Yatsenko Vera and is titled Effect of infra-low frequency neurofeedback on infraslow-EEG-fluctuations. The sixth and final chapter in the volume, Control systems of bionic limbs of the new generation and control systems with EMG signals of VR and games, toys by M.A. Ivanituk Natallia goes beyond the person and shows how biofeedback can be integrated in the behavior of a bionic hand.
⇒ Ausführliche Angaben: HT020309073

Schweigler, Daniela: Das Recht auf Anhörung eines bestimmten Arztes (§ 109 SGG)

⇒ Ausführliche Angaben: HT020307574

Schwengler, Bernard / Orfali, Brigitta / Mayer, Nonna: Le Front national

⇒ Ausführliche Angaben: HT020309796

Scola, Gustavo / Andreazza, Ana Cristina: Toxicology Studies - Cells, Drugs and Environment
English. Inhaltliche Zusammenfassung: The increased exposure to toxins, toxicants and novel drugs has promoted toxicology to become one of the most important areas of research with emerging innovative toxicity testing protocols, techniques, and regulation being placed. Since the bioactivation of many toxins and toxicants and its consequences on human health are not clearly known, this book offers a quick overview of cellular toxicology through the cell, drug and environmental toxicity. This book does not strive to be comprehensive but instead offers a quick overview of principle aspects of toxins and toxicants in order to familiarize the key principles of toxicology. The book is divided into three main sections; the first one discusses the role of mitochondrial dysfunction, oxidative stress and mitochondrial drug development. The second and third sections bring light to forensic toxicology and drug poisoning followed by environmental toxicity.

⇒ Ausführliche Angaben: HT020307989

Scolari, Baldassare: State Martyr
en. Inhaltliche Zusammenfassung: The politician Aldo Moro was abducted and killed in 1978 by the terrorist organisation the Red Brigades. The media then stylised Moro as a ‘state martyr’. This volume deals with the highly topical question concerning the performativity of this concept in the tension between democratic states and terrorism and reconstructs a crucial phase of post-war policy in Italy on the basis of media sources on the Moro case. What role does a term from Christian antiquity play within modern sociopolitical discourses? What changes has the term ‘martyr’ undergone in European religious and cultural history? On the basis of these questions, this study opens up an interdisciplinary theoretical horizon in order to understand the role of religious motifs in sociopolitical contexts. It brings a central new
dimension to the secularisation debate, which sees secularisation as a new configuration of politics and religion.

⇒ Ausführliche Angaben: HT020307457

**Screpanti, Ernesto: Labour and Value: Rethinking Marx's Theory of Exploitation**


English. Inhaltliche Zusammenfassung: In this book Ernesto Screpanti provides a rigorous examination of Marx’s theory of exploitation, one of the cornerstones of Marxist thought. With precision and clarity, he identifies the holes in traditional readings of Marx’s theory before advancing his own original interpretation, drawing on contemporary philosophy and economic theory to provide a refreshingly interdisciplinary exegesis. Screpanti’s arguments are delivered with perspicuity and verve: this is a book that aims to spark a debate. He exposes ambiguities present in Marx’s exposition of his own theory, especially when dealing with the employment contract and the notions of ‘abstract labor’ and ‘labor value’, and he argues that these ambiguities have given rise to misunderstandings in previous analyses of Marx’s theory of exploitation. Screpanti’s own interpretation is a meticulously argued counterpoint to these traditional interpretations. Labour and Value is a significant contribution to the theory of economics, particularly Marxist economics. It will also be of great interest to scholars in other disciplines including sociology, political science, and moral and political philosophy. Screpanti’s clear and engaging writing style will attract the interested general reader as well as the academic theorist.

⇒ Ausführliche Angaben: HT020309703

**Search and Rescue Robotics - From Theory to Practice**


English. Inhaltliche Zusammenfassung: In the event of large crises (earthquakes, typhoons, floods, ...), a primordial task of the fire and rescue services is the search for human survivors on the incident site. This is a complex and dangerous task, which - too often - leads to loss of lives among the human crisis managers themselves. This book explains how unmanned search can be added to the toolkit of the search and rescue workers, offering a valuable tool to save human lives and to speed up the search and rescue process. The introduction of robotic tools in the world of search and rescue is not straightforward, due to the fact that the search and rescue context is extremely technology-unfriendly, meaning that very robust solutions, which can be deployed extremely quickly, are required. Multiple research projects across the world are tackling this problem and in this book, a special focus is placed on showcasing the results of the European Union ICARUS project on this subject.

⇒ Ausführliche Angaben: HT020309646

**Sebata, Allan: Vegetation**


English. Inhaltliche Zusammenfassung: This book looks at vegetation changes across the world. The use of normalized difference vegetation index, CORINE Land Cover, geographical information systems and remote sensing to monitor vegetation changes is highlighted. Conversion of dense forests into agricultural land, grazing areas or settlements and land cover changes in a Miombo woodland are reported. The role of neotropical forests as carbon pool stores and a reservoir of global biodiversity is explored. Influence of climate on island forest vegetation types, structure and diversity is reported in detail. Restoration of a degraded wildlife corridor through re-establishing native vegetation in India is also documented. Finally, the role of apomixes, a form of asexual reproduction via seed, in propagation of neotropical plants is discussed.

⇒ Ausführliche Angaben: HT020308616

**Seca, Ana M. L / Pinto, Diana Cláudia: Biological Potential and Medical Use of Secondary Metabolites**

eng. Inhaltliche Zusammenfassung: Many macro and micro species, from terrestrial and aquatic environments, produce structurally unique compounds and, in many countries, still are the primary sources of medicines. In fact, secondary metabolites are an important source of chemotherapeutic agents but are also lead compounds for synthetic modification and the optimization of biological activity. Therefore, the exploitation of secondary metabolites, or their inspired synthetic compounds, offers excellent opportunities for the pharmaceutical industry. This Medicines Special Issue focuses on the great potential of secondary metabolites for therapeutic application. The Special Issue contains 16 articles reporting relevant experimental results, and an overview of bioactive secondary metabolites, their biological effects, and new methodologies that improve and accelerate the process of obtained lead compounds with regard to new drug development. We would like to thank all 83 authors, from all over the world, for their valuable contributions to this Special Issue.

⇒ Ausführliche Angaben: HT020307419

Seedorf, Thomas / Schlüter, Andreas / Mommertz, Monika: Tracing the Heroic Through Gender
en. Inhaltliche Zusammenfassung: In nearly all societies and epochs, the heroic is gendered on many levels. However, social and cultural production of the heroic cannot be understood solely through the lens of masculinity, nor does it make sense to regard women or femininity merely as exceptions. Rather, it is important to take the relational character seriously. This volume is the first attempt to employ gender as an analytical category for heroism research. Using diverse approaches from the humanities, gender serves as a tracer of the heroic and as an instrument for examining its historical contexts, its medial and performative manifestations, as well as its temporal cycles and transformations. With the help of the gender category and its attributes, the heroic is reevaluated.

⇒ Ausführliche Angaben: HT020307456

German. Inhaltliche Zusammenfassung: After 1945, new methods and tools for forecasting the future grew out of the dynamic developments that were taking place in science and technology. Conceptions of futures research or futures studies as approaches to forecasting, planning and envisaging the future grew out of transnational circulations of knowledge in the 1950s and 1960s. The futures field was epitomized by the perception of many possible futures to be forecast and shaped. However, during the 1970s, the limits of envisioning the future became increasingly evident. This book as the first comprehensive study on the topic focuses on the futures field in Western industrialized countries - particularly the USA and West Germany - but also takes the socialist states and global networks into its ambit.

⇒ Ausführliche Angaben: HT020309918

Seehra, Mohindar Singh: Magnetic Spinels - Synthesis, Properties and Applications
English. Inhaltliche Zusammenfassung: Magnetic spinels including ferrites are insulating magnetic oxides and chalcogenides with strong coupling to microwave frequencies and low eddy current losses making them indispensable for applications in wireless communications. The 13 chapters and preface of this book discuss other potential applications of magnetic spinels along with various methods used for their synthesis and their varied properties resulting from substituting different metal ions at the A and B sites. These applications include ferrofluids, anticorrosion coatings, absorber coatings for photothermal conversion, biomedicine, and environmental applications such as oxidation of volatile organic compounds and removal of arsenic and heavy metals from water. Emphasis is placed on structure-property correlations and on the nature of magnetism in spinels and their nanoparticles with current information provided for future research.
Seehra, Mohindar Singh: Nanostructured Materials - Fabrication to Applications
English. Inhaltliche Zusammenfassung: There continues to be a worldwide interest in the
size-dependent properties of nanostructured materials and their applications in many diver-
se fields such as catalysis, sensors, energy conversion processes, and biomedicine to name a
few. The eleven chapters of this book written by different researchers include four chapters on
the different methods of fabrication of specific materials followed by characterization of their
properties, and the remaining seven chapters focusing on the fabrications and applications
including three chapters on biomedical applications, two chapters on sensors, one chapter on
solar cells, and one chapter on the use of nanoparticles in herbicides. These chapters provide
up-to-date reviews useful for current and future researchers in these specific areas.

Seelmann, Kurt: Theologie und Jurisprudenz an der Schwelle zur Moder-
ne
durch einen Wandel im Verhältnis zu den vorausgehenden drei Jahrhunderten aus.Während
dem Hochmittelalter von einer starken Juridifizierung der Kirchenverwaltung, der Moral-
theologie und selbst des Erlösungsglaubens gesprochen werden kann, ergibt sich im 16. Jahr-
hundert eine Akzentverschiebung. Zeitgleich mit der Entdeckung neuer Kulturen, dem Beginn
dauerhafter konfessioneller Strettigkeiten und einer die Fesseln des Feudalsystems sprengen-
den Wirtschaftsentwicklung erlebt die Moraltheologie des 16. Jahrhunderts eine Renaissance
der Summa Theologiae des Thomas von Aquin. Ein vom Willen Gottes getrennt denkbares Naturrecht wird als durch Vernunft erkennbar und begründbar behauptet.Seelmann zeigt in
seinem hier publizierten Vortrag, wie Juristen der Zeit diese Entwicklung rezipierten, aber
ebenso von der scotistischen Tradition einer den Willen Gottes über die Vernunft stellen-
den Trennung von Faktizität und Normativität beeinflußt wurden. Aus dieser Kombination
entstand ein stark subjektiviertes und über diese Subjektivierung systematisierbares Natur-
recht.

Segelov, Eva: Advances in the Molecular Understanding of Colorectal Can-
cer
English. Inhaltliche Zusammenfassung: An understanding of the molecular pathogenesis of
colorectal cancer by researchers and clinicians is essential to facilitate progress in improving
patient outcomes in this common cancer that still carries a poor prognosis if not identified
early. This book covers the major areas of importance in the field, incorporating new knowled-
ge that has arisen due to the advancement of molecular techniques and the ability to correlate
molecular changes with clinical behaviour of tumours. Each chapter is a summary written by
experts, concisely summarising current data as well as highlighting potential areas for ad-
vancement. Appreciating the differences between tumours on a molecular level is the key to
developing and delivering precision medicine, and nowhere is this more critically required
than in the field of colorectal cancer.

Seicean, Andrada: Challenges in Pancreatic Pathology
English. Inhaltliche Zusammenfassung: The assessment of the pancreas is a challenging pro-
blem because it has a profound location and it often presents difficulties in diagnosis and
treatment. Despite many efforts in dealing with pancreatic diseases, the pathogenesis is not
completely understood, the symptoms and imaging methods are unspecific, and the treatment
possibilities are sometimes very limited. The major purpose of this book is to offer the reader a better understanding of the challenging aspects in pancreatic pathology, starting with anatomy and following with different pancreatic pathology. More space is allotted to pancreatic cancer, including surgical procedures, and to the management of the cystic lesions of the pancreas. This book is meant to provide a thorough guide for the best approaches in some of the difficult problems in pancreatology.

⇒ Ausführliche Angaben: HT020308232

Seifert, Roger / Ironside, Mike: Industrial Relations in Schools
1995. 1 electronic resource ( pages). ISBN 9780203989678, ISBN 9781138159136, ISBN 97804150508080, ISBN 9781134893669, ISBN 9781134893614 English. Inhaltliche Zusammenfassung: The subject of industrial relations is intimately connected with the nature of schooling - in particular, the teacher trade unions have played and will continue to play a crucial role in shaping the school system - yet this subject has been virtually neglected in educational literature. Mike Ironside and Roger Seifert’s book redresses this balance and unravels the complex issues surrounding the employment and management of teachers. Recent changes in education have had massive implications for the way in which our education system is organised. In the light of recent events, this book questions who controls or ought to control schools, focusing on the government, Department of Education, LEAs, head teachers, school governors, parents and teaching unions. The authors argue that in order for schools to continue to function, industrial relations must be given priority, including the development of a proper framework for negotiation and the resolution of conflicts.

⇒ Ausführliche Angaben: HT020310227

Sekkin, Selim: Livestock Science
2017. 1 electronic resource (162 pages). ISBN 9789535128632, ISBN 9789535128649 English. Inhaltliche Zusammenfassung: There has been a great increase in the consumption of animal products. The intention of agricultural activities is to provide safety and adequate food by respecting the environment. Although many questions are being raised concerning the sustainability of the world’s food-animal agricultural resources. This book presents some in-depth reviews of selected topics in livestock science written by experts in their respective areas. The book is divided into eight chapters, consisting of topics in food-animal production systems, management of several animal products, health-threaten example by ticks in animals, and contaminants that may be found in animal foods. We hope that a wide variety of scientists, researchers, and others may benefit from this book.

⇒ Ausführliche Angaben: HT020308126

Seligmann, Herve: DNA Replication - Current Advances
2011. 1 electronic resource (710 pages). ISBN 9789533075938 English. Inhaltliche Zusammenfassung: The study of DNA advanced human knowledge in a way comparable to the major theories in physics, surpassed only by discoveries such as fire or the number zero. However, it also created conceptual shortcuts, beliefs and misunderstandings that obscure the natural phenomena, hindering its better understanding. The deep conviction that no human knowledge is perfect, but only perfectible, should function as a fair safeguard against scientific dogmatism and enable open discussion. With this aim, this book will offer to its readers 30 chapters on current trends in the field of DNA replication. As several contributions in this book show, the study of DNA will continue for a while to be a leading front of scientific activities.

⇒ Ausführliche Angaben: HT020307745

Seligmann, Hervé: Mitochondrial DNA - New Insights
Selinger, Michelle / Murphy, Patricia / Briggs, Mary: Subject Learning in the Primary Curriculum
English. Inhaltliche Zusammenfassung: The emphasis on subject knowledge in primary curricula is a world-wide phenomenon and has become increasingly the focus of attention in England, with the introduction of the National Curriculum and the appointment of subject co-ordinators in schools. Yet what exactly constitutes a subject and its practice remains controversial. The book is organised into five parts. Part one examines the general aims of primary education, in order to give a background for a more detailed exploration of UK curriculum development. Parts two, three and four examine the core subjects of Eng. science and mathematics, whilst constantly bearing in mind the full range of views about the purpose of education and the nature of knowledge. Part five introduces key debates about approaches to knowledge, and raises issues about the future organisation of the curriculum. Subject Learning in the Primary Curriculum is the OU reader for Module 832, Teaching and Learning in the Primary Core Curriculum in the MA in Education.
⇒ Ausführliche Angaben: HT020310130

Semmler, Will: Monetary Policy and Unemployment
English. Inhaltliche Zusammenfassung: This book pulls together papers presented at a conference in honour of the 1981 Nobel Prize Winner for Economic Science, the late James Tobin. Among the contributors are Olivier Blanchard, Edmund Phelps, Charles Goodhart and Marco Buti. One of the main aims of the conference was to discuss what potential role monetary policy has on economic activity and unemployment reduction in three key currency zones - the United States, European Union and Japan.
⇒ Ausführliche Angaben: HT020310184

Sempere, Lorenzo F.: MicroRNA as Biomarkers in Cancer Diagnostics and Therapy
eng. Inhaltliche Zusammenfassung: This Special Issue celebrates the 25th anniversary of the discovery of the first microRNA. The size of the microRNome and complexity of animal body plans and organ systems suggests a role for microRNAs in cell fate determination and differentiation. More than 2000 sequences have been proposed to represent unique microRNA genes in humans, with an increasing number of mechanistic roles identified in developmental, physiological, and pathological processes. Thus, dysregulation of a few key microRNAs can have a profound global effect on the gene expression and molecular programs of a cell. This great potential for clinical intervention has captured the interest and imagination of researchers in many fields. However, very few fields have been as prolific as the field of cancer research. This Special Issue provides but a glimpse of the large body of literature of microRNA biology in cancer research, containing 4 original research studies and 4 review articles that focus on specific hematologic or solid tumors in disease. Collectively, these articles highlight state-of-the-art approaches and methodologies for microRNA detection in tissue, blood, and other body fluids in a range of biomarkers applications, from early cancer detection to prognosis and treatment response. The articles also address some of the challenges regarding clinical implementation.
⇒ Ausführliche Angaben: HT020307428

Sen, Jaydip: Advances in Security in Computing and Communications
English. Inhaltliche Zusammenfassung: In the era of Internet of Things (IoT) and with the explosive worldwide growth of electronic data volume, and associated need of processing,
analysis, and storage of such humongous volume of data, several new challenges are faced in protecting privacy of sensitive data and securing systems by designing novel schemes for secure authentication, integrity protection, encryption, and non-repudiation. Lightweight symmetric key cryptography and adaptive network security algorithms are in demand for mitigating these challenges. This book presents some of the state-of-the-art research work in the field of cryptography and security in computing and communications. It is a valuable source of knowledge for researchers, engineers, practitioners, graduates, and doctoral students who are working in the field of cryptography, network security, and security and privacy issues in the Internet of Things (IoT). It will also be useful for faculty members of graduate schools and universities.

⇒ Ausführliche Angaben: HT020308361

**Sen, Jaydip: Cloud Computing - Architecture and Applications**
English. Inhaltliche Zusammenfassung: In the era of Internet of Things and with the explosive worldwide growth of electronic data volume, and associated need of processing, analysis, and storage of such humongous volume of data, it has now become mandatory to exploit the power of massively parallel architecture for fast computation. Cloud computing provides a cheap source of such computing framework for large volume of data for real-time applications. It is, therefore, not surprising to see that cloud computing has become a buzzword in the computing fraternity over the last decade. This book presents some critical applications in cloud frameworks along with some innovation design of algorithms and architecture for deployment in cloud environment. It is a valuable source of knowledge for researchers, engineers, practitioners, and graduate and doctoral students working in the field of cloud computing. It will also be useful for faculty members of graduate schools and universities.

⇒ Ausführliche Angaben: HT020308301

**Sen, Jaydip: Internet of Things - Technology, Applications and Standardization**
English. Inhaltliche Zusammenfassung: The term Internet of Things (IoT) refers to an ecosystem of interconnected physical objects and devices that are accessible through the Internet and can communicate with each other. The main strength of the IoT vision is the high impact it has created and will continue to do so on several aspects of the everyday life and behavior of its potential users. This book presents some of the state-of-the-art research work in the field of the IoT, especially on the issues of communication protocols, interoperability of protocols and semantics, trust security and privacy issues, reference architecture design, and standardization. It will be a valuable source of knowledge for researchers, engineers, practitioners, and graduate and doctoral students who are working in various fields of the IoT. It will also be useful for faculty members of graduate schools and universities.

⇒ Ausführliche Angaben: HT020308891

**Sen, Kalyan Kumar / Maiti, Sabyasachi: Advanced Technology for Delivering Therapeutics**
English. Inhaltliche Zusammenfassung: The goal of any novel drug delivery system is to provide therapeutic benefits to the patients by increasing duration of drug action, reducing dosing frequency, and controlling drug release rate at the target site, thereby reducing unwanted side effects. Advanced Technology for Delivering Therapeutics is a reference book that covers recent developments in the field of drug delivery science and technology. The purpose of this book is to bring together descriptions of some selective technologies including new and promising nanotechnology currently being investigated for drug delivery applications. This book is a useful source of information for graduate and post-graduate students of pharmacy and biomedical science; pharmaceutical and other researchers involved in designing newer drug delivery systems both in academia and industry.

⇒ Ausführliche Angaben: HT020308255
Senft, Florian: Kommunikationstechnische Optimierung eines energieautarken funkbasierten Sensorkonzepts
German. Inhaltliche Zusammenfassung: In this bachelor thesis, an existing wireless sensor concept was examined with regard to software optimization possibilities. First, the application possibilities of such sensor systems in the existing maintenance strategies were described. Subsequently, an analysis of the previous sensor concept was carried out, on the basis of which an alternative concept to communication optimisation was realised with the existing hardware. By replacing the previously used application protocol HTTP with the lightweight MQTT, an alternative sensor concept was created. In addition, a measurement concept was developed to determine the transmission time, which allows a comparison with the existing sensor concept. It was thus possible to evaluate the extent to which the objective had been achieved.

⇒ Ausführliche Angaben: HT020309801

Seng, Daniel / Mason, Stephen: Electronic Evidence
eng. Inhaltliche Zusammenfassung: In this updated edition of the well-established practitioner text, Stephen Mason and Daniel Seng have brought together a team of experts in the field to provide an exhaustive treatment of electronic evidence. This fourth edition continues to follow the tradition in English evidence text books by basing the text on the law of England and Wales, with appropriate citations of relevant case law and legislation from other jurisdictions. Stephen Mason (of the Middle Temple, Barrister) is a leading authority on electronic evidence and electronic signatures, having advised global corporations and governments on these topics. He is also the author of Electronic Signatures in Law and editor of International Electronic Evidence, founding the innovative international open access journal Digital Evidence and Electronic Signatures Law Review in 2004. Stephen is an IALS Associate Research Fellow and Visiting Lecturer at the School of Law, University of Tartu, Estonia.

⇒ Ausführliche Angaben: HT020309723

Senormanci, Güliz: Cognitive Behavioral Therapy and Clinical Applications
English. Inhaltliche Zusammenfassung: The main purpose of this book is to be useful in daily practice to clinicians, including less-discussed subjects that are frequently encountered in practice. For this, it was aimed to explain the formulation of the disorder in light of the basic CBT model in each chapter and then to present the treatment approach of the disorder with case examples. We believe that the case examples, which came from the authors own practices, are the strength of the book.

⇒ Ausführliche Angaben: HT020308633

Senturk, Murat: Enzyme Inhibitors and Activators
English. Inhaltliche Zusammenfassung: Over the recent years, medicinal chemistry has become responsible for explaining interactions of chemical molecule processes such that many scientists in the life sciences from agronomy to medicine are engaged in medicinal research. This book contains an overview focusing on the research area of enzyme inhibitor and activator, enzyme-catalyzed biotransformation, usage of microbial enzymes, enzymes associated with programmed cell death, natural products as potential enzyme inhibitors, protease inhibitors from plants in insect pest management, peptidases, and renin-angiotensin system. The book provides an overview on basic issues and some of the recent developments in medicinal science and technology. Especially, emphasis is devoted to both experimental and theoretical aspect of modern medicine. The primary target audience for the book includes students, researchers, chemists, molecular biologists, medical doctors, pharmacologists, and professionals.
who are interested in associated areas. The textbook is written by international scientists with expertise in biochemistry, enzymology, molecular biology, and genetics, many of which are active in biochemical and pharmacological research. I would like to acknowledge the authors for their contribution to the book. We hope that the textbook will enhance the knowledge of scientists in the complexities of some medical approaches; it will stimulate both professionals and students to dedicate part of their future research in understanding relevant mechanisms and applications of pharmacology.

⇒ Ausführliche Angaben: HT020308203

**Seo, Jung-Hun: Wide Bandgap Semiconductor Based Micro/Nano Devices**
eng. Inhaltliche Zusammenfassung: While group IV or III-V based device technologies have reached their technical limitations (e.g., limited detection wavelength range or low power handling capability), wide bandgap (WBG) semiconductors which have band-gaps greater than 3 eV have gained significant attention in recent years as a key semiconductor material in high-performance optoelectronic and electronic devices. These WBG semiconductors have two definitive advantages for optoelectronic and electronic applications due to their large bandgap energy. WBG energy is suitable to absorb or emit ultraviolet (UV) light in optoelectronic devices. It also provides a higher electric breakdown field, which allows electronic devices to possess higher breakdown voltages. This Special Issue seeks research papers, short communications, and review articles that focus on novel synthesis, processing, designs, fabrication, and modeling of various WBG semiconductor power electronics and optoelectronic devices.

⇒ Ausführliche Angaben: HT020307441

**Sequeira, Tiago Neves: Immigration and Development**
English. Inhaltliche Zusammenfassung: This book deals with several issues linking immigration and social development. Following several approaches, from economic to sociological ones, it covers the many effects of the rising phenomenon of immigration. It deals with the effects of immigration on economic growth, on human capital accumulation, and on the government budget. Moreover, it also includes contributions on the social integration of immigrants and on the effects they have in some different cities. It covers studies in countries such as Norway, the USA, Romania, and South Africa. The book Immigration and Development is an essential reading for those who want to get a social sciences multidisciplinary approach to immigration as a social phenomenon.

⇒ Ausführliche Angaben: HT020308570

**Serdaroglu, Server / Kutlubay, Zekai: Hair and Scalp Disorders**
English. Inhaltliche Zusammenfassung: This textbook contains the latest advances and scientific knowledge from the leading experts in hair biology, hair disorders, and clinical trichology. The book consists of ten sections in which hair biology, hair genetics, hair diagnostics, hair loss types, pathogenesis, treatment options, and restoration techniques are discussed. This book also emphasizes on various genetic and nongenetic alopecia types, differential diagnosis, and the measurement of hair loss. One chapter of the book is devoted to natural products for hair care and treatment. We believe that this textbook will serve as a comprehensive guide to many physicians dealing with hair disorders in their clinical practice.

⇒ Ausführliche Angaben: HT020308246

**Serdev, Nikolay: Botulinum Toxin**
English. Inhaltliche Zusammenfassung: The aim of this book is to ensure a safe understanding and use of botulinum toxin in medicine. Known indications, contraindications, diversity, comparative effects between subtypes, limits, allergies, treatments, adverse reactions, non-responsiveness, and new investigations will be described. Botulinum toxin can be currently used in nearly every specialty. The main areas in this book are cosmetics and dermatology.
as well as dentistry, urology, masseter hypertrophy, chronic pain treatment, and others. The important aim is formation of the knowledge of anatomy, muscles to be treated and their function, risk factors, brand names, associations with operations, and other treatments.

⇒ Ausführliche Angaben: HT020309165

Serdev, Nikolay P.: Body Contouring and Sculpting
English. Inhaltliche Zusammenfassung: Over the past decades, surgical techniques have greatly progressed to improve and correct appearance. They are artistic procedures to give the highly demanded proportions. The growing public interest in aesthetic and plastic surgery interventions such as body contouring and sculpting requires clear description and differentiation of these highly sophisticated techniques, their results and combinations, as well as scientific information about the different instrumentation, devices and materials used. Such clarification will be hugely beneficial both for patients and doctors, having in mind the increasing number of such interventions and progressing interest for a better and healthy living including improved appearance in society. The book adds some scientific news to the understanding of body contouring treatments. Currently, the request for atraumatic, short downtime procedures predominates and demonstrates the importance of hi-tech and safe liposculpture and fat transfer, although they cannot totally replace surgical excision methods.

⇒ Ausführliche Angaben: HT020308105

Sergio, Giuseppe / Prada, Massimo: Italiani di Milano
Italian. Inhaltliche Zusammenfassung: Quella che si presenta in questo volume è una raccolta di studi dedicata a Silvia Morgana e una collettanea intitolata a Milano: a Silvia Morgana come maestra e intellettuale; a Milano come luogo del cuore, dell’anima e di un impegno scientifico, didattico e culturale cui la studiosa tiene fede da molti anni. Si tratta, dunque, di una miscellanea che vuole essere il luogo in cui si condensa, simbolicamente e tangibilmente, una ’ e una rispondenza di interessi consolidati in anni di lavoro comune e di prossimità spirituale; una raccolta dedicata alla “sua” città con la quale gli alievi testimoniano il loro affetto e la loro riconoscenza per un magistero insuperato; e con la quale gli amici e i colleghi celebrano una ricchezza di umanità e una profondità di interessi incomparabili.

⇒ Ausführliche Angaben: HT020310403

Serra, Ginalber Luiz de Oliveira: Kalman Filters - Theory for Advanced Applications
English. Inhaltliche Zusammenfassung: This book presents recent issues on theory and practice of Kalman filters, with a comprehensive treatment of a selected number of concepts, techniques, and advanced applications. From an interdisciplinary point of view, the contents from each chapter bring together an international scientific community to discuss the state of the art on Kalman filter-based methodologies for adaptive/distributed filtering, optimal estimation, dynamic prediction, nonstationarity, robot navigation, global navigation satellite systems, moving object tracking, optical communication systems, and active power filters, among others. The theoretical and methodological foundations combined with extensive experimental explanation make this book a reference suitable for students, practicing engineers, and researchers in sciences and engineering.

⇒ Ausführliche Angaben: HT020308585

Serra, Pier Andrea: Biosensors
English. Inhaltliche Zusammenfassung: A biosensor is defined as a detecting device that combines a transducer with a biologically sensitive and selective component. When a specific target molecule interacts with the biological component, a signal is produced, at transducer level, proportional to the concentration of the substance. Therefore biosensors can measure
compounds present in the environment, chemical processes, food and human body at low cost if compared with traditional analytical techniques. Bringing together researchers from 11 different countries, this book covers a wide range of aspects and issues related to biosensor technology, such as biosensor applications in the fields of drug discovery, diagnostics and bacteria detection, optical biosensors, biotelemetry and algorithms applied to biosensing.

⇒ Ausführliche Angaben: HT020307667

Serra, Pier Andrea: Biosensors for Health, Environment and Biosecurity
English. Inhaltsverzeichnis: A biosensor is a detecting device that combines a transducer with a biologically sensitive and selective component. Biosensors can measure compounds present in the environment, chemical processes, food and human body at low cost if compared with traditional analytical techniques. This book covers a wide range of aspects and issues related to biosensor technology, bringing together researchers from 16 different countries. The book consists of 24 chapters written by 76 authors and divided in three sections: Biosensors Technology and Materials, Biosensors for Health and Biosensors for Environment and Biosecurity.

⇒ Ausführliche Angaben: HT020307731

Serra, Pier Andrea: Biosensors - Emerging Materials and Applications
English. Inhaltsverzeichnis: A biosensor is a detecting device that combines a transducer with a biologically sensitive and selective component. Biosensors can measure compounds present in the environment, chemical processes, food and human body at low cost if compared with traditional analytical techniques. This book covers a wide range of aspects and issues related to biosensor technology, bringing together researchers from 19 different countries. The book consists of 27 chapters written by 106 authors and divided in three sections: Biosensors Technology and Materials, Biosensors for Health and Biosensors for Environment and Biosecurity.

⇒ Ausführliche Angaben: HT020307730

Serra-Olivares, Jaime: Sport Pedagogy - Recent Approach to Technical-Tactical Alphabetization
English. Inhaltsverzeichnis: There are several teaching sports approaches for school-age sports practitioners. However, relatively few models have a substantial theoretical and scientific foundation. In this sense, the present work aims to serve as an introduction on which to support the didactical process of a Non-Linear Pedagogy of games teaching, as described in the first chapter. A comparison between the traditional approach of sports teaching and the Teaching Games for Understanding model within the Slovak Republic context is exposed. Subsequently, experience in the Sport Education model in Finland is presented. Then, research regarding teachers experiences with the Cooperative Learning model at different ethnic, cultural, and socioeconomic backgrounds is developed. Finally, an example of the Non-Linear Pedagogy program is used in Malaysia.

⇒ Ausführliche Angaben: HT020309054

Seto, Jong: Advanced Topics in Biomineralization
English. Inhaltsverzeichnis: Advanced Topics in Biomineralization is a compendium of current topics focusing on processes of formation, organization, as well as mineralization of novel structural materials. From enchondral ossification to the application of biomineralized cement, the subject of biomineralization encompasses a range of diverse disciplines including molecular biology, supramolecular chemistry, materials science and engineering. A common theme in all these areas of research in biomineralization is the ability to utilize strategies from Nature to create functional materials. By understanding Natures tools to make strong and tough materials, similar properties can be endowed into man-made materials in the near future.
Sevgiler, Yusuf / Guven, Celal / Taskin, Eylem: Mitochondrial Diseases
English. Inhaltliche Zusammenfassung: Mitochondria are crucial organelles for any cell type. Mitochondria take responsibility for not only energy production but also regulation of cell death, also called apoptosis; calcium storage; and heat production. Therefore, mitochondrial disease is implicated in the mode of action of many harmful factors for cells such as drugs and environmental contaminants, dysfunction of the oxygen transport system, malnutrition, intense exercise, and genetic variations. This book presents up-to-date knowledge about mitochondrial disease and its complex relation to some diseases such as cardiac failure, cancer, and Alzheimers and Parkinsons diseases. This book will, therefore, be essential for readers who are interested in life sciences, especially in medicine.

Sezer, Ali Demir: Application of Nanotechnology in Drug Delivery
English. Inhaltliche Zusammenfassung: This book collects reviews and original articles from eminent experts working in the interdisciplinary arena of nanotechnology use in drug delivery. From their direct and recent experience, the readers can achieve a wide vision on the new and ongoing potentialities of nanotechnology application of drug delivery. Since the advent of analytical techniques and capabilities to measure particle sizes in nanometer ranges, there has been tremendous interest in the use of nanoparticles for more efficient methods of drug delivery. On the other hand, this reference discusses advances in design, optimization, and adaptation of gene delivery systems for the treatment of cancer, cardiovascular, pulmonary, genetic, and infectious diseases, and considers assessment and review procedures involved in the development of gene-based pharmaceuticals.

Sezer, Ali Demir: Recent Advances in Novel Drug Carrier Systems
English. Inhaltliche Zusammenfassung: This contribution book collects reviews and original articles from eminent experts working in the interdisciplinary arena of novel drug delivery systems and their uses. From their direct and recent experience, the readers can achieve a wide vision on the new and ongoing potentialities of different drug delivery systems. Since the advent of analytical techniques and capabilities to measure particle sizes in nanometer ranges, there has been tremendous interest in the use of nanoparticles for more efficient methods of drug delivery. On the other hand, this reference discusses advances in the design, optimization, and adaptation of gene delivery systems for the treatment of cancer, cardiovascular, pulmonary, genetic, and infectious diseases, and considers assessment and review procedures involved in the development of gene-based pharmaceuticals.

Sglavo, Vincenzo M.: Advances in Glass Science and Technology
English. Inhaltliche Zusammenfassung: In this book, some recent advances in glass science and technology are collected. In the first part, the structure and crystallization of innovative glass compositions are analysed. In the second part, innovative applications are described from the use of glass in optical devices and lasers to fibres in composites, micropatterned components in sensors and microdevices, beads in building walls and sealing in solid oxide fuel cells.

Shad, Kaneez Fatima: Ion Channels in Health and Sickness
English. Inhaltliche Zusammenfassung: Ion channels are proteins that make pores in the membranes of excitable cells present both in the brain and the body. These cells are not only
responsible for converting chemical and mechanical stimuli into the electrical signals but are also liable for monitoring vital functions. All our activities, from the blinking of our eyes to the beating of our heart and all our senses from smell to sight, touch, taste and hearing are regulated by the ion channels. This book will take us on an expedition describing the role of ion channels in congenital and acquired diseases and the challenges and limitations scientists are facing in the development of drugs targeting these membrane proteins.

Shad, Kaneez Fatima: Serotonin - A Chemical Messenger Between All Types of Living Cells
English. Inhaltsübersicht: Serotonin - A Chemical Messenger Between All Types of Living Cells is a very interesting book on the most ancient neurotransmitter, hormone and trophic factor serotonin or 5-hydroxytryptamine (5-HT). This unique chemical is present in all living cells including plants and animals. This book will take us through a serene journey of the evolutionary history of serotonin and its role from man to mollusk. There are many interesting chapters incorporated in this book, including novel approaches for detecting minor metabolites of serotonin in human plasma, production and function of serotonin in cardiac cells, immuno-thrombotic effects of serotonin in platelets to the identification and localization of serotonin in the nervous system and gonad of bivalve mollusks.

English. Inhaltsübersicht: In the era of the Internet of Things and Big Data, Cloud Computing has recently emerged as one of the latest buzzwords in the computing industry. It is the latest evolution of computing, where IT resources are offered as services. Cloud computing provides on-demand, scalable, device-independent, and reliable services to its users. The exponential growth of digital data bundled with the needs of analysis, processing and storage, and cloud computing has paved the way for a cheap, secure, and omnipresent computing framework allowing for the delivery of enormous computing and storage capacity to a diverse community of end-recipients. Clouds are distributed technology platforms that leverage sophisticated technology innovations to provide highly scalable and resilient environments that can be remotely utilized by organizations in a multitude of powerful ways. The term cloud is often used as a metaphor for the Internet and can be defined as a new type of utility computing that basically uses servers that have been made available to third parties via the Internet.

Shahat, Adel El: Electrical Resistivity and Conductivity
English. Inhaltsübersicht: Motivated by the importance of electrical resistivity and conductivity, important experts in this field grasp most recent researches in this book. It addresses recent advances in electrical resistivity and conductivity modeling, measurement, estimation and sensing methods and implications. This book introduces innovative case studies for Electrical Resistivity Sensing Methods and Implications, Resistivity Model of Frozen Soil and High-Density Resistivity Method for Exploration of Discontinuous Permafrost, Measurement of Electrical Resistivity for Unconventional Structures, Estimation of Hydrological Parameters from Geoelectric Measurements and Assessment of Cryoprotectant Concentration by Electrical Conductivity Measurement and Its Applications in Cryopreservation. These recent advances are well prepared and presented in six chapters. These chapters are carefully selected to reflect current variable techniques, new concepts and methods related to the books topic from different perspectives.

Shahid, Imran: Hepatitis C - From Infection to Cure
English. Inhaltliche Zusammenfassung: The propagation of hepatitis C from acute to chronic infection and afterward to end-stage liver diseases (hepatic fibrosis, cirrhosis, and hepatocellular carcinoma) involves a highly orchestrated series of molecular and cellular events, including a plethora of genes and cell signaling cascades. The treatment paradigms was revolutionized after the development and approval of all oral interferon-free direct-acting antivirals achieving higher sustained virologic response rates in treated individuals. This book pragmatically overviews the intricate interplay between viral and host factors during hepatitis C virus infection progression, as well as other hepatitis C-associated clinical implications. Hepatitis C - From Infection to Cure also provides up-to-date information about hepatitis C cures for clinicians, physicians, and healthcare providers with an ample understanding of the current treatment horizon, as well as other investigational and emerging treatment strategies. The authors with their valuable scientific contributions belong to many eminent institutes around the world and are much experienced in hepatitis C virology, pathology, and therapeutics.

⇒ Ausführliche Angaben: HT020309048

**Shahzad, Aamir: Impact of Thermal Conductivity on Energy Technologies**  
English. Inhaltliche Zusammenfassung: This book is intended to provide a deep understanding on the advanced treatments of thermal properties of materials through experimental, theoretical, and computational techniques. This area of interest is being taught in most universities and institutions at the graduate and postgraduate levels. Moreover, the increasing modern technical and social interest in energy has made the study of thermal properties more significant and exciting in the recent years. This book shares with the international community a sense of global motivation and collaboration on the subject of thermal conductivity and its wide spread applications in modern technologies. This book presents new results from leading laboratories and researchers on topics including materials, thermal insulation, modeling, steady and transient measurements, and thermal expansion. The materials of interest range from nanometers to meters, bringing together ideas and results from across the research field.

⇒ Ausführliche Angaben: HT020308954

**Shahzad, Hafiz Naveed: Neoplasm**  
English. Inhaltliche Zusammenfassung: Neoplasm refers to an abnormal tissue growth that arises as a consequence of rapid cell proliferation and continues to grow abnormally even after terminating the stimuli that had instigated the change. It lacks partial or complete functional coordination with that of the normal tissues. Neoplasms are classified depending on the degree and type of tissues involved. Carcinogenesis is a multistep process where a plethora of endogenous and exogenous factors turns out genetic and epigenetic modifications, which collectively amend some critical cellular pathways controlling the proliferation, apoptosis, and differentiation. The cells having aberrant modifications are transformed into malignant ones of which the clonal expansion results in the development of cancer. This book provides the reader with a comprehensive overview of various cancer types along with their molecular mechanisms of initiation and progression. It also describes the current knowledge about the state-of-the-art measures being employed in cancer diagnosis and therapeutics. Particular attention is paid to make this book equally useful for students, practitioners, and expert scientists.

⇒ Ausführliche Angaben: HT020308991

**Shaikh, Nissar: Intensive Care**  
English. Inhaltliche Zusammenfassung: The book Intensive Care is composed of ten chapters, which are the day-to-day practice diagnosis as well as rare disease and pediatric sepsis. It is written very well by the experts from the respective fields. We are sure and confident that this book will not only help the critical care physicians but also help acute care physicians, general practitioners, surgeons, and paramedical critical, intensive care, and acute care staff.

⇒ Ausführliche Angaben: HT020308357
Shalaby, Emad A.: Biological Activities and Application of Marine Polysaccharides
English. Inhaltliche Zusammenfassung: Marine organisms have been under research for the last decades as a source for different active compounds with various biological activities and application in agriculture, pharmacy, medicine, environment, and industries. Marine polysaccharides from these active compounds are used as antibacterial, antiviral, antioxidant, anti-inflammation, bioremediations, et cetera. During the last three decades, several important factors that control the production of phytoplankton polysaccharides have been identified such as chemical concentrations, temperature, light, et cetera. The current book includes 14 chapters contributed by experts around the world; the chapters are categorized into three sections: Marine Polysaccharides and Agriculture, Marine Polysaccharides and Biological Activities, and Marine Polysaccharides and Industries.
⇒ Ausführliche Angaben: HT020309629

Shallik, Nabil A.: Pain Management in Special Circumstances
English. Inhaltliche Zusammenfassung: Like management of disease, management of pain is as old as the human race. When patients come to us with their pain, they present us with a wonderful opportunity: the chance to understand them, to understand how their pain is affecting their lives, the challenge of discovering what is causing their pain, and finally the opportunity to prescribe medications and lifestyle changes to help them gain relief from their pain. It is hoped that this book will provide the latest evidence-based updates on pain management in special circumstances and will serve as a ready reference for those embarking on pain management. Its intent is not to be a heavy book that can only be stored on a bookshelf, but a pocket-sized reference that can be carried, be easily navigated, and be available whenever a conceptual gap compromises pain physicians and their ability to treat their patients.
⇒ Ausführliche Angaben: HT020309123

Shamsuzzoha, Mohammad: PID Control for Industrial Processes
English. Inhaltliche Zusammenfassung: PID Control for Industrial Processes presents a clear, multidimensional representation of proportional - integral - derivative (PID) control for both students and specialists working in the area of PID control. It mainly focuses on the theory and application of PID control in industrial processes. It incorporates recent developments in PID control technology in industrial practice. Emphasis has been given to finding the best possible approach to develop a simple and optimal solution for industrial users. This book includes several chapters that cover a broad range of topics and priority has been given to subjects that cover real-world examples and case studies. The book is focused on approaches for controller tuning, that is, method bases on open-loop plant tests and closed-loop experiments.
⇒ Ausführliche Angaben: HT020308963

Shan, Jie / Hyypä, Juha: Advances in Airborne Lidar Systems and Data Processing
⇒ Ausführliche Angaben: HT020307451

Shanker, Arun / Venkateswarlu, B.: Abiotic Stress in Plants - Mechanisms and Adaptations
English. Inhaltliche Zusammenfassung: World population is growing at an alarming rate and is anticipated to reach about six billion by the end of year 2050. On the other hand, agricultural productivity is not increasing at a required rate to keep up with the food demand. The
reasons for this are water shortages, depleting soil fertility and mainly various abiotic stresses. The fast pace at which developments and novel findings that are recently taking place in the cutting edge areas of molecular biology and basic genetics, have reinforced and augmented the efficiency of science outputs in dealing with plant abiotic stresses. In depth understanding of the stresses and their effects on plants is of paramount importance to evolve effective strategies to counter them. This book is broadly divided into sections on the stresses, their mechanisms and tolerance, genetics and adaptation, and focuses on the mechanic aspects in addition to touching some adaptation features. The chief objective of the book hence is to deliver state of the art information for comprehending the nature of abiotic stress in plants. We attempted here to present a judicious mixture of outlooks in order to interest workers in all areas of plant sciences.

⇒ Ausführliche Angaben: HT020307779

**Shanker, Arun / Venkateswarlu, B.: Abiotic Stress Response in Plants - Physiological, Biochemical and Genetic Perspectives**

English. Inhaltliche Zusammenfassung: Plants, unlike animals, are sessile. This demands that adverse changes in their environment are quickly recognized, distinguished and responded to with suitable reactions. Drought, heat, cold and salinity are among the major abiotic stresses that adversely affect plant growth and productivity. In general, abiotic stress often causes a series of morphological, physiological, biochemical and molecular changes that unfavorably affect plant growth, development and productivity. Drought, salinity, extreme temperatures (cold and heat) and oxidative stress are often interrelated; these conditions singularly or in combination induce cellular damage. To cope with abiotic stresses, of paramount significance is to understand plant responses to abiotic stresses that disturb the homeostatic equilibrium at cellular and molecular level in order to identify a common mechanism for multiple stress tolerance. This multi authored edited compilation attempts to put forth an all-inclusive biochemical and molecular picture in a systems approach wherein mechanism and adaptation aspects of abiotic stress are dealt with. The chief objective of the book hence is to deliver state of the art information for comprehending the effects of abiotic stress in plants at the cellular level.

⇒ Ausführliche Angaben: HT020307764

**Shanker, Chitra / Shanker, Arun K.: Abiotic and Biotic Stress in Plants - Recent Advances and Future Perspectives**

English. Inhaltliche Zusammenfassung: The impact of global climate change on crop production has emerged as a major research priority during the past decade. Understanding abiotic stress factors such as temperature and drought tolerance and biotic stress tolerance traits such as insect pest and pathogen resistance in combination with high yield in plants is of paramount importance to counter climate change related adverse effects on the productivity of crops. In this multi-authored book, we present synthesis of information for developing strategies to combat plant stress. Our effort here is to present a judicious mixture of basic as well as applied research outlooks so as to interest workers in all areas of plant science. We trust that the information covered in this book would bridge the much-researched area of stress in plants with the much-needed information for evolving climate-ready crop cultivars to ensure food security in the future.

⇒ Ausführliche Angaben: HT020308004

**Shanker, Chitra / Shanker, Arun K. / Rao, Ch Srinivasa: Climate Resilient Agriculture - Strategies and Perspectives**

English. Inhaltliche Zusammenfassung: The changing climatic scenario has affected crop production in the adverse ways, and the impact of it on agriculture is now emerging as a major priority among crop science researchers. Agriculture in this changing climatic scenario faces multiple diverse challenges due to a wide array of demands. Climate-resilient agriculture is
the need of the hour in many parts of the world. Understanding the adverse effects of climatic change on crop growth and development and developing strategies to counter these effects are of paramount importance for a sustainable climate-resilient agriculture. This multiauthored edited book brings out sound climate-resilient agriculture strategies that have a strong basic research foundation. We have attempted to bridge information from various diverse agricultural disciplines, such as soil science, agronomy, plant breeding, and plant protection, which can be used to evolve a need-based technology to combat the climatic change in agriculture.

⇒ Ausführliche Angaben: HT020308617

Shapiro, Nina / Mott, Tracy: Rethinking Capitalist Development
English. Inhaltliche Zusammenfassung: This collection honours the work of the eminent economist Josef Steindl. Steindls work is illuminated through a critical appraisal of its central constructs with a focus on its relevance to current economic conditions. This collection charts the thinking of one of the leading economic theorists of the twentieth century.

⇒ Ausführliche Angaben: HT020310150

Sharif, Umar / Shah, Mohammad Manjur: Insect Science-Diversity, Conservation and Nutrition
English. Inhaltliche Zusammenfassung: The book discusses the recent advances in basic and applied approaches including research on the genetics of insects, its application in resolving the consequences of world population growth, its impact on agriculture, and control strategies and their implications on the fast-depleting insect resources. The application of insects as a probable nutrient substitute along with the role of sex hormones among insects has been thoroughly discussed. The entire book basically contains five chapters spread over two sections: Section I mainly focuses on diversity, conservation and nutrition, while Section II is concerned with economic importance and up-to-date information on the role of peptides. The book is well illustrated with diagrams, graphical representations and flow charts for easy understanding the important information discussed in the book.

⇒ Ausführliche Angaben: HT020308842

Sharkov, Evgenii: Tectonics - Recent Advances
English. Inhaltliche Zusammenfassung: This book is devoted to different aspects of tectonic researches, especially to modern geodynamic processes. Syntheses of recent and earlier works, combined with new results and interpretations, are presented here for diverse tectonic settings. Most of chapters include up-to-date materials of detailed geological-geophysical investigations, which can help more clearly understand the essence of mechanisms of different tectonic processes. Among general problems of tectonics are discussed processes in axes of slow-spreading mid-ocean ridges on example of central part of Mid-Atlantic Ridge and in continental collision zones. Formation of sedimentary basins are considered on examples of Niger Delta, Triassic Cuyana Basin (Argentina), and Mesozoic and Cenozoic basins of the Alpine margin (Tunisia); neotectonic processes examined in Turkey and Morocco; tectonic evolution of the southern margin of Laurasia in the Paleozoic discussed as well as interrelation of western Troms-Lofoten and the Lewisian complexes in the Midle Paleoproterozoic.

⇒ Ausführliche Angaben: HT020307910

Sharkov, Evgenii V.: New Frontiers in Tectonic Research - General Problems, Sedimentary Basins and Island Arcs
English. Inhaltliche Zusammenfassung: This book is devoted to different aspects of tectonic research. Syntheses of recent and earlier works, combined with new results and interpretations, are presented in this book for diverse tectonic settings. Most of the chapters include up-to-date material of detailed geological investigations, often combined with geophysical data, which can help understand more clearly the essence of mechanisms of different tectonic
processes. Some chapters are dedicated to general problems of tectonics. Another block of chapters is devoted to sedimentary basins and special attention in this book is given to tectonic processes on active plate margins.

⇒ Ausführliche Angaben: HT020307740

Sharkov, Evgenii V.: Tectonics - Problems of Regional Settings
English. Inhaltsliche Zusammenfassung: This book is devoted to different aspects of tectonic researches. New results and interpretations are presented here for diverse tectonic settings. Most of the chapters include up-to-date materials of detailed geological investigations, often combined with geophysical data, which can help understand more clearly the essence of mechanisms of different tectonic processes. Some chapters are devoted to the tectonic evolution of regions (East Antarctica, East Kazakhstan, Mongolo-Okhotsk orogenic belt), and others have dealt with the different aspects of tectonic events: influence of detachment structural deformation on pore structure evolution in shales, evolution of drainage in response to brittle-ductile dynamics and surface processes, soft sediment deformation structures triggered by the modern earthquakes, and post-opening deformation history of the Japan Sea back-arc basin.

⇒ Ausführliche Angaben: HT020308706

Sharma, Nidhi: Prediction of Maternal and Fetal Syndrome of Preeclampsia
English. Inhaltsliche Zusammenfassung: The clinical syndrome of preeclampsia is due to vasospasm, endothelial dysfunction, and altered red cell zeta potential. It is a culmination of multiple etiologies and pathophysiology modified by epigenetics and the human immune system. Since the etiology and pathogenesis of preeclampsia are segregated and multifactorial, there is no single clinical, biophysical, or biochemical marker that can predict all types of this condition. This book provides a set of tentative specific prediction markers that can be used to identify different subtypes of preeclampsia, classify pathogenesis, categorize treatment, and identify early signs of complications.

⇒ Ausführliche Angaben: HT020309530

Sharma, Pooja Dhiman: Lysosomes - Associated Diseases and Methods to Study Their Function
English. Inhaltsliche Zusammenfassung: This book covers current advances in disorders associated with lysosomal function along with techniques to study its function. All chapters are complete in themselves but united under a common research study topic. This publication aims at providing a thorough overview of the latest research efforts by international authors on lysosomal diseases and opens new possible research paths.

⇒ Ausführliche Angaben: HT020308411

Sharma, Rakesh: Stem Cells in Clinical Practice and Tissue Engineering
English. Inhaltsliche Zusammenfassung: Stem Cells in Clinical Practice and Tissue Engineering is a concise book on applied methods of stem cell differentiation and optimization using tissue engineering methods. These methods offer immediate use in clinical regenerative medicine. The present volume will serve the purpose of applied stem cell differentiation optimization methods in clinical research projects, as well as be useful to relatively experienced stem cell scientists and clinicians who might wish to develop their stem cell clinical centers or research labs further. Chapters are arranged in the order of basic concepts of stem cell differentiation, clinical applications of pluripotent stem cells in skin, cardiac, bone, dental, obesity centers, followed by tissue engineering, new materials used, and overall evaluation with their permitted legal status.

⇒ Ausführliche Angaben: HT020308688
Sharma, Sahadev: Mangrove Ecosystem Ecology and Function
English. Inhaltliche Zusammenfassung: Mangrove Ecosystem Ecology and Function deals with several aspects of mangrove science, as well as conservation, management, and related policies. The book is divided into six sections and structured into 10 chapters. The first section discusses mangrove ecology, structure, and function; the second section explains mangrove physiology related to salt accumulation; the third section focuses on mangrove polychaetes; the fourth section talks about the bioprospect of mangrove microbes; the fifth section discusses soil geochemistry; and the sixth section elucidates mangrove management and conservation. Researchers from different countries and fields of mangrove ecosystem exploration have contributed their findings. This book would be an ideal source of scientific information to graduate students, advanced students, researchers, scientists, and stakeholders involved in mangrove ecosystem research.
⇒ Ausführliche Angaben: HT020309105

Sharma, Yogesh Kumar: Disruptive Wide Bandgap Semiconductors, Related Technologies, and Their Applications
English. Inhaltliche Zusammenfassung: SiC and GaN devices have been around for some time. The first dedicated international conference on SiC and related devices, ICSCRM, was held in Washington, DC, in 1987. But only recently, the commercialization of SiC and GaN devices has happened. Due to its material properties, Si as a semiconductor has limitations in high-temperature, high-voltage, and high-frequency regimes. With the help of SiC and GaN devices, it is possible to realize more efficient power systems. Devices manufactured from SiC and GaN have already been impacting different areas with their ability to outperform Si devices. Some of the examples are the telecommunications, automotive/locomotive, power, and renewable energy industries. To achieve the carbon emission targets set by different countries, it is inevitable to use these new technologies. This book attempts to cover all the important facets related to wide bandgap semiconductor technology, including new challenges posed by it. This book is intended for graduate students, researchers, engineers, and technology experts who have been working in the exciting fields of SiC and GaN power devices.
⇒ Ausführliche Angaben: HT020308961

Sharmin, Eram / Zafar, Fahmina: Metal-Organic Frameworks
English. Inhaltliche Zusammenfassung: The emerging and interesting field of MOF encouraged us to bring forth the book titled Metal Organic Frameworks. The book is divided into three sections. Section A consists of introduction, Section B comprises the synthesis and characterization techniques, and Section C is dedicated to the applications of MOFs. The book would be useful for scientists and researchers interested in the field of MOFs.
⇒ Ausführliche Angaben: HT020308044

Shatokha, Volodymyr: Iron Ores and Iron Oxide Materials
English. Inhaltliche Zusammenfassung: This book provides the multidisciplinary reading audience with a comprehensive state-of-the-art overview of research and innovations in the relationship between iron ores and iron ore materials. The book covers industrial sectors dealing with exploration and processing of iron ores as well as with advanced applications for iron ore materials and therefore entails a wide range of research fields including geology, exploration, beneficiation, agglomeration, reduction, smelting, and so on, thus encouraging life cycle thinking across the entire production chain. Iron remains the basis of modern civilization, and our sustainable future deeply depends upon our ability to satisfy the growing demand for iron and steel while decoupling hazardous emissions from economic growth. Therefore, environmental sustainability aspects are also broadly addressed. In response to socioeconomic and climatic challenges, the iron ore sector faces, this book delivers a vision for the new opportunities linked to deployment of the best available, innovative and breakthrough technologies as well as to advanced material applications.
Shaukat, Syed Shahid: Progress in Biomass and Bioenergy Production
English. Inhaltliche Zusammenfassung: Alternative energy sources have become a hot topic in recent years. The supply of fossil fuel, which provides about 95 percent of total energy demand today, will eventually run out in a few decades. By contrast, biomass and biofuel have the potential to become one of the major global primary energy source along with other alternate energy sources in the years to come. A wide variety of biomass conversion options with different performance characteristics exists. The goal of this book is to provide the readers with current state of art about biomass and bioenergy production and some other environmental technologies such as Wastewater treatment, Biosorption and Bio-economics. Organized around providing recent methodology, current state of modelling and techniques of parameter estimation in gasification process are presented at length. As such, this volume can be used by undergraduate and graduate students as a reference book and by the researchers and environmental engineers for reviewing the current state of knowledge on biomass and bioenergy production, biosorption and wastewater treatment.

Shbat, Modar: Antenna Arrays and Beam-formation
English. Inhaltliche Zusammenfassung: Spatial processing and smart antenna beam formation are considered as completely essential approaches to be employed for forthcoming progress in the standards and implementation of the wireless communication systems. The book aims, besides introducing up-to-date contributions that are not readily available in the related literature, to present and demonstrate the recent research ideas in the field of antenna array design and beam-forming algorithms in a synthetic, coherent, and unified manner for the interested researchers. The presented topics range from relatively straightforward mathematical analysis and derivations to simulation and empirical results. The book is designed to serve as an informative reference for the researcher involved in the analysis of the spatial signal processing techniques for smart antenna systems. The book will help the readers, in particular wireless communication researchers, to have wider futuristic and innovative visions for the advances in the field.

Shen, Yu-Chih: Schizophrenia Treatment - The New Facets
English. Inhaltliche Zusammenfassung: Schizophrenia treatment has many facets. This book begins with the glutamatergic and GABAergic hypofunctioning contribute to the schizophrenic symptoms and their current targeted therapeutics. The genetic, epigenetic, and immune etiologies of schizophrenia and their potential targeted therapeutics as approached in this book are interesting. Understanding cognitive biases and delusional circuits in schizophrenia is important; several behavioral cognitive therapies working on the reduction and avoidance of these cognitive biases are demonstrating their effectiveness. Advances in schizophrenia treatment followed, including transcranial magnetic stimulation and special sport program, are presented at the books end.

Shiel, Agnes / Herbert, Camilla M. / Wilson, Barbara A.: Behavioural Approaches in Neuropsychological Rehabilitation
English. Inhaltliche Zusammenfassung: The potential of behavioural approaches for improving the lives of people with acquired brain injury is immense. Here that potential is laid out and explored with a thoroughgoing regard for clinical practice and the theoretical frameworks
that underpin that practice. This book will prove an invaluable resource for clinical psychologists and the whole range of therapists working with patients suffering from acquired brain damage.

⇒ Ausführliche Angaben: HT020310302

Shields, Vonnie D. C.: Herbivores
English. Inhaltliche Zusammenfassung: This book provides an overview of the current knowledge of herbivory. This book contains chapters from a wide variety of topics that fall into the following broad sections: (I) Plant Defense Mechanisms and Herbivore Adaptations, (II) Herbivory and Food Processing of Grazing Animals, and (III) Herbivory Effects on Plant Communities. More specifically, the contributions of this book, written by experts in their respective fields, focus on topics including the chemical plant defense against herbivores as well as herbivore adaptions to plant cyanide defenses, the utilization of biomarkers to study grazing behavior of ruminants, modeling for describing ruminant herbivory, as well as improving grain processing to improve dairy cow performance. Contributions on positive indirect interactions in marine herbivores and algae are included, as is one focusing on herbivory by lizards. These chapters represent recent contributions showing the diversity of ongoing research in this field of study. This book targets a wide audience of general biologists as well as botanists, ecologists, and zoologists including both teachers and students in gaining a better appreciation of this rapidly growing field.

⇒ Ausführliche Angaben: HT020308179

Shields, Vonnie D.C.: Biological Control of Pest and Vector Insects
English. Inhaltliche Zusammenfassung: This book provides recent contributions of current strategies to control insect pests written by experts in their respective fields. Topics include semiochemicals based insect management techniques, assessment of lethal dose/concentrations, strategies for efficient biological control practices, bioinsecticidal formulations and mechanisms of action involving RNAi technology, light-trap collection of insects, the use of sex pheromonal components and attractants for pest insect capture, measures to increase plant resistance in forest plantations, the use of various baculoviruses as biopesticides, and effect of a pathogenic bacterium against an endangered butterfly species. There are several other chapters that focus on insect vectors, including biting midges as livestock vectors in Tunisia, mosquitoes as vectors in Brazil, human disease vectors in Tanzania, pathogenic livestock and human vectors in Africa, insect vectors of Chagas disease, and transgenic and paratransgenic biotechnologies against dipteran pests and vectors. This book targets general biologists, entomologists, ecologists, zoologists, virologists, and epidemiologists, including both teachers and students.

⇒ Ausführliche Angaben: HT020308209

Shields, Vonnie D.C. / Heinbockel, Thomas: Histology
English. Inhaltliche Zusammenfassung: Histology is the science of tissues and as such histology studies cells and tissues of organs using a variety of techniques. Histological techniques are used in different disciplines: research, teaching, and clinical applications. This book explores the research currently being carried out at the molecular, subcellular, and cellular levels, both in normal and pathological processes, from genetic mechanisms to intra- and intercellular signaling. This book includes cutting-edge research reviews and descriptions of technological advances to modify bodily cells and tissues. Targeted at students and researchers in biological, medical, and related disciplines, this book will provide an overview of the work being done in this field, and will highlight gaps and areas that would benefit from further exploration. The book contains eight chapters in four sections and presents reviews in different areas of histology written by experts in their respective fields. Basic histology, cell biology, histopathology, and histological techniques are featured prominently as a recurring theme throughout the chapters. This book will be a most valuable resource for histologists, cell biologists, pathologists, and other scientists alike and contribute to the training of current and future biomedical scientists.
Shields, Vonnie D.C.: Insect Physiology and Ecology
English. Inhaltliche Zusammenfassung: This book discusses recent contributions focusing on insect physiology and ecology written by experts in their respective fields. Four chapters in this book are dedicated to evaluating the morphological and ecological importance and distribution of water beetles, dung beetles, weevils, and tabanids, while two others investigate the symbiotic relationships between various insects and their associations with bacteria, fungi, or mites. Two other chapters consider insecticide detoxification, as well as insect defense mechanisms against infections. The last two chapters concentrate on insects as sustainable food. This book targets a wide audience of general biologists, as well as entomologists, ecologists, zoologists, virologists, and epidemiologists, including both teachers and students in gaining a better appreciation of this rapidly growing field.

Shikhin, Vladimir: Multi-Agent Systems - Control Spectrum
English. Inhaltliche Zusammenfassung: This book integrates the practices of enthusiastic investigators in the field of MAS-based approaches, elaboration, and implementation. The content of the book identifies the most complicated tasks and their possible solutions while implementing MAS instrumentation into engineering practice. The proposed focus on the control problems involves a wide range of adjacent problems described in the chapters of the book. Material presented in the book aim to provide the basic knowledge for further MAS-systems study and control design to reach the goals and needs coming from engineering practice under often contradictory existing requirements.

English. Inhaltliche Zusammenfassung: This book provides the fundamental understanding of the functioning of solar cells and the materials for the effective utilization of energy resources. The main objective of writing this book is to create a comprehensive and easy-to-understand source of information on the advances in the rapidly growing research on solar cells. Emerging Solar Energy Materials comprises 12 chapters written by the experts in the solar cell field and is organized with the intention to provide a big picture of the latest progress in the solar cell field and at the same time give an in-depth discussion on fundamentals of solar cells for interested audiences. In this book, each part opens with a new authors essay highlighting their work for contribution toward solar energy. Critical, cutting-edge subjects are addressed, including: Photovoltaic device technology and energy applications; Functional solar energy materials; New concept in solar energy; Perovskite solar cells; Dye-sensitized solar cells; Organic solar cells; Thin-film solar cells. The book is written for a large and broad readership including researchers and university graduate students from diverse backgrounds such as chemistry, physics, materials science, and photovoltaic device technology. The book includes enough information on the basics to be used as a textbook undergraduate coursework in engineering and the sciences.

Shiomi, Naofumi: Advances in Bioremediation and Phytoremediation
English. Inhaltliche Zusammenfassung: The pollution of soil and groundwater by harmful chemical compounds and heavy metals is becoming very serious in many countries. Although remediation is necessary as soon as possible, the performance of conventional bioremediation processes is not sufficient. This book deals with advances in bioremediation and phytoremediation processes by using excellent strains and a combination of processes. In the chapters
of this book, the researchers have introduced the overall status of contamination; the characteristics of bioremediation using halobacteria, Candida yeast, and autochthonous bacteria; and phytoremediation using macrophytes. Moreover, other researchers introduced a process using biochar and electric currents, and this combination of processes and phytoremediation enhances the overall process.

⇒ Ausführliche Angaben: HT020308644

Shiomi, Naofumi: Advances in Bioremediation of Wastewater and Polluted Soil
English. Inhaltliche Zusammenfassung: The pollution of soil and groundwater by heavy metals and other chemicals is becoming a serious issue in many countries. However, the current bioremediation processes do not often achieve sufficient remediation, and more effective processes are desired. This book deals with advances in the bioremediation of polluted soil and groundwater. In the former chapters of this book, respected researchers in this field describe how the optimization of microorganisms, enzymes, absorbents, additives and injection procedures can help to realize excellent bioremediation. In the latter chapters, other researchers introduce bioremediation processes that have been performed in the field and novel bioremediation processes. Thus, the readers will be able to obtain new ideas about effective bioremediation as well as important information about recent advances in bioremediation.

⇒ Ausführliche Angaben: HT020307992

Shiomi, Naofumi: Current Topics in Biochemical Engineering
English. Inhaltliche Zusammenfassung: Genetic and cellular technologies in life science have recently achieved remarkable progress, and thus the roles of biochemical engineers have also been changed to incorporate the use of new technology. Therefore, this book deals with current topics in biochemical engineering. The chapters of this book discuss research that has introduced artificial enzymes, kinetic models in bioprocessing, a small-scale production process, and production of energy with microbial fuel. These chapters offer novel ideas for the production of effective compounds and energy. Moreover, other research has introduced the production technology of stem cells and biomedical processes using nanoshells and extracellular vesicles. These chapters will provide novel ideas to produce effective compounds and develop therapies for various diseases.

⇒ Ausführliche Angaben: HT020309454

Shiomi, Naofumi: Current Topics on Superfoods
English. Inhaltliche Zusammenfassung: Superfood is a food that contains active ingredients or important nutrients at extremely high levels. Protective effects of superfoods on diseases have been remarked. Recently, several foods such as camu camu, chia seeds and goji berries are well known, and their trade has been rapidly increasing in the past 10 years. The purpose of this book is the development of a novel concept of superfoods and diet-containing superfoods. In the chapters, researchers have introduced the active components of superfoods and diets using such foods. Superfoods derived from fish and by-products of beer brewing are also introduced. Moreover, the procedure of bio-accessibility is also considered. I expect that the readers understand this novel concept of superfoods.

⇒ Ausführliche Angaben: HT020308735

Shishkovsky, Igor: Sintering of Functional Materials
English. Inhaltliche Zusammenfassung: Powder-based materials and treatment technologies rank high in contemporary scientific-technical progress due to their numerous significant technoeconomic qualities. Sintering of such materials allows saving on materials and lowering the cost price of the product, as well as manufacturing complex composite materials with
unique combinations of qualities. Materials of record high values of some physic-mechanical
and also biochemical characteristics can be obtained owing to structural peculiarities of su-
per dispersed condition. Sintering of functional materials for innovative perspectives in auto-
motive and aeronautical engineering, space technology, lightweight construction, mechanical
engineering, modern design, and many other applications requires established relationship
in the materials-process-properties system. Therefore, the industry being interested in un-
derstanding theoretical modeling, and control over behavior of such powdered materials has
promoted the research activities of this manuscripts authors.

⇒ Ausführliche Angaben: HT020309650

Shishkovsky, Igor V.: Additive Manufacturing of High-performance Metals and Alloys - Modeling and Optimization
English. Inhaltsliche Zusammenfassung: Freedoms in material choice based on combinatorial
design, different directions of process optimization, and computational tools are a significant
advantage of additive manufacturing technology. The combination of additive and informa-
tion technologies enables rapid prototyping and rapid manufacturing models on the design
stage, thereby significantly accelerating the design cycle in mechanical engineering. Modern
and high-demand powder bed fusion and directed energy deposition methods allow obtaining
functional complex shapes and functionally graded structures. Until now, the experimental
parametric analysis remains as the main method during AM optimization. Therefore, an ad-
ditional goal of this book is to introduce readers to new modeling and materials optimization
approaches in the rapidly changing world of additive manufacturing of high-performance me-
tals and alloys.

⇒ Ausführliche Angaben: HT020308827

Shukla, Dericks P.: Hydro-Geomorphology - Models and Trends
English. Inhaltsliche Zusammenfassung: Knowledge has no limits and everyone has the op-
portunity to gain it and expand the view and horizon of understanding. Nothing in this world
remains permanent, everything changes. Hence the field of morphology of the Earth (geomor-
phology) provides a basis for exploring, understanding and comprehending the forms and
processes that occur in our surrounding. This book presents some of the ideas and under-
standing about geomorphology: Learn about the effect of deforestation and then reforestation on river channel morphology. Understand the composite mathematical modelling for continuous simulations of hydro-geomorphological processes. Know about the process-response models for estimation of cliff erosion and its quantitative predictions. Grow your knowledge about various geomorphometric tools that are available in freely available GIS software.

⇒ Ausführliche Angaben: HT020309647

Shukla, Gopal / Chakravarty, Sumit: Forest Ecology and Conservation
English. Inhaltsliche Zusammenfassung: This book is dedicated to forest ecology and conser-
vation on ecological and conservation aspects of forest. The book is divided into two sections:
the first section Forest Ecology with four chapters deals with forest ecological aspects, while
the second section Forest Conservation with two chapters looks into new techniques for con-
serving the forests. This book will bridge the gaps in the knowledge about some new emerging
issues on forest ecology and conservation. It will be an interesting and helpful resource to all
those in the field of forestry working for its sustainable use and conservation.

⇒ Ausführliche Angaben: HT020308226

Shukla, Madhulata / Sinha, Indrajit: Nanocatalysts
9781789850468
English. Inhaltsliche Zusammenfassung: Nanocatalysis is a topical area of research that has
huge potential. It attempts to merge the advantages of heterogeneous and homogeneous catalysis. The collection of articles in this book treats the topics of specificity, activity, reusability, and stability of the catalyst and presents a compilation of articles that focuses on different aspects of these issues.

⇒ Ausführliche Angaben: HT020309453

Sibat, Humberto Foyaca: Cognitive Disorders
English. Inhaltliche Zusammenfassung: This book contains selected peer-reviewed chapters that cover novel information on cognitive disorders and updated information on dementias written by international researchers. In this project, we discuss the effect of metabolic disorders on the development of cognitive disorders in patients with type 1 diabetes mellitus. In another chapter, the authors highlight the usability of an assistive software application developed for patients with dementia. On the other hand, an extensive review of novel information on different types of dementia is made. This chapter covers the novel aspect of dementia without ignoring its foundation. Therefore, apart from classic issues that cannot be missed in any textbook about cognitive disorders, we introduce updated information on the commonest dementias. The current situation of the prisoner population with dementia in a correctional setting is analyzed in another chapter, and specific recommendations to improve the health outcomes for prisoners are delivered. In more than one chapter, our authors wrote about a copious microtubule-associated protein (tau) as a biological fluid biomarker and tauopathies leading to cognitive disorder and cancer. Finally, the role of the hypothalamus in Alzheimers disease is discussed. We look forward with confidence and pride to the remarkable role that this book will play for a new vision and mission.

⇒ Ausführliche Angaben: HT020309192

Sibat, Humberto Foyaca: Seizures
English. Inhaltliche Zusammenfassung: This book contains selected peer-reviewed articles that cover novel information on epileptic seizure and psychogenic non-epileptic seizures written by international researchers. In this book, we discuss self-reporting technologies for supporting epilepsy treatment. We also discuss about the diagnostic testing in epilepsy genetic clinical practice. Clinical aspects related to diagnosis in patients presenting psychogenic non-epileptic seizures vs. epileptic seizures and neurocysticercosis are discussed as well. We delivered novel aspects about the treatment for pseudoseizures. In another chapter, the authors estimated the prevalence of ischemic stroke in epileptic patients presenting subarachnoid neurocysticercosis and ischemic stroke frequency among HIV-positive patients, and finally other authors discuss autoimmune epilepsy, its new development, and its future directions. We are looking forward with confidence and pride to the remarkable role that this book will play for a new vision and mission.

⇒ Ausführliche Angaben: HT020308691

Sibat, Humberto Foyaca / Valdés, Lourdes de Fatima Ibañez: Update on Amyotrophic Lateral Sclerosis
English. Inhaltliche Zusammenfassung: This book contains selected peer-reviewed chapters which cover updated information on ALS written by international researchers. Update on Amyotrophic Lateral Sclerosis is comprised of 13 chapters from some of the worlds top central nervous system researchers and neurologists to provide a timely review of the most recent developments in ALS, covering historic aspects, experimental animal models, genetics, pathogenesis, clinical aspects and imagenology among others. Contributors from Belgium, France, Japan, India, Italy, Mexico, Russia, South Africa, and Switzerland have collaborated enthusiastically and efficiently, dedicating their time to create this reader-friendly yet comprehensive work which includes many explanatory figures, tables and photos to enhance legibility and make the book clinically useful. We are looking forward with confidence and pride in the remarkable role that this book will play for a new vision and mission.
Sichert, Markus / Ross, Friso / Becker, Ulrich: Wahlmöglichkeiten und Wettbewerb in der Krankenhausversorgung
⇒ Ausführliche Angaben: HT020308035

Siemoneit, Gabriel: Johannes Freinsheim. Supplementa in Q. Curtium
German. Inhaltliche Zusammenfassung: Johann Freinsheim’s Supplementa in Q. Curtium are supplements to the lost parts of the Historiae Alexandri, an ancient history of Alexander the Great written by Q. Curtius Rufus. For the first time, a modern edition and a complete German translation along with Freinsheim’s copious references is made available.
⇒ Ausführliche Angaben: HT020307459

Signell, Richard: Selected Papers from the 15th Estuarine and Coastal Modeling Conference
⇒ Ausführliche Angaben: HT020307369

Sikalidis, Costas: Advances in Ceramics - Characterization, Raw Materials, Processing, Properties, Degradation and Healing
English. Inhaltliche Zusammenfassung: The current book consists of eighteen chapters divided into three sections. Section I includes nine topics in characterization techniques and evaluation of advanced ceramics dealing with newly developed photothermal, ultrasonic and ion sputtering techniques, the neutron irradiation and the properties of ceramics, the existence of a polytypic multi-structured boron carbide, the oxygen isotope exchange between gases and nanoscale oxides and the evaluation of perovskite structures ceramics for sensors.
and ultrasonic applications. Section II includes six topics in raw materials, processes and mechanical and other properties of conventional and advanced ceramic materials, dealing with the evaluation of local raw materials and various types and forms of wastes for ceramics production, the effect of production parameters on ceramic properties, the evaluation of dental ceramics through application parameters and the reinforcement of ceramics by fibers. Section III includes three topics in degradation, aging and healing of ceramic materials, dealing with the effect of granite waste addition on artificial and natural degradation bricks, the effect of aging, micro-voids, and self-healing on mechanical properties of glass ceramics and the crack-healing ability of structural ceramics.

⇒ Ausführliche Angaben: HT020309560

Sikalidis, Costas: Advances in Ceramics - Synthesis and Characterization, Processing and Specific Applications
English. Inhaltsübersicht: The current book contains twenty-two chapters and is divided into three sections. Section I consists of nine chapters which discuss synthesis through innovative as well as modified conventional techniques of certain advanced ceramics (e.g. target materials, high strength porous ceramics, optical and thermo-luminescent ceramics, ceramic powders and fibers) and their characterization using a combination of well known and advanced techniques. Section II is also composed of nine chapters, which are dealing with the aqueous processing of nitride ceramics, the shape and size optimization of ceramic components through design methodologies and manufacturing technologies, the sinterability and properties of ZnNb oxide ceramics, the grinding optimization, the redox behaviour of ceria based and related materials, the alloy reinforcement by ceramic particles addition, the sintering study through dihedral surface angle using AFM and the surface modification and properties induced by a laser beam in pressings of ceramic powders. Section III includes four chapters which are dealing with the deposition of ceramic powders for oxide fuel cells preparation, the perovskite type ceramics for solid fuel cells, the ceramics for laser applications and fabrication and the characterization and modeling of protonic ceramics.

⇒ Ausführliche Angaben: HT020307752

Sikander, Arif: Aviation and Its Management - Global Challenges and Opportunities
English. Inhaltsübersicht: Aviation has grown leaps and bounds within the last decade. Aviation courses and training at all levels have shown an exponential increase around the globe. There has been a restricted focus on writing books in this sector of the economy, mainly due to the shortage of expertise in this specialist and complex area. This book was written with the purpose of meeting this need of the aviation sector. Due to the diversified nature of aviation knowledge, which includes flying, engineering, airports, allied trades for aircraft and airports, airline and airport management and operations, education, et cetera, one text alone will not suffice and do justice to address all these areas. It is envisaged to develop subsequent parts of this book to cover all these knowledge areas. This book is the first installment of any subsequent books and explores issues including airline management and operations, airline business models, airport systems, flight operational procedures, aircraft maintenance, runway safety management systems, and air traffic management. In particular, attention will be given to aspects such as analysis of air traffic in a domestic market, runway safety management systems, critical success factors for multiple MRO service providers, key pain points of the industry to be addressed to move into the future, new research on hub airports for international flights, new business models for airlines, and runway safety management systems. This book is useful to aviation managers, educators, students, and professionals interested in any of the above issues.

⇒ Ausführliche Angaben: HT020309386

Siklos, Stephen: Advanced Problems in Mathematics: Preparing for University
Inhaltliche Zusammenfassung: This new and expanded edition is intended to help candidates prepare for entrance examinations in mathematics and scientific subjects, including STEP (Sixth Term Examination Paper). STEP is an examination used by Cambridge Colleges for conditional offers in mathematics. They are also used by some other UK universities and many mathematics departments recommend that their applicants practice on the past papers even if they do not take the examination. Advanced Problems in Mathematics bridges the gap between school and university mathematics, and prepares students for an undergraduate mathematics course. The questions analysed in this book are all based on past STEP questions and each question is followed by a comment and a full solution. The comments direct the reader’s attention to key points and put the question in its true mathematical context. The solutions point students to the methodology required to address advanced mathematical problems critically and independently. This book is a must read for any student wishing to apply to scientific subjects at university level and for anyone interested in advanced mathematics.

⇒ Ausführliche Angaben: HT020309860

Silva, Alba Valeria Tinoco Alves: Deus e o diabo no humor das mulheres: contos, casos e crônicas com humor escritos por mulheres
Portuguese. Inhaltliche Zusammenfassung: Com o intuito de problematizar o lugar da mulher na produção humorística, a autora tece considerações a respeito da relação mulher/humor, sob diversas óticas do pensamento, como a psicanálise, a antropologia, a filosofia e a linguística. O livro surge com a premissa de descontruir a lógica de que a via cômica é uma forma de expressão exclusivamente masculina.

⇒ Ausführliche Angaben: HT020307358

Silva, Ayalla Oliveira: Ordem imperial e aldeamento indígena: Camacãns, Guerêns e Pataxós do Sul da Bahia
Portuguese. Inhaltliche Zusammenfassung: O livro é uma pesquisa histórica de fôlego que trata das relações sociais e étnicas estabelecidas no século XIX pelos povos camacãns, pataxós, guerêns e outros grupos indígenas da região da Cachoeira de Itabuna e Ferradas (atual município de Itabuna/BA) com frades capuchinhos italianos, fazendeiros e autoridades provinciais. A autora busca compreender a criação e o desenvolvimento do aldeamento São Pedro de Alcântara (Ferradas) e o uso do trabalho dos indíos aldeados na estrada Ilhéus-Conquista e na lavoura do cacau, além de problematizar as tensões políticas e sociais que caracterizam o processo da colonização sul-baiana.

⇒ Ausführliche Angaben: HT020307557

English. Inhaltliche Zusammenfassung: This book provides important aspects of sustainable degradation of lignocellulosic biomass which has a pivotal role for the economic production of several value-added products and biofuels with safe environment. Different pretreatment techniques and enzymatic hydrolysis process along with the characterization of cell wall components have been discussed broadly. The following features of this book attribute its distinctiveness: This book comprehensively covers the improvement in methodologies for the biomass pretreatment, hemicellulose and cellulose breakdown into fermentable sugars, the analytical methods for biomass characterization, and bioconversion of cellulosics into biofuels. In addition, mechanistic analysis of biomass pretreatment and enzymatic hydrolysis have been discussed in details, highlighting key factors influencing these processes at industrial scale.

⇒ Ausführliche Angaben: HT020307957

Silva, Thiago da / Santos, Edson Mauro: Advances in Silage Production and Utilization
Ensiling is a technique that is used to store food, mainly vegetable crops, to feed the herd when the forage supply from the pastures is not enough to maintain the productive performance of the ruminant animals. However, silage can also be used as substrate for biogas production and other different purposes. In the past years, we have seen many advances in the knowledge about silage production utilization, and this book is a compilation and discussion of the outstanding scientific research activities concerning actually the most recent advances and technologies that have been studied about silage and future demands. It is directed to a broad public of readers - farmers, academics, students, or anyone just curious or interested in the subject.

Silva, Valter: Statistical Approaches With Emphasis on Design of Experiments Applied to Chemical Processes

Optimized operating conditions for complex systems can be attained by using advanced combinations of numerical and statistical methodologies. One of the most efficient and straightforward solutions relies on the application of statistical methods with an emphasis on the design of experiments (DoEs). Throughout the book, the design and analysis of experiments are conducted involving several approaches, namely, Taguchi, response surface methods, statistical correlations, or even fractional factorial and model-based evolutionary operation designs. This book not only presents a theoretical overview about the different approaches but also contains material that covers the use of the experimental analysis applied to several chemical processes. Some chapters highlight the use of software products to assist experimenters in both the design and analysis stages. It helps graduate students, teachers, researchers, and other professionals who are interested in chemical process optimization and also provides a good basis of theoretical knowledge and valuable insights into the technical details of these tools as well as explains common pitfalls to avoid. The worlds leading pharmaceutical companies and local governments are trying to achieve their eradication.

Silvern, Steven E. / Young, Stephen S.: International Perspectives on Global Environmental Change

Environmental change is increasingly considered a critical topic for researchers across multiple disciplines, as well as policy makers throughout the world. Mounting evidence shows that environments in every part of the globe are undergoing tremendous human-induced change. Population growth, urbanization and the expansion of the global economy are putting increasing pressure on ecosystems around the planet. To understand the causes and consequences of environmental change, the contributors to this book employ spatial and non-spatial data, diverse theoretical perspectives and cutting edge research tools such as GIS, remote sensing and other relevant technologies. International Perspectives on Global Environmental Change brings together research from around the world to explore the complexities of contemporary, and historical environmental change. As an InTech open source publication current and cutting edge research methodologies and research results are quickly published for the academic policy-making communities. Dimensions of environmental change explored in this volume include: Climate change, Historical environmental change, Biological responses to environmental change, Land use and land cover change, Policy and management for environmental change.

Silvern, Steven / Young, Stephen: Environmental Change and Sustainability
English. Inhaltliche Zusammenfassung: Environments around the globe are undergoing human-induced change. Human population growth, rapid urbanization, expanding global economy, and the diffusion of western consumer lifestyles are placing increasing pressure on natural and social systems. Global institutions, nation-states, and local communities are seeking to identify and employ sustainable solutions to these environmental and socio-economic challenges. Sustainability has emerged as a policy discourse that seeks to balance the desire and need for economic growth with the protection of the environment, and the promotion of social and environmental justice. This book contributes to the study and search for sustainable responses to global environmental change. The authors of this volume explore environmental change in different places around the world and the diverse responses to such changes.

⇒ Ausführliche Angaben: HT020309595

Simard, Suzanne: Climate Change and Variability
English. Inhaltliche Zusammenfassung: Climate change is emerging as one of the most important issues of our time, with the potential to cause profound cascading effects on ecosystems and society. However, these effects are poorly understood and our projections for climate change trends and effects have thus far proven to be inaccurate. In this collection of 24 chapters, we present a cross-section of some of the most challenging issues related to oceans, lakes, forests, and agricultural systems under a changing climate. The authors present evidence for changes and variability in climatic and atmospheric conditions, investigate some the impacts that climate change is having on the Earths ecological and social systems, and provide novel ideas, advances and applications for mitigation and adaptation of our socio-ecological systems to climate change. Difficult questions are asked. What have been some of the impacts of climate change on our natural and managed ecosystems? How do we manage for resilient socio-ecological systems? How do we predict the future? What are relevant climatic change and management scenarios? How can we shape management regimes to increase our adaptive capacity to climate change? These themes are visited across broad spatial and temporal scales, touch on important and relevant ecological patterns and processes, and represent broad geographic regions, from the tropics, to temperate and boreal regions, to the Arctic.

⇒ Ausführliche Angaben: HT020307677

Simionescu, Agneta / Simionescu, Dan: Physiologic and Pathologic Angiogenesis - Signaling Mechanisms and Targeted Therapy
English. Inhaltliche Zusammenfassung: The purpose of this book is to highlight novel advances in the field and to incentivize scientists from a variety of fields to pursue angiogenesis as a research avenue. Blood vessel formation and maturation to capillaries, arteries, or veins is a fascinating area which can appeal to multiple scientists, students, and professors alike. Angiogenesis is relevant to medicine, engineering, pharmacology, and pathology and to the many patients suffering from blood vessel diseases and cancer, among others. We are hoping that this book will become a source of inspiration and novel ideas for all.

⇒ Ausführliche Angaben: HT020308212

German.

⇒ Ausführliche Angaben: HT020309943

Simonescu, Claudia Maria: Dendrimers - Fundamentals and Applications
English. Inhaltliche Zusammenfassung: Dendrimers are defined as nanoscale macromolecules having a particular architecture consisting of treelike arms or branches. They are charac-
terized by special properties that make them promising candidates in medicine, biology, materials science, synthetic organic chemistry, biotechnology, environmental engineering, optics, electronics, catalysis, electrochemistry, photochemistry, and sensors and even for production of cosmetics and personal care products. The dendrimers research field is growing day by day, and scientists are exploring new synthesis and functionalization methods in order to improve and to determine new properties and thus new applications. The main purpose of this book is to highlight the issues regarding properties and applications of dendrimers in the field of biology, medicine, liquid crystal devices, electronics, quantum devices, and self-healing technology.

⇒ Ausführliche Angaben: HT020308672

Simonescu, Claudia Maria: Nanocrystals and Nanostructures
English. Inhaltsverzeichnis: Nanocrystals and nanostructures attract a special attention in the recent years due to their various properties and a wide range of applications such as in electrical, optical, optoelectronic, catalytic, medicine, chemo- and biosensing, and environmental protection fields. Although extensive research has been done in the field of nanocrystals, it is considered one growing research field. The main goal of this book is to present the current research activities in the field of nanocrystals and nanostructures covering issues regarding new synthesis methods, self-assembly strategies, characterization techniques, properties, and applications. Interesting reports regarding biomimetic modeling of the biomineralization processes and theoretical models to describe mechanisms of deformation twinning in nanocrystalline and ultrafine-grained materials have been presented. By structuring, approaching, and content, the work may be useful for specialist in the field of nano-/materials science, PhD students, students, and all those interested in this topic of high relevance.

⇒ Ausführliche Angaben: HT020309065

Simonin, Charlotte / Rizzoni, Nathalie / Quéro, Dominique: Les théâtres de société au XVIIIe siècle
French. Inhaltliche Zusammenfassung: Aspect essentiel de "la vie théâtrale au XVIIIe siècle", le théâtre de société constitue un objet détude privilégié pour les historiens des mentalités, du théâtre, de la littérature, de la musique, de l'architecture et des arts du spectacle en général. Les textes ici rassemblés, dans cette perspective interdisciplinaire, privilégient un ordre chronologique qui part de la cour de Sceaux pour arriver à la période révolutionnaire, dont on doit se demander si elle sonne la fin de ces manifestations considérées comme caractéristiques de l'Ancien Régime. Trois grands axes de réflexion se dessinent au sein de ce cadre: les lieux et les répertoires qui ont pour objet de situer précisément cette activité parmi d'autres; les rapports de ces corpus avec la société du triple point de vue esthétique, moral et politique; les échos que le théâtre de société a laissés dans les écrits du temps.-.

⇒ Ausführliche Angaben: HT020309772

Sinecen, Mahmut: Trends in E-learning
English. Inhaltsverzeichnis: This book presents a collection of different researches and results on e-learning. The chapters cover the deficiencies, requirements, advantages and disadvantages of e-learning and distance learning. So, the authors reported their research and analysis results on e-learning according to their areas of expertise.

⇒ Ausführliche Angaben: HT020308903

Singh, Ambrish: Corrosion Inhibitors
English. Inhaltsverzeichnis: This book aims to provide readers with the latest and relevant trends in corrosion. Use of inhibitors is one of the most common, cheap, and globally followed methods for the protection of metals from aggressive solutions. The information
contained in this book covers different corrosion inhibitors for different corrosive environments with sufficient experimental data, surface studies, and theoretical studies. These studies altogether will give readers a good view of the basic and advanced knowledge of corrosion inhibitors and will be of interest to students, academicians, and industrialists.

⇒ Ausführliche Angaben: HT020309455

**Singh, Keshav P. / Shrivastav, Avadh B.: Big Cats**

English. Inhaltliche Zusammenfassung: In this book, the editors have reviewed the scientific articles from diverse group of scientists from all over the world who are actively participating in the wildlife conservation. Some of the important divisions incorporated in the book are conservation and population genetics, biodiversity, ecology, conservation physiology and evolution of big cats. The different chapters written by eminent scientists with their experience will provide an overview of the current information on conservation strategies and survival of big cats in different geographical zones around the world. The articles will also provide valuable information, on both free range and captive felines, to understand the present and future of the majestic species. The book will be useful to biologists, veterinary students, wildlife managers, researchers and also wildlife conservationists.

⇒ Ausführliche Angaben: HT020308521

**Singh, Kiran / Agrawal, Neeraj Kumar: Debatable Topics in PCOS Patients**

English. Inhaltliche Zusammenfassung: The book deliberates a wide range of the latest research issues on polycystic ovary syndrome (PCOS). The topics discussed include the diagnosis and management of PCOS, dwelling in more depth into the pathophysiology of the syndrome and its genetic and epigenetic basis. The book covers a contemplative discussion on the influence of changing lifestyle patterns on PCOS. The book also includes a number of chapters defining a detailed description of the associated morbidities of PCOS and its long-term sequela. Since PCOS is quite prevalent globally, the book is also of great interest to the public. Providing detailed information suitable for patients and clinicians, it provides information about the various treatment regimens and screening recommendations for women having this condition.

⇒ Ausführliche Angaben: HT020308573

**Singh, Mukesh Kumar: Engineered Fabrics**

English. Inhaltliche Zusammenfassung: Engineered fabrics have gained special attention from all quarters due to their adaptability for unconventional applications. Engineered fabrics are used in a range of technical products such as seatbelt fabrics, automotive textiles, geotextiles, and other industrial textiles. This book provides a comprehensive review and case studies of engineered fabrics used in civil engineering as geotextiles. Engineered fabrics cover a huge area from textiles used for deep-sea applications to reinforcing materials for lightweight composite materials used to construct various aircraft panels. This book gives an insight into soil conservation using engineered fabrics along with woven denim fabrics with dual core-spun yarns. The editor has included one introductory chapter on engineered fabrics that covers all aspects of fabric engineering required to cater for the needs of technical and industrial textiles.

⇒ Ausführliche Angaben: HT020309242

**Singles, Kathleen: Alternate History: Playing with Contingency and Necessity**

English. Inhaltliche Zusammenfassung: While, strictly speaking, Alternate Histories are not Future Narratives, their analysis can shed a clear light on why Future Narratives are so different from past narratives. Trying to have it both ways, most Alternate Histories subscribe
to a conflicting set of beliefs concerning determinism and freedom of choice, contingency and necessity. For the very first time, Alternate Histories are here discussed against the backdrop of their Other, Future Narratives. The volume contains in-depth analyses of the classics of the genre.

⇒ Ausführliche Angaben: HT020307654

Sirmacek, Beril: *Graph Theory - Advanced Algorithms and Applications*
English. Inhaltliche Zusammenfassung: This book is prepared as a combination of the manuscripts submitted by respected mathematicians and scientists around the world. As an editor, I truly enjoyed reading each manuscript. Not only will the methods and explanations help you to understand more about graph theory, but I also hope you will find it joyful to discover ways that you can apply graph theory in your scientific field. I believe the book can be read from the beginning to the end at once. However, the book can also be used as a reference guide in order to turn back to it when it is needed. I have to mention that this book assumes the reader to have a basic knowledge about graph theory. The very basics of the theory and terms are not explained at the beginner level. I hope this book will support many applied and research scientists from different scientific fields.

⇒ Ausführliche Angaben: HT020308559

Sisu, Alina Maria: *Human Anatomy - Reviews and Medical Advances*
English. Inhaltliche Zusammenfassung: Anatomia clavus et clavis medicinae est. Anatomy is a fundamental science that studies the structure of the human body from ancient times. Over time, the discipline constantly expands with recent progress that has been produced in researching the human body. So, new methods of researching were incorporated in the anatomy development: plastic materials injections, plastination, computed techniques of sectional bodies, and embryology. Anatomic sections like macroscopic, mesoscopic, microscopic, and public anatomies; radiologic anatomy; computed anatomy; radiologic anatomies; and clinical anatomy contribute to realize a very complex discipline that represents the base of learning medicine.

⇒ Ausführliche Angaben: HT020309649

Sittiprapaporn, Phakkharawat: *Electroencephalography*
English. Inhaltliche Zusammenfassung: This edited volume Electroencephalography is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field of medicine and health sciences. The book comprises single chapters authored by various researchers and edited by an expert active in the electrophysiological monitoring method research area. Each chapter is complete in itself but united under a common research study topic. This publication aims at providing a thorough overview of the latest research efforts by international authors on electrophysiological monitoring method and opens new possible research paths for further novel developments.

⇒ Ausführliche Angaben: HT020308490

Sittiprapaporn, Phakkharawat: *Event-Related Potentials and Evoked Potentials*
English. Inhaltliche Zusammenfassung: This edited volume Event-Related Potentials and Evoked Potentials is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field of medicine and health sciences. The book comprises single chapters authored by various researchers and edited by an expert active in the field of event-related potential (ERP). An event-related potential (ERP) is the measured brain response that is the direct result of a specific sensory, cognitive, or motor event. Each chapter is complete in itself but united under a common research study topic. This publication aims at providing a thorough overview of the latest research efforts by international authors
in noninvasive means of evaluating brain functioning and opens new possible research paths for further novel developments.

⇒ Ausführliche Angaben: HT020308487

Sivasankaran, Subbarayan: Aluminium Alloys - Recent Trends in Processing, Characterization, Mechanical Behavior and Applications
English. Inhaltsliche Zusammenfassung: The major issue of energy saving and conservation of the environment in the world is being emphasized to us to concentrate on lightweight materials in which aluminium alloys are contributing more in applications in the twenty-first century. Aluminium and its related materials possess lighter weight, considerable strength, more corrosion resistance and ductility. Especially from the past one decade, the use of aluminium alloys is increasing in construction field, transportation industries, packaging purposes, automotive, defence, aircraft and electrical sectors. Around 85% is being used in the form of wrought products, which replace the use of cast iron. Further, the major features of aluminium alloy are recyclability and its abundant availability in the world. In general, aluminium and its related materials are being processed via casting, drawing, forging, rolling, extrusion, welding, powder metallurgy process, et cetera. To improve the physical and mechanical properties, scientists are doing more research and adding some second-phase particles in to it called composites in addition to heat treatment. Therefore, to explore more in this field, the present book has been aimed and focused to bridge all scientists who are working in this field. The main objective of the present book is to focus on aluminium, its alloys and its composites, which include, but are not limited to, the various processing routes and characterization techniques in both macro- and nano-levels.

⇒ Ausführliche Angaben: HT020308533

Sivasankaran, Subbarayan: Nanocomposites - Recent Evolutions
English. Inhaltsliche Zusammenfassung: To have unimaginably outstanding useful properties (physical, mechanical, electrical, optical, chemical, and magnetic) in a single material design is a highly challenging task in the material science community, which can be achieved through nanocomposites. These nanocomposites can be produced from all conventional materials, which include polymers, metals/alloys, and ceramics, by modifying their internal structures. Due to modification of the structures of all kinds of conventional materials, at either the nano or ultra-fine level, the materials exhibit superior performance, which is a boon for all fields of science. In general, nanocomposite materials can be manufactured by solid-state processing techniques, liquid metallurgy, ex-situ and in-situ powder metallurgy, and other basic science synthesis routes. Furthermore, the possibility of making environmentally friendly materials is also possible with nanotechnology. Therefore, to investigate and demonstrate developments in the field of nanocomposites, this book is targeted at all the scientific personnel working in this field.

⇒ Ausführliche Angaben: HT020309199

Sjöholm, Frederik / Tongzon, José: Institutional Change in Southeast Asia
English. Inhaltsliche Zusammenfassung: This book examines the institutional changes taking place in, and challenges facing, the region since 1997. It also describes various differences in the reform process between countries in the region. Sjöholm and Tongzon argue that the economies of southeast Asia need to reform their institutions if the previous rapid development is to continue. The institutional weaknesses have been addressed to different degrees and with different success in the affected countries. Against the backdrop of southeast Asia's importance in the world economy, it is hardly possible to overestimate the need to understand this process of change.

⇒ Ausführliche Angaben: HT020310223
Sjoholm, Cecilia: Kristeva and the Political
English. Inhaltliche Zusammenfassung: Julia Kristeva is one of the most influential French thinkers of the twentieth century and is best known for her work in linguistics. Even though her work has been very influential, the political implications of her writings have so far been neglected. Kristeva and the Political is the first book to explore the relation of Kristeva's work to the political and casts new light on her work, connecting her to recent developments in literary theory, political theory, and cultural studies. In particular it shows how Kristeva's account of the unconscious and psychoanalysis generally, widens the notion of the political. Each chapter introduces a fundamental theme in Kristeva's work, highlighting a specific period of development in her thought and drawing on texts from the 1960s through to the 1990s. Themes addressed include Kristeva's theory of discourse, the theory of the subject, the notion of alterity, feminism and marginality and her theory known as the politics of meaning. Kristeva and the Political also shows how Kristeva's notions of the political draw on a rich array of thinkers and writers, from Freud, Melanie Klein and Lacan, to Proust and Marguerite Duras.
⇒ Ausführliche Angaben: HT020310209

Skvaril, Jan / Kyprianidis, Konstantinos G.: Developments in Near-Infrared Spectroscopy
English. Inhaltliche Zusammenfassung: Over the past few decades, exciting developments have taken place in the field of near-infrared spectroscopy (NIRS). This has been enabled by the advent of robust Fourier transform interferometers and diode array solutions, coupled with complex chemometric methods that can easily be executed using modern microprocessors. The present edited volume intends to cover recent developments in NIRS and provide a broad perspective of some of the challenges that characterize the field. The volume comprises six chapters overall and covers several sectors. The target audience for this book includes engineers, practitioners, and researchers involved in NIRS system design and utilization in different applications. We believe that they will greatly benefit from the timely and accurate information provided in this work.
⇒ Ausführliche Angaben: HT020308188

Sladonja, Barbara: Aquaculture and the Environment - A Shared Destiny
English. Inhaltliche Zusammenfassung: Aquaculture is the art, science and business of cultivating aquatic animals and plants in fresh or marine waters. It is the extension of fishing, resulted from the fact that harvests of wild sources of fish and other aquatic species cannot keep up with the increased demand of a growing human population. Expansion of aquaculture can result with less care for the environment. The first pre-requisite to sustainable aquaculture is clean water, but bad management of aquatic species production can alter or even destroy existing wild habitat, increase local pollution levels or negatively impact local species. Aquatic managers are aware of this and together with scientists are looking for modern and more effective solutions to many issues regarding fish farming. This book presents recent research results on the interaction between aquaculture and environment, and includes several case studies all over the world with the aim of improving and performing sustainable aquaculture.
⇒ Ausführliche Angaben: HT020307822

Sladonja, Barbara / Poljuha, Danijela: The Mediterranean Genetic Code - Grapevine and Olive
English. Inhaltliche Zusammenfassung: The book The Mediterranean Genetic Code - Grapevine and Olive collects relevant papers documenting the results of research in grapevine and olive genetics, as a contribution to overall compendium of the existing biodiversity for both species with insight into molecular mechanisms responsible for their desirable and important traits. Book encompasses a broad and diverse palette of different topics related to grapevine and olive genetics, with no areal or any other strict limitation, keeping the title as a loose
frame for borderless science. Divided in four sections it takes us for a molecular walk through
different levels of genetic variability, uncovering the remains of still existing wild populations
and treasures of neglected local peculiarities, weaving the network from plant to product and
back to the beginning, to the hearth of all questions asked and answers hidden in genetics.
⇒ Ausführliche Angaben: HT020307953

**Slawinski, Scott: Validating Bachelorhood**
English. Inhaltliche Zusammenfassung: This book explores images of single and married men in C.B. Browns Monthly Magazine and concludes that Brown used his periodical as a vehicle for validating bachelorhood as a viable alternative form of masculinity.
⇒ Ausführliche Angaben: HT020310062

**Smakhtin, Vladimir / Shahgedanova, Maria / Saks, Tomas: Chapter 8 The Status and Role of the alpine Cryosphere in Central Asia**
English. Inhaltliche Zusammenfassung: The alpine cryosphere including snow, glaciers and permafrost are critical to water management in the Aral Sea Basin (ASB) and larger Central Asia (CA) under changing climate: as they store large amounts of water in its solid forms. Most cryospheric components in the Aral Sea Basin are close to melting point, and hence very vulnerable to a slight increase in air temperature with significant consequences to long-term water availability and to water resources variability and extremes. Current knowledge about different components of cryosphere and their connection to climate in the Basin and in the entire Central Asia, varies. While it is advanced in the topics of snow and glaciers, knowledge on permafrost it rather limited. Observed trends in runoff point in the direction of increasing water availability in July and August at least until mid-century and increasing possibility for water storage in reservoirs and aquifers. However, eventually this will change as glaciers waste away. Future runoff may change considerably after mid-century and start to decline if not compensated by increasing precipitation. Cryosphere monitoring systems are the basis for sound estimates of water availability and water-related hazards associated with snow, glaciers and permafrost. They require a well-distributed observational network for all cryospheric variables. Such systems need to be re-established in the Basin after the breakup of the Soviet Union in the early 1990s. This process is slowly emerging in the region. Collaboration between local operational hydro-meteorological services and academic sector, and with international research networks may improving the observing capabilities in high mountain regions of CA Asia in general and the ASB specifically.
⇒ Ausführliche Angaben: HT020309890

**Smet, Mike / Holz, Oliver / De Witte, Kristof: Financing Quality Education for All**
English. Inhaltliche Zusammenfassung: In OECD countries the average expenditure on primary and secondary education institutions is about 3.5% of GDP. The investment in education has large implications for economic development and the proper functioning of democratic institutions, as well as overall well-being. However, clear consensus and guidance on which system leads to the best educational outcomes is lacking. This volume describes the resource allocation for compulsory and special needs education for a selection of well-performing countries and regions on PISA tests. By studying the funding systems in well-performing countries and regions the authors identify the elements in the respective funding systems that are associated with best outcomes and have the ideal characteristics to pursue particular goals of education systems such as equity and efficiency. The funding methods of primary and secondary education as well as special needs education are covered.
⇒ Ausführliche Angaben: HT020307499

**Smith, David / Price, Vivian / Fernandez, Raul A.: Labor Versus Empire**
The essays in this collection address issues significant to labor within regional, national and international contexts. Themes of the chapters will focus on managed labor migration; organizing in multi-ethnic and multi-national contexts; global economics and labor; global economics and inequality; gender and labor; racism and globalization; regional trade agreements and labor.

Smith, Jennifer L.: Phonological Augmentation in Prominent Positions
English. Inhaltliche Zusammenfassung: Phonologically prominent or strong positions are well known for their ability to resist positional neutralization processes such as vowel reduction or place assimilation. However, there are also cases of neutralization that affect only strong positions, as when stressed syllables must be heavy, default stress is inserted into roots, or word-initial onsets must be low in sonority. In this book, Jennifer Smith shows that phonological processes specific to strong positions are distinct from those involved in classic positional neutralization effects because they always serve to augment the strong position with a perceptually salient characteristic. Formally, positional augmentation effects are modeled by means of markedness constraints relativized to strong positions. Because positional augmentation constraints are subject to certain substantive restrictions, as seen in their connection to perceptual salience, this study has implications for the relationship between functional grounding and phonological theory.

Smith, Peter C.: Formula Funding of Public Services
English. Inhaltliche Zusammenfassung: The use of formulae has become widespread in recent years across most developed countries. In the UK, a conservative estimate is that annually £150 billion of public service expenditure is distributed using formulae, in services such as health care, local government, social security and higher education. This book offers a comprehensive introduction to the theory and practice underlying the use of such formulae as a basis for funding public services. The philosophy, design and economic consequences of funding formulae have become key policy issues worldwide. However, till now, there has been no text which brings together the economic, statistical and political issues underlying formula funding. This key book fills that gap. Written by a leading international expert on the design of funding formulae, this important book includes empirical evidence from a range of countries and will be a valuable resource for all those involved in this field.

Smyth, John: A Socially Critical View Of The Self-Managing School
English. Inhaltliche Zusammenfassung: The shift from the model of central government educational control to school- based management has been widely adopted and acclaimed and has created the general impression of increased democracy and participation.; The international contributors to this book tackle this important policy issue and look behind the scenes of the moves towards school self- management. They investigate the phenomenon of the self-managing school, Why It Is Happening Now, What Is The Truth Behind This Notion And The problems which lie behind devolution and self-management.; The self- managing school, it is claimed is not about grassroots democracy or parent participation but absolutely the reverse and this contradiction is best understood in terms of the ideology of the New Right. Enlightened and informed perspectives of the reality behind school self-management suggest that the devolution of power is only superficial. Hierarchies continue to exist as unequally
funded schools which perpetuate class, gender and ethnic divisions. The mechanism involved promotes the Survival Of The Fittest Through Notions Of Choice.; For Those Involved in school management and education generally, this book should provide a useful insight into the struggle surrounding the control of schooling.

⇒ Ausführliche Angaben: HT020310317

**Smyth, John: Critical Perspectives On Educational Leadership**
English. Inhaltliche Zusammenfassung: First Published in 1989. Routledge is an imprint of Taylor and Francis, an informa company.

⇒ Ausführliche Angaben: HT020310277

**Smyth, John / Shacklock, Geoffrey / Hattam, Robert: Teachers Work in a Globalizing Economy**
English. Inhaltliche Zusammenfassung: Extended critical case studies provide a tangible working expression of the labour process of teaching, showing how teachers are simultaneously experiencing significant changes to their work, as well as responding in ways that actively shape these processes. For teachers and researchers, this book shows what processes are at work in the global economy which impact on, and sometimes control, the role of the teacher. It also reveals how teachers accommodate, resist or redefine their working circumstances, and explores methods researchers might employ in order to increase our understanding and knowledge of the effect of globalization on teaching.

⇒ Ausführliche Angaben: HT020310122

**Sobottka, Leon: Die zukünftigen Kompetenzen von Printjournalisten**

⇒ Ein Buch
- Freihand: BA 3357

⇒ Ausführliche Angaben: HT020313448

**Søreide, Fredrik / Løve Ellefmo, Steinar: Quantifying the Unknown**
English. Inhaltliche Zusammenfassung: Copper, zinc, gold and silver mineralizations exist on the deep ocean floor, at great depths, on the Mid-Atlantic Ridge between Jan Mayen and Spitsbergen. None of these mineralizations within Norwegian jurisdiction have been thoroughly investigated yet, but they are likely to contain significant amounts of minerals and metals crucial to society and the ‘Green Shift’. Should these mineralizations, which contain minerals and metals that you and I use every day, be developed and mined? The question is premature: we need to know more before we can answer it. We need to know more about the formation, location and characteristics of these potential deposits, as well as the environmental, social and financial consequences of potential extraction. We need to evaluate mining alternatives and how to process the extracted ore. How should we answer this question? The ultimate decisions will be determined politically, and knowledge will be the defining factor. Knowledge gained from proper mineral resource management. Quantifying the Unknown sets out to estimate the amount of minerals and metals on the deep ocean floor along the Mid-Atlantic Ridge, in particular, copper, zinc, gold and silver contained in so-called ‘seafloor massive sulphide deposits’. These deposits are modern analogues of those mined worldwide on land today. The method used to quantify the amounts of these resources is known as ‘play analysis’. It shares aspects of methodologies used on land for similar purposes and has been employed extensively to assess untapped petroleum resources on the Norwegian Continental Shelf. Play analysis enables a quantification of the potential as well as associated uncertainty. The potential is large, but the uncertainty is also significant. Whether and how this potential is realized remains to be seen.
Soffner, Markus: Der Vergleich von eSportlern und Sportlern in ausgewählten motorischen und sensorischen Parametern
⇒ Ein Buch
- Freihand: BA 3358
⇒ Ausführliche Angaben: HT020313501

Solli, Anne / Ferraz Freire, Sandra / Elam, Mark: Chapter 3: Digital Inquiry into Emerging Issues of Public Concern
English. Inhaltliche Zusammenfassung: Designs for Experimentation and Inquiry examines how digital media is reconfiguring the established worlds of research, education, and professional practice. It reflects on the theoretical, methodological, and ethical issues shaping contemporary engagements with digital learning and offers insights for both analysing and intervening in digital learning practices. This insightful volume fills a gap in the current literature by bringing together experiences from Sociocultural Studies of Learning, Science and Technology Studies, and Design Studies. Each chapter is an innovative case study, examining a different aspect of digital media's role in research, education and professional practice.
⇒ Ausführliche Angaben: HT020307537

Soloneski, Sonia / Larramendy, Marcelo: Cytogenetics - Past, Present and Further Perspectives
English. Inhaltliche Zusammenfassung: Cytogenetics - Past, Present, and Further Perspectives discusses events that influenced the development of cytogenetics as a specialty within biology, with special attention paid to methodological achievements developed worldwide that have driven the field forward. Improvements to the resolution of chromosome analysis followed closely the introduction of innovative analytical technologies. In that sense, this book reviews and provides a brief account of the structure of chromosomes and stresses the high structural conservation in different species with an emphasis on aspects that require further research. However, it should be kept in mind that the future of cytogenetics will likely depend on improved knowledge of chromosome structure and function.
⇒ Ausführliche Angaben: HT020309376

Soloneski, Sonia / Larramendy, Marcelo L.: Chromosomal Abnormalities - A Hallmark Manifestation of Genomic Instability
English. Inhaltliche Zusammenfassung: This edited book, Chromosomal Abnormalities - A Hallmark Manifestation of Genomic Instability, contains a series of chapters highlighting several aspects related to the generation of chromosomal abnormalities in genetic material. We are extremely grateful to the authors who had contributed with valuable information about the role of genomic instability in pathological disorders as well as in the evolution process.
⇒ Ausführliche Angaben: HT020308406

Soloneski, Sonia / Larramendy, Marcelo L.: Herbicides, Theory and Applications
English. Inhaltliche Zusammenfassung: The content selected in Herbicides, Theory and Applications is intended to provide researchers, producers and consumers of herbicides an overview of the latest scientific achievements. Although we are dealing with many diverse and different topics, we have tried to compile this raw material into three major sections in search of clarity and order - Weed Control and Crop Management, Analytical Techniques of Herbicide
Detection and Herbicide Toxicity and Further Applications. The editors hope that this book will continue to meet the expectations and needs of all interested in the methodology of use of herbicides, weed control as well as problems related to its use, abuse and misuse.

⇒ Ausführliche Angaben: HT020307699

Soloneski, Sonia / Larramendy, Marcelo L.: Soil Contamination - Current Consequences and Further Solutions
English. Inhaltsangaben: This edited book, Soil Contamination - Current Consequences and Further Solutions, is intended to provide an overview on the different environmental consequences of our anthropogenic activities, which has introduced a large number of xenobiotics that the soil cannot, or can only slower, decompose or degrade. We hope that this book will continue to meet the expectations and needs of all interested in diverse fields with expertise in soil science, health, toxicology, and other disciplines who contribute and share their findings to take this area forward for future investigations.

⇒ Ausführliche Angaben: HT020308115

Soloneski, Sonia / Larramendy, Marcelo: Pesticides - Use and Misuse and Their Impact in the Environment
English. Inhaltsangaben: The book, Pesticides - Use and Misuse and their Impact in the Environment, contains relevant information on diverse pesticides encountered in both anthropogenic and natural environments. This book provides valuable information about the toxicity of several agrochemicals that can negatively influence the health of humans and ecosystems.

⇒ Ausführliche Angaben: HT020309442

Somerset, Vernon S.: Intelligent and Biosensors
English. Inhaltsangaben: The use of intelligent sensors have revolutionized the way in which we gather data from the world around us, how we extract useful information from that data, and the manner in which we use the newly obtained information for various operations and decision making. This book is an attempt to highlight the current research in the field of Intelligent and Biosensors, thereby describing state-of-the-art techniques in the field and emerging new technologies, also showcasing some examples and applications.

⇒ Ausführliche Angaben: HT020307666

Sommer, Katharina: Imagentransfer zwischen Sponsoren auf verschiedenen Stufen einer Sponsoringpyramide

⇒ Ein Buch
- Freihand: BA 3359

⇒ Ausführliche Angaben: HT020314359

Sonar, Satish B.: Advances in Shoulder Surgery
English. Inhaltsangaben: The goal of this book is to provide readers with an update on recent developments in surgical treatment of some shoulder disorders. The perspective of this book involves highlighting management of complex shoulder conditions in better ways. This book is divided into four main sections: Repair involves chapters related to primary repair; Replacement section provides detailed perspective on shoulder replacement procedures for different conditions; Reconstruction includes a chapter on reconstructive procedures where primary repair is not possible; and lastly Rehab and Miscellaneous section includes
chapters on surgical management of rheumatoid arthritis and rehab. Individual chapters provide a base for a wide range of readers including students, professors, physiotherapists and orthopaedic surgeons, who will find in this book simply explained basics as well as advanced techniques of shoulder surgeries. The book consists of ten chapters, compiled by experts from institutes across the globe.

⇒ Ausführliche Angaben: HT020308665

Soneji, Jaya R. / Nageswara-Rao, Madhugiri: Advances in Biofuels and Bioenergy
English. Inhaltsliche Zusammenfassung: The worldwide consumption of fossil fuel continues to increase at unsustainable levels, which will lead to progressive scarcity, if immediate and innovative measures are not taken for its sustainable use. This scarcity necessitates the development of renewable and sustainable alternatives for fossil fuels. A possible solution to today’s energy challenges can be provided by biofuels. This book intends to provide the reader with a comprehensive overview of the current status and the future implications of biofuels. Diverse and aptly covered comprehensive information in this book will directly enhance both basic and applied research in biofuels and will particularly be useful for students, scientists, breeders, growers, ecologists, industrialists and policy makers. It will be a valuable reference point to improve biofuels in the areas of ecologically and economically sustainable bioenergy research.

⇒ Ausführliche Angaben: HT020308800

Soneji, Jaya R. / Nageswara-Rao, Madhugiri: Breeding and Health Benefits of Fruit and Nut Crops
English. Inhaltsliche Zusammenfassung: The fruit and nut crops are laden with health benefits. As people are becoming more conscious about their health and nutritional uptake, the worldwide demand and consumption of fruit and nut crops are steadily increasing. This has made it hard to keep pace between the rate of fruit and nut production and its consumption. To meet this increasing demand, there is a need to produce improved, better yielding, and high-quality fruit and nut crops. This book intends to provide the reader with a comprehensive overview of the current status and future prospects of fruit and nut crops. Such information covered in this book will directly enhance both basic and applied research in fruit and nut crops and will particularly be useful for students, scientists, researchers, teachers, breeders, policy-makers, and growers.

⇒ Ausführliche Angaben: HT020308769

English. Inhaltsliche Zusammenfassung: Tropical forests occupy only one-tenth of the world’s land area but are home to more than half of the world’s flora and fauna. They comprise extremely complex labyrinth of ecological interactions. The astounding richness and biodiversity of tropical forests are rapidly dwindling. There is a fear that the burgeoning human population and industrialization, where a majority of these tropical forests are found, may lead to the clearing or modification or may be a complete disappearance of the remaining tropical forests within few decades. This has severely altered the vital biogeochemical cycles of carbon, phosphorus, nitrogen, and so on and has led to the change in global climate and pristine natural ecosystems. Hence, there is an urgent need to protect, restore, conserve, and improve the forest resources before they are irrevocably lost. In this second edition of the book Tropical Forests, the chapters share the above issues and help in understanding, educating, and creating awareness on the role of tropical forests for the very survival of mankind, climate change, and the diversity of biota across the globe. This book will be of great use and could be useful to students, scientists, ecologists, population and conservation biologists, and forest managers across the globe.

⇒ Ausführliche Angaben: HT020308895
Song, Min / Nanseki, Teruaki: Food Safety and Agro-Environment in China: Perceptions and Behaviors of Farmers and Consumers
English. Inhaltliche Zusammenfassung: The prediction of Chinas rise is the subject of this book. The main ideas of this book are derived from Kanshokufuji, a new concept proposed by the chief editor of Prof. Nanseki, pertaining to a sound food system in a sound agro-environment. It implies that food supply and demand are non-separable in terms of location due to the importance of retaining the suitable condition of the environment and biodiversity in the region. This concept is necessary and useful for coping with environmental issues and related food safety issues. From this viewpoint, several integrated surveys in both rural and urban areas of China were conducted by the food risk research group at the Research Institute for East Asia Environments (RIEAE), Kyushu University to reveal the current status of the environment, food, and agriculture in this country. The results of the surveys are introduced in this book, along with implications and recommendations. We hope this book be referential for policy-makers, researchers and industry personnel relating to food, agriculture and environment.
⇒ Ausführliche Angaben: HT020307950

Sonntag, Selma K.; Turin, Mark: The Politics of Language Contact in the Himalaya
2019. 1 electronic resource (200 pages). ISBN 9781783747047, ISBN 9781783747061 Inhaltliche Zusammenfassung: This highly original and timely collection brings together case studies from salient areas of the Himalayan region to explore the politics of language contact. Promoting a linguistically and historically grounded perspective, The Politics of Language Contact in the Himalaya offers nuanced insights into language and its relation to power in this geopolitically complex region. Edited by respected scholars in the field, the collection comprises five new research contributions by established and early-career researchers who have been significantly engaged in the Himalayan region. Grounded in a commitment to theoretically informed area studies, and covering Tibet (China), Assam (India), and Nepal, each case study is situated within contemporary debates in sociolinguistics, political science, and language policy and planning. Bridging disciplines and transcending nation-states, the volume offers a unique contribution to the study of language contact and its political implications. The Politics of Language Contact in the Himalaya is essential reading for researchers in the fields of language policy and planning, applied linguistics, and language and literary education. The detailed introduction and concluding commentary make the collection accessible to all social scientists concerned with questions of language, and the volume as a whole will be of interest to scholars in anthropology, sociolinguistics, political science and Asian studies.
⇒ Ausführliche Angaben: HT020307350

Sorasio, Denise / Roth, Robert / de Kerchove, Gilles: Lespace pénal européen
reconnaissance mutuelle préfigure-t-elle la constitution d’un " territoire pénal européen " ? L’harmonisation des législations constitue-t-elle un premier pas vers un droit pénal européen ? Peut-on voir dans Eurojust une anticipation d’un procureur européen ? L’ouvrage est le fruit de la collaboration d’une équipe internationale composée d’académiques et de chercheurs, de praticiens de la justice, de fonctionnaires nationaux ou européens.
⇒ Ausführliche Angaben: HT020309755

Sorgentini, Hernán (Coord.) / Garguin, Enrique (Coord.) / Pérez, Alberto (Coord.): Formas del pasado: Conciencia histórica, historiografías, memorias
Spanish. Inhaltliche Zusammenfassung: El presente libro se concentra en lo que se considera su principal aporte colectivo: adentrarse en los debates acerca de la conciencia histórica como actividad práctica, como conciencia en acto. Concebirla de este modo y, por lo tanto, susceptible de ser indagada empíricamente, es una de las principales conclusiones a que llegó la reflexión colectiva y, al mismo tiempo, un hilo conductor de los distintos trabajos que componen el volumen. El libro en su conjunto investiga la conciencia histórica en acto desde distintos recortes temáticos: la producción historiográfica como espacio de formulación de conciencia histórica en que distintas nociones de estructura, sujeto y proceso interactúan de manera explícita; debates intelectuales y prácticas culturales en los que se ponen en juego formas diversas de articular pasado, presente y futuro; las controversias en torno a la memoria social del pasado reciente de radicalización política y represión dictatorial. En conjunto, se pone en foco la compleja conexión entre historia y filosofía para leer desde allí la lógica de ciertos cambios de perspectiva en el tratamiento del conocimiento histórico que construyen los sujetos. Por otra parte, se privilegia la mirada sobre las formas que adquiere el pasado en la sociedad argentina, analizando ciertos momentos que resultan claves en la construcción de una conciencia de nación; intervenciones cuestionadoras de los sentidos hegemónicos de sujeto, proceso histórico e identidad nacional; debates y controversias, en fin, como espacios y prácticas de reescritura de la historia nacional.
⇒ Ausführliche Angaben: HT020309706

Soriani, Alessandro: Sottobanco
Italian. Inhaltliche Zusammenfassung: Young pre-teens attending junior high schools are going through a very delicate period: they are not just engaged in a new and more complex school career but they are also engaged in their daily tasks of training and negotiating their identities and their roles in the different peer groups. This complex scenario is expanded by their first experiences, far from the eyes of adults, with technologies: tools that add, on the relational universe just described, an existential dimension that opens up new forms of communication mediated by digital contexts. Do technologies have an influence between the relational dynamics that take place between students and their peers and between students and teachers? Which kind of influence? What dynamics are involved? What kind of technology is at stake? Is there a relationship of influence between the relationships mediated by the digital contexts and the social climate of a learning environment? What kind of influence? How much do students rely on digital-enriched relationships to satisfy their relationship needs? What perception do students and teachers have of relational dynamics mediated by digital contexts? And what role do they give to the school in this problem? To try to provide an answer to these questions, the volume presents a phenomenology of the witness of 21 teachers and 365 boys and girls belonging to two Italian and two French schools.
⇒ Ausführliche Angaben: HT020307518

Soskice, David / Schettkat, Ronald / Buttler, Friedrich: Institutional Frameworks and Labor Market Performance
English. Inhaltliche Zusammenfassung: Institutional Frameworks and Labor Market Performance produces an in-depth analysis of the functioning of various labor market institutions
in both the USA and Germany. Particular emphasis is given to the substantial differences between the US and Germany in the ways important areas are regulated. The authors show that the impact of institutions on economic performance is ambivalent. They argue that in this sense, the decision is not one between regulation and deregulation but rather one between different degrees and forms of regulation.

⇒ Ausführliche Angaben: HT020310222


English. Inhaltsangabe: Scientific and technological development has led to the formulation of tailor-made materials, which have given rise to materials with new structural and industrial applications. This book aims to analyze the synthesis, characterization, and applications of ceramic materials. This includes an introduction to traditional and advanced ceramics, the use of traditional ceramic materials as ideal candidates for absorbing wastes, and the synthesis and characterization of advanced ceramics as nanoceramics, yttria ceramics, and electronic ceramics.

⇒ Ausführliche Angaben: HT020309301

**Sotskov, Yuri N. / Werner, Frank: Mathematics of Economics and Business**


English. Inhaltsangabe: For all students who wish to understand current economic and business literature, knowledge of mathematical methods has become a prerequisite. Clear and concise, with precise definitions and theorems, Werner and Sotskov cover all the major topics required to gain a firm grounding in this subject including sequences, series, applications in finance, functions, differentiations, differentials and difference equations, optimizations with and without constraints, integrations and much more. Containing exercises and worked examples, precise definitions and theorems as well as economic applications, this book provides the reader with a comprehensive understanding of the mathematical models and tools used in both economics and business.

⇒ Ausführliche Angaben: HT020310196

**Souchu, Philippe / Pennard, Alexandrine / Moatar, Florentina: Leutrophisation**


French. Inhaltsangabe: Eutrophication affects many lakes, reservoirs, rivers and coastal areas in France and throughout the world. It has a major disruptive effect on aquatic ecosystems and an impact on assets and associated services, human health and economic activities. This book sets out the available scientific knowledge on this phenomenon. It identifies existing levers for action and the national and international provisions introduced to monitor and combat eutrophication.

⇒ Ausführliche Angaben: HT020310370

**Soudant, Dominique / Belin, Catherine: Trente années d’observation des micro-algues et des toxines d’algues sur le littoral**


French. Inhaltsangabe: Rephy and Rephytox are coastal monitoring networks created by Ifremer. Their purpose is to observe the phytoplankton and associate hydrological parameters and to detect the algal toxins accumulating in shellfish. This work describes these networks before providing a global vision of data acquired during the last three decades. It shows the importance of series of environmental data acquired in the long term. It is useful to scientists working on marine ecosystems, but also to anyone interested in these problems.

⇒ Ausführliche Angaben: HT020310380
Soulard, Christophe-Toussaint / Michel, Laura / Debru, Julie: Construire des politiques alimentaires urbaines
French. Inhaltliche Zusammenfassung: This book describes the existing conceptual frameworks for an analysis of urban food policies at the crossroads of food system and sustainable city concepts. It serves as a basis to identify research issues in relation to local city government initiatives in the North and South.
⇒ Ausführliche Angaben: HT020310346

Sousi, Blanche / Smits, René / Sáinz de Vicuña, Antonio: Mélanges en hommage à Jean-Victor Louis
⇒ Ausführliche Angaben: HT020309760

Souza, Abraao Jesse Capistrano de: Trends in Modern Cosmology
English. Inhaltliche Zusammenfassung: The modern cosmology has been turned into an outstanding field of active research through the years. Today, we have more scientific data in modern cosmology than we could get rid of it, which makes the present days an exciting era for scientific knowledge. Trends in Modern Cosmology invites the reader to tackle the big questions of the universe from cultural aspects of cosmology and its influence on arts, philosophy, and politics to more specialized technical advances in the field as the physics of dark sector, black holes, galaxies, large structure formation, and particles. In fact, it reveals our endless searching for the better understanding of the universe as a legacy of knowledge for next generations.
⇒ Ausführliche Angaben: HT020308292

Souza Lessa, Fábio de (Comp.) / Zecchin de Fasano, Graciela (Comp.): Literatura y Cultura en la Grecia Antigua
Spanish. Inhaltliche Zusammenfassung: Si bien el concepto de literatura puede presentar aspectos polémicos en la cultura griega antigua, ella se constituye como una definición aplicada al conjunto de textos antiguos en el contexto de su producción, interpretación y posterior recepción, es decir en la medida en que ellos se convierten en vehículos de diseminación pública de ideología y relaciones de poder. El libro propone una reflexión sobre la absorción de las relaciones de poder en la narrativa épica, en las voces marginalizadas de las mujeres homéricas y en el modo en que el mito permite una cartografía del poder en la narrativa hesiódica. Además de ello, se propone una discusión de las instituciones de la ciudadanía a través de la poesía que “literariza” un ritual funeral y de las definiciones de las figuras paternas o de alteridad como los extranjeros en la tragedia. La interpelación al ritual de súplica como práctica social realizada en la parodia de la comedia aristofánica y en el proyecto político de la República de Platón se acompaña con una reflexión final sobre otro contenido cultural, el agón atlético textualizado por Filóstatro en el marco de la segunda sofística. De tal manera, el libro procura ofrecer un itinerario amplio en que se discuten manifestaciones culturales que se conforman en la literatura, en distintos géneros discursivos y en distintos ejes temporales, que aportarán a los estudiosos un profícuo enfoque de la Grecia Antigua en sus textos.
⇒ Ausführliche Angaben: HT020309670

Soydal, Cigdem: Radionuclide Treatments
English. Inhaltliche Zusammenfassung: This book has been designed to give a brief information on the development and current status of radionuclide treatments. Today, despite most
of them have been accepted experimentally in the clinical guidelines, the number of the radio-
nuclide treatments has been increasing gradually. Theranostic concept is the leading cause
for this increase. Behind the radiiodine treatment for benign and malignant thyroid dise-
as, other radionuclide treatments that consist of I-131 metaiodobenzylguanidine therapy for
neuroectodermal tumors, radionuclide pain palliation for bone metastases, radiosynovecto-
my, and selective internal radiation therapy were included in the book. All the chapters have
been written by experienced nuclear medicine physicians.
⇒ Ausführliche Angaben: HT020308352

Sozen, Hasan: Fitness Medicine
English. Inhaltsliche Zusammenfassung: Although fitness and health have similar properties,
they are, in reality, two very different concepts. While health refers to the absence of diseases,
fitness refers to the degree of body functioning and the ability of the body to handle physical
demands. The more efficient the body functions, the higher the level of fitness. The higher the
level of fitness, the greater the chance of the body being free of diseases and maintaining a
healthy state.
⇒ Ausführliche Angaben: HT020308072

Spahiu, Fabian: Der Einfluss von chronischem Krafttraining auf die αB-
Crystallin Gesamtmenge im humanen Skelettmuskel
von Fabian Spahiu. 2019. 41 Blätter. - Bachelorarbeit, Deutsche Sporthochschule, Köln,
2019.
⇒ Ein Buch
   - Freihand: BA 3360
⇒ Ausführliche Angaben: HT020314363

Spasovski, Dusko: Developmental Diseases of the Hip - Diagnosis and Ma-
nagement
English. Inhaltsliche Zusammenfassung: There is a long list of diseases and traumatic events
that affect hip joint, but none as persistent, as elusive and with profound consequences as
developmental dysplasia. For many centuries, we have been struggling with its consequences
while trying to understand the reasons how and why such a stable joint eventually becomes
dysfunctional and how to prevent it. Some of the greatest achievements in operative orthopa-
edics have been introduced in the effort to treat developmental dysplasia of the hip. This book
offers a contemporary approach to developmental dysplasia of the hip, covering various clini-
cally relevant aspects - historical and epidemiological considerations, biomechanical analysis,
conservative methods and operative treatment procedures.
⇒ Ausführliche Angaben: HT020308221

Speer, Kevin: Einfluss eines Krafttrainings mit externem
Geschwindigkeits-Feedback auf die Sprungleistung bei Mannschafts-
und Kraftsportlern
von Kevin Speer. 2019. VII, 55 Blätter. - Bachelorarbeit, Deutsche Sporthochschule, Köln,
2019.
⇒ Ein Buch
   - Freihand: BA 3361
⇒ Ausführliche Angaben: HT020314456

Sperança, Márcia Aparecida: Dengue - Immunopathology and Control
Strategies
English. Inhaltsliche Zusammenfassung: This edited book Dengue - Immunopathology and
Control Strategies contains eight chapters divided in three sections that underline important
aspects of dengue virus, the most prevalent and life-threatening arbovirus in the world, includ-
ing virus replication cycle and pathology, diagnostic methods, and control. The first section
brings knowledge on basic aspects of dengue virus replication which can be associated to its immunopathology. The second section includes two chapters on dengue diagnosis and emphasizes that in spite of the many scientific efforts, this subject continues to be a drawback in the disease control. Vector-based control strategies are discussed in the third section which also contains a chapter on regulation of dengue vaccines and the experience of Mexico in the implementation of the unique registered dengue vaccine.

⇒ Ausführliche Angaben: HT020308371

Spicker, Paul: Liberty, equality, fraternity
English. Inhaltliche Zusammenfassung: Available Open Access under CC-BY-NC licence. Paul Spickers new book takes the three founding principles of the French Revolution - Liberty, Equality, Fraternity - and examines how they relate to social policy today. The book considers the political and moral dimensions of a wide range of social policies, and offers a different way of thinking about each subject from the way it is usually analysed.

⇒ Ausführliche Angaben: HT020310459

Spießbächler, Thomas / Prontera, Grazia / Kirchmayr, Birgit: Außerordentliches

⇒ Ausführliche Angaben: HT020307622

Spieß, Constanze / Köpcke, Klaus-Michael: Metapher und Metonymie. Theoretische, methodische und empirische Zugänge
German. Inhaltliche Zusammenfassung: The contributions of this volume examine the phenomena of metaphor and metonymy from different perspectives. They adopt current tendencies in metaphor and metonymy research, discuss theoretical and methodological questions based on empirical analyses, and outline new approaches in both single-language and cross-linguistic research.

⇒ Ausführliche Angaben: HT020309912

Sportiche, Dominique: Partitions and Atoms of Clause Structure
English. Inhaltliche Zusammenfassung: This collection brings together some of Dominique Sportiches best work, including essays that are published here for the first time. The articles discuss the architecture of syntax in natural languages and Sportiche suggests that languages do not differ at all in their syntactic organization. This view takes shape through the analysis of a variety of syntactic configurations and essays examine what it means to be a Subject, how Case marking functions, how it relates to Agreement, and how Pronominal Clitic Constructions should be analyzed.

⇒ Ausführliche Angaben: HT020310174

Sprang, Christian: Grand Opéra vor Gericht
Sprenger, Florian: Epistemologien des Umgebens
German. Inhaltliche Zusammenfassung: The rise of the term environment to describe the present marks the influence that reflection on environmental relations and the possibility of engineering artificial environments have gained since the mid-nineteenth century. In closed artificial worlds such as space stations or artificial ecosystems, the entanglement of the environment with the surrounding organisms becomes the subject of a biopolitics that today opens up new spaces in autonomous environmental control technologies. Florian Sprenger pursues this transformation of ecological environmental knowledge with the aim of better understanding current technologies, making the term understandable and highlighting the biopolitical dimension of each ecology.

Sprenger, Florian / Schrape, Niklas / Löffler, Petra: Ökologien der Erde
German.

Sprigings, Nigel / Somerville, Peter: Housing and Social Policy
English. Inhaltliche Zusammenfassung: This topical book transforms the analysis of housing problems into a lively, interesting and contentious subject of social scientific study, addressing themes of residential experience, inclusion/empowerment, sustainability and professionalism/managerialism, which lie at the heart of the housing and social policy debate. Each chapter considers a specific social category - such as class, gender, or disability - and evaluates the experience and understanding of housing and social policy under this category. With innovative approaches to conceptualising housing and a clear, defined structure, Housing and Social Policy encourages students and practitioners in both arenas to think reflexively about housing as a central instrument of social policy and social experience.

Sriramulu, Dinesh: Progress in Understanding Cystic Fibrosis
English. Inhaltliche Zusammenfassung: Congenital defects in humans are of greater concern, and in that line, cystic fibrosis (CF) has been one of the most complex diseases posing treatment challenge till date. Though it is a chronic condition, CF is closely associated with dysfunction of various organ systems of the human body, which in turn results in secondary infections by microbes. Decades of research by scientists worldwide has narrowed down the cause of CF to a single target gene. But the complexity of the disease is the prime impediment to finding a single-shot cure. Fortunately, the multidisciplinary approach toward understanding and management of the CF condition has certainly increased the level of life expectancy among CF patients. In particular, the omics and the systems biology approach have greatly widened the focal area for better understanding of the disease. This book includes a collection of interesting chapters contributed by eminent scientists around the world who have been striving to improve the life of those affected by CF..

Sriramulu, Dinesh: Pseudomonas Aeruginosa - An Armory Within
English. Inhaltliche Zusammenfassung: Pseudomonas aeruginosa, though unfamiliar as an aggressive invader, has gained importance in the scientific community due to its association with cystic fibrosis (CF) and its ability to construct biofilms resilient to host defense. The chronic nature of CF allows this bacterium to colonize, adapt, and evolve at its own pace.
thereby causing further complications in CF patients. With its huge genetic repertoire and plasticity of the genome, P. aeruginosa has been able to alter its contents by way of deletions, insertions, inversions, and so on. Therefore scientists and researchers are eager to study this bacterium in diverse and unusual niches. Written by experts from around the world, this book describes and discusses the various mechanisms of adaptation and evolution displayed by P. aeruginosa.

⇒ Ausführliche Angaben: HT020309516

Srivastava, Ruby: Recent Development in Optoelectronic Devices
English. Inhaltliche Zusammenfassung: The book Recent Developments in Optoelectronic Devices is about the latest developments in optoelectronics. This book is divided into three categories: light emitting devices, sensors, and light harvesters. This book also discusses the theoretical aspects of device design for iridium complexes as organic light emitting diodes (OLEDs), strategies for developing novel nanostructured materials, silicon-rich oxide (SRO) electroluminescent devices, and multifunctional optoelectronic devices developed on resistive switching effects. The worldwide participation of authors has contributed to the unifying effect of science. Furthermore, interested readers will also find information on the screen printed technology using semiconductor devices, nonlinear phenomena in quantum devices, experimental set up of optoelectronics flexible logic gate to realize logic operations, autonomous vehicles, and the latest developments in perovskites as solar cells.

⇒ Ausführliche Angaben: HT020308926

Srivastava, Supriya: Histopathology - An Update
English. Inhaltliche Zusammenfassung: This book, Histopathology-An Update is a comprehensive book that deals with the latest advances in the field of histopathology. This book will be of help to pathologists, clinicians and researchers in the latest update in histopathology of various organs.

⇒ Ausführliche Angaben: HT020308981

Srour, Hassan / Karame, Iyad: Green Chemical Processing and Synthesis
English. Inhaltliche Zusammenfassung: Sustainable development and alternative energy constituted urgent needs in the last decade. Renewable chemicals, energy and bio-resource use became challenging topics in the sustainable, renewable and green sciences. This encourages and turns primordial needs the works in certain fields as developing of new and green catalysts for chemical transformations, in the domains of energy, environmental, pharmaceutical, agro-alimentary and cosmetically applications; evaluation of bio-resources compounds largely available for many applications in energy or as additives to fuels and other applications, reduction and conversion of greenhouse gas as well as developing new synthesis routes by avoiding the use of toxic and environmentally damage materials. In this book, the recent sustainable and green process is presented in three sections: Greenhouse Gas Conversion Efficiency in Microwave, Biomass Green Process and Green Synthesis and Catalysis.

⇒ Ausführliche Angaben: HT020308331

Srour, Hassan / Shaya, Janah / Karamé, Iyad: Carbon Dioxide Chemistry, Capture and Oil Recovery
English. Inhaltliche Zusammenfassung: Fossil fuels still need to meet the growing demand of global economic development, yet they are often considered as one of the main sources of the CO2 release in the atmosphere. CO2, which is the primary greenhouse gas (GHG), is periodically exchanged among the land surface, ocean, and atmosphere where various creatures absorb and produce it daily. However, the balanced processes of producing and consuming the CO2 by nature are unfortunately faced by the anthropogenic release of CO2. Decreasing the emissions of these greenhouse gases is becoming more urgent. Therefore, carbon sequestration and storage (CSS) of CO2, its utilization in oil recovery, as well as its conversion
into fuels and chemicals emerge as active options and potential strategies to mitigate CO2 emissions and climate change, energy crises, and challenges in the storage of energy.

⇒ Ausführliche Angaben: HT020308910

**Stadler-Altmann, Ulrike: Genderkompetenz in pädagogischer Interaktion**


German. Inhaltliche Zusammenfassung: Geschlechterstereotypen werden in Unterricht und Erziehung gewollt oder ungewollt transportiert. Von Jungen erwarten wir eher Stärke und Unkonzentriertheit, von Mädchen eher Fleiß und Angepasstheit. Diese Problemform wird in Lehrerausbildungen bereits lange thematisiert. Die AutorInnen diskutieren die von Lehrkräften geforderte Genderkompetenz aus verschiedenen Blickwinkeln und bieten Anregungen für die schulische Praxis. Dabei werden auch Aspekte für die Weiterentwicklung einer wissenschaftlich fundierten Lehrerausbildung hinsichtlich eines genderkompetenten Lehrens und Lernens thematisiert.; Gender stereotypes are transported intentionally or unintentionally into teaching and education. We rather expect strength and lack of concentration from boys, diligence and adaptability from girls. This problem has long been addressed in teacher training courses. The authors discuss the gender competence demanded by teachers from different perspectives and offer suggestions for school practice. Aspects for further development of scientifically founded teacher training with regard to gender-competent teaching and learning is also discussed.

⇒ Ausführliche Angaben: HT020310463

**Stadler-Altmann, Ulrike: Lernumgebungen**


German. Inhaltliche Zusammenfassung: In erfolgreichen, guten Schulen werden Lehren und Lernen durch die bauliche Umgebung bestmöglich unterstützt - aus Schul- und Lernräumen sollten also Lebensräume werden. Um dies zu erreichen müssen erziehungswissenschaftliche, architekturpsychologische und architektonische Ansprüche in Einklang gebracht werden. Die AutorInnen nähern sich dem Thema der pädagogischen Schulraumgestaltung aus ihren jeweiligen Disziplinen und eröffnen Wege für eine optimale Schul- und Klassenzimmernutzung.; In successful, good schools, teaching and learning are best supported by the structural environment - school and learning spaces should therefore become living spaces. In order to achieve this, educational science, architectural psychology and architectural requirements must be brought into harmony. The authors approach the topic of pedagogical schoolroom design from their respective disciplines and open up ways for optimal school and classroom design.

⇒ Ausführliche Angaben: HT020310481

**Staicu, Gabriel Ilie: Poverty, Inequality and Policy**


English. Inhaltliche Zusammenfassung: What is poverty and how do we measure it? What is the link between inequality and poverty? What can governments do to alleviate poverty and inequality? Does economic growth reduce poverty in the long run? These are some important research questions that are addressed in this book. It brings together important researchers and university professors to offer some analytical insights into the field of poverty, inequality, and public policies. Using quantitative and qualitative research methods, the authors examine issues relating to (a) contextual, academic, and cognitive differences between rural and urban poverty; (b) the impact of inequality on poverty; (c) theoretical considerations and empirical findings about poverty and inequality with a special reference to Croatia and Pakistan; (d) the role of trade facilitation in reducing poverty in South Asia; and (e) the impact of trade liberalization on economic growth and poverty implications with a special reference to Sri Lanka. The reader of this book will find it concise, with a clearly defined research methodology and findings, and easy to understand. Benefiting of recent statistical data and practical experience from various countries around the world, the findings and conclusions might be helpful to academia and policy makers to find better answers to poverty and inequality in the future.

⇒ Ausführliche Angaben: HT020308455
Stanimirovi?, Zdravko / Stanimirovi?, Ivanka: Temperature Sensing
English. Inhaltliche Zusammenfassung: Temperature is the most often-measured environmental quantity and scientists are continuously improving ways of sensing it. To present their work in the field of temperature sensing, researchers from distant parts of the world have joined their efforts and contributed their ideas according to their interest and engagement. Their articles will give you the opportunity to understand concepts and uses of fiber-optic sensing technology. The optical fiber Mach-Zehnder interferometer for temperature sensing is presented, as well as the optical fiber-distributed temperature sensor and fiber Bragg grating-based sensor. You can learn about tunable diode laser absorption spectroscopy and its various industrial applications. Last but not least, cutting temperature measurements during the machining of aluminum alloys provides us with an insight into the correlation between cutting conditions, mechanical strength of the aluminum alloy, and the cutting temperature measured using the tool-workpiece thermocouple system. The editors hope that the presented contributions will allow both professionals and readers not involved in the immediate field to understand and enjoy the topic.
⇒ Ausführliche Angaben: HT020308872

Stauffer, Mark T.: Applications of Molecular Spectroscopy to Current Research in the Chemical and Biological Sciences
English. Inhaltliche Zusammenfassung: The goal of this book is to present an overview of applications of molecular spectroscopy to investigations in organic and inorganic materials, food-stuffs, biosamples and biomedicine, and novel characterization and quantitation methods. This text is a compilation of selected research articles and reviews covering current efforts in various applications of molecular spectroscopy. Sections 1 and 2 deal, respectively, with spectroscopic studies of inorganic and organic materials. Section 3 provides applications of molecular spectroscopy to biosamples and biomedicine. Section 4 explores spectroscopic characterization and quantitation of foods and beverages. Lastly, Section 5 presents research on novel spectroscopic methodologies. Overall, this book should be a great source of scientific information for anyone involved in characterization, quantitation, and method development.
⇒ Ausführliche Angaben: HT020308043

Stauffer, Mark T.: Calibration and Validation of Analytical Methods - A Sampling of Current Approaches
English. Inhaltliche Zusammenfassung: This book seeks to introduce the reader to current methodologies in analytical calibration and validation. This collection of contributed research articles and reviews addresses current developments in the calibration of analytical methods and techniques and their subsequent validation. Section 1, Introduction, contains the Introductory Chapter, a broad overview of analytical calibration and validation, and a brief synopsis of the following chapters. Section 2 Calibration Approaches presents five chapters covering calibration schemes for some modern analytical methods and techniques. The last chapter in this section provides a segue into Section 3, Validation Approaches, which contains two chapters on validation procedures and parameters. This book is a valuable source of scientific information for anyone interested in analytical calibration and validation.
⇒ Ausführliche Angaben: HT020308670

Stauffer, Mark T.: Ideas and Applications Toward Sample Preparation for Food and Beverage Analysis
English. Inhaltliche Zusammenfassung: The goal of this book is to present an overview of applications and ideas toward sample preparation methods and techniques used in analysis of foods and beverages. This text is a compilation of selected research articles and reviews dealing with current efforts in the application of various methods and techniques of sample preparation to analysis of a variety of foods and beverages. The chapters in this book are divided into two broad sections. Section 1 deals with some ideas for methods and techniques that
are applicable to problems that impact the analysis of foods and beverages and the food and beverage industries overall. Section 2 provides applications of sample preparation methods and techniques toward determination of specific analytes or classes of analytes in various foods and beverages. Overall, this book should serve as a source of scientific information for anyone involved in any aspect of analysis of foods and beverages.

⇒ Ausführliche Angaben: HT020308515

**Stavrou, Vasilios N.: Heterojunctions and Nanostructures**
English. Inhaltsübersicht: The current book entitled Heterojunctions and Nanostructures is divided into two sections. In Section 1, the chapters are related to topological insulators where their theoretical aspects, their current experiments, and their applications are presented. A few presented topics are, among others, the topological phases of matter, band topology of insulators and also of Weyl semimetals, transport properties of 3D topological insulator quantum wires and the influence of disorder, transport properties of quasi-1D (and 2D) topological surface states, quantum coherence, and topological insulator thin-film Hall bar device. In Section 2, the chapters are related to light devices such as laser diodes and their fabrication techniques. This section includes, among others, topics such as semiconductor quantum nanowire laser diodes, solutions of Schrödinger equation in nanostructures, numerical methods, light-to-electricity conversion devices, photoexcited carrier transport in process in quantum wells and quantum dots, growth mode and characterization of heterostructure of large lattice mismatch, and photoionization cross section.

⇒ Ausführliche Angaben: HT020308642

**Stavrou, Vasilios N.: Nonmagnetic and Magnetic Quantum Dots**
English. Inhaltsübersicht: The book entitled Nonmagnetic and Magnetic Quantum Dots is divided into two sections. In Section 1, the chapters are related to nonmagnetic quantum dots and their applications. More specifically, exact models and numerical methods have been presented to describe the analytical solution of the carrier wave functions, the quantum mechanical aspects of quantum dots, and the comparison of the latter to experimental data. Furthermore, methods to produce quantum dots, synthesis techniques of colloidal quantum dots, and applications on sensors and biology, among others, are included in this section. In Section 2, a few topics of magnetic quantum dots and their applications are presented. The section starts with a theoretical model to describe the magnetization dynamics in magnetic quantum dot array and the description of dilute magnetic semiconducting quantum dots and their applications. Additionally, a few applications of magnetic quantum dots in sensors, biology, and medicine are included in Section 2.

⇒ Ausführliche Angaben: HT020308642

**Stavrou, Vasilios N.: Phonons in Low Dimensional Structures**
English. Inhaltsübersicht: The field of low-dimensional structures has been experiencing rapid development in both theoretical and experimental research. Phonons in Low Dimensional Structures is a collection of chapters related to the properties of solid-state structures dependent on lattice vibrations. The book is divided into two parts. In the first part, research topics such as interface phonons and polaron states, carrier-phonon non-equilibrium dynamics, directional projection of elastic waves in parallel array of N elastically coupled waveguides, collective dynamics for longitudinal and transverse phonon modes, and elastic properties for bulk metallic glasses are related to semiconductor devices and metallic glasses devices. The second part of the book contains, among others, topics related to superconductor, phononic crystal carbon nanotube devices such as phonon dispersion calculations using density functional theory for a range of superconducting materials, phononic crystal-based MEMS resonators, absorption of acoustic phonons in the hyper-sound regime in fluorine-modified carbon nanotubes and single-walled nanotubes, phonon transport in carbon nanotubes, quantization of phonon thermal conductance, and phonon Anderson localization.
Stavrou, Vasilios N.: Quantum Cascade Lasers
English. Inhaltliche Zusammenfassung: The book Quantum Cascade Lasers is divided into two sections. More specifically, in Section 1, the calculations on the band structure of cascade lasers and on the electronic band structure of QCL (e.g., transfer matrix technique, finite element method, and variational method, among others) under the existence of an applied electric field are presented. Moreover, a detailed investigation of electrical and optoelectronic properties of multiple-quantum-well structure is carried out. Furthermore, a theoretical study on the intensity noise characteristics of quantum-cascade lasers under the external noncoherent optical injection is carried out. This section ends with an important description on growth methods for QCLs and the possibility of developing GaN-based QCLs among other materials. A few applications of cascade laser structures like power amplification and THz applications are presented, among others, in Section 2. The THz QCL design and fabrication toward the high-temperature and large-average output power operations for the real applications are described. Furthermore, the importance of the power amplification and coherent combination techniques to improve the output power maintaining the single-mode operation is presented.

Stawicki, Stanislaw P. / Firstenberg, Michael S.: Vignettes in Patient Safety - Volume 1
English. Inhaltliche Zusammenfassung: It is clearly recognized that medical errors represent a significant source of preventable healthcare-related morbidity and mortality. Furthermore, evidence shows that such complications are often the result of a series of smaller errors, missed opportunities, poor communication, breakdowns in established guidelines or protocols, or system-based deficiencies. While such events often start with the misadventures of an individual, it is how such events are managed that can determine outcomes and hopefully prevent future adverse events. The goal of Vignettes in Patient Safety is to illustrate and discuss, in a clinically relevant format, examples in which evidence-based approaches to patient care, using established methodologies to develop highly functional multidisciplinary teams, can help foster an institutional culture of patient safety and high-quality care delivery.

Stead, Victoria / Altman, Jon: Labour Lines and Colonial Power
English. Inhaltliche Zusammenfassung: Today, increases of so-called 'low-skilled' and temporary labour migrations of Pacific Islanders to Australia occur alongside calls for Indigenous people to 'orbit' from remote communities in search of employment opportunities. These trends reflect the persistent neoliberalism within contemporary Australia, as well as the effects of structural dynamics within the global agriculture and resource extractive industries. They also unfold within the context of long and troubled histories of Australian colonialism, and of complexes of race, labour and mobility that reverberate through that history and into the present. The contemporary labour of Pacific Islanders in the horticultural industry has sinister historical echoes in the 'blackbirding' of South Sea Islanders to work on sugar plantations in New South Wales and Queensland in the late nineteenth and early twentieth centuries, as well as in wider patterns of labour, trade and colonisation across the Pacific region. The antecedents of contemporary Indigenous labour mobility, meanwhile, include forms of unwaged and highly exploitative labouring on government settlements, missions, pastoral stations and in the pearling industry. For both Pacific Islanders and Indigenous people, though, labour mobilities past and present also include agentive and purposeful migrations, reflective of rich cultures and histories of mobility, as well as of forces that compel both movement and immobility. Drawing together historians, anthropologists, sociologists and geographers, this book critically explores experiences of labour mobility by Indigenous peoples and Pacific Islanders, including Maori, within Australia. Locating these new expressions of labour mobility within historical patterns of movement, contributors interrogate the contours and continuities of Australian coloniality in its diverse and interconnected expressions.
⇒ Ausführliche Angaben: HT020307508

Steel, Susannah: 365 Babyspiele für jeden Tag
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
- 610DNB 610DNB
⇒ DDC (Dewey Decimal Classification):
- 61023sdnb 61023sdnb
⇒ Ausführliche Angaben: HT020311528

Steele, James / Shennan, Stephen: The Archaeology of Human Ancestry
English. Inhaltliche Zusammenfassung: Human social life is constrained and defined by our cognitive and emotional dispositions, which are the legacy of our foraging ancestors. But how difficult is it to reconstruct the social systems and cultural traditions of those ancestors? The Archaeology of Human Ancestry provides a stimulating and provocative answer, in which archaeologists and biological anthropologists set out and demonstrate their reconstructive methods. Contributors use observations of primates and modern hunter-gatherers to illuminate the fossil and artefactual records. Thematic treatment covers the evolution of group size; group composition and the emotional structure of social bonds; sexual dimorphism and the sexual division of labour; and the origins of human cultural traditions. The Archaeology of Human Ancestry is an essential introduction to the subject for advanced undergraduates and researchers in archaeology and biological anthropology. It will also be used by workers in psychology, sociology and feminist studies as a resource for understanding human social origins.
⇒ Ausführliche Angaben: HT020310117

Stefansen, Kari / Bruvik Heinskou, Marie / Skilbrei, May-Len: Rape in the Nordic Countries
English. Inhaltliche Zusammenfassung: While the Nordic countries are listed at the top in most international rankings of gender equality and citizens’ feelings of security, studies on the prevalence of sexual victimisation present a different picture, suggesting that the very countries that have invested much in establishing gender equality actually see a high prevalence of sexual violence. This book sheds light on the phenomenon and construction of rape and other forms of sexual violence within the Nordic region, exploring the ways in which rape and sexual violence are dealt with through criminal law and considering governmental policies aimed at combatting it, with a special focus on legal regulations and developments. Thematically organised, it offers new research on perpetrators, victimhood, criminal justice and prevention. Multi-disciplinary in approach, it brings together the latest work from a range of scholars to offer insights into the situation in the five Nordic countries, asking how and why rape and other forms of sexual violence occur, whilst also addressing the timely issues of online sexual cultures, BDSM and the grey areas of sexual offences. As such, it will appeal to scholars of sociology, criminology and law with interests in gender and sexual violence.
⇒ Ausführliche Angaben: HT020309870

Steffensky, Mirjam / Ramseger, Jörg / Molitor, Heike: Zieldimensionen für Multiplikatorinnen und Multiplikatoren früher MINT-Bildung
German. Inhaltliche Zusammenfassung: Im Rahmen der Schriftenreihe “Wissenschaftliche Untersuchungen zur Arbeit der Stiftung „Haus der kleinen Forscher“ werden regelmäßig wissenschaftliche Beiträge von renommierten Expertinnen und Experten aus dem Bereich

⇒ Ausführliche Angaben: HT020310486

Stegner, Stefan: Zwischen Souveränität und Ökonomie
de. Inhaltliche Zusammenfassung: International social law is often considered a technocratic matter only certain experts of welfare state administration and judicature have to deal with. This study argues to the contrary that the international coordination of social security systems expresses membership statuses to state entities. By analysing the political functionality of nationalisation and transnationalisation of social rights, it becomes evident that membership in welfare states is constructed by sovereign and economic rationalities. The latter serve as door-openers for national welfare states. Taking juridical and socio-philosophical concepts of membership of individuals in state entities as a starting point, the study analyses the legal history of exclusion of Polish workers in German social insurance from the late German Kaiserreich until the end of WWII using archival sources. It concludes by applying the findings to the debate on social human rights.

⇒ Ausführliche Angaben: HT020307615

Steiger, Dominik / Schaks, Nils / Botha, Henk: Das Ende des repräsentativen Staates? Demokratie am Scheideweg - The End of the Representative State? Democracy at the Crossroads
DE. Inhaltliche Zusammenfassung: The legitimacy of the state’s authority is in crisis, as one is informed from all quarters. The future of representative democracy is in danger, and the era of post-democracy has been proclaimed. One of the most pressing constitutional and policy discussions in recent years has accordingly been whether, and to what extent, the representative system has reached its limits and how democracy can be revitalised. The debate has been ignited at the parliamentary as well as at the administrative level. This phenomenon can be observed in Germany and South Africa alike. Despite the differences between South Africa and Germany, both States’ constitutions provide for a federal parliamentary system and a powerful constitutional court. The conference proceedings develop possible solutions for solving the challenges to the principle of democracy. After the initial diagnosis of the loss of the legitimation of the representative state, possible cures inherent in the representative system itself are explored. In a further step, it is asked to what extent more participation on the legislative as well as the executive level can help to strengthen the legitimation of the state.

⇒ Ausführliche Angaben: HT020307573

Steinert, Ulrike: Chapter Uterus
German|English|French. Inhaltliche Zusammenfassung: Assyriology; Mesopotamia; Ancient Near East.

⇒ Ausführliche Angaben: HT020310498

Stekeler-Weithofer, Pirmin: Eine Kritik juridischer Vernunft
de. Inhaltliche Zusammenfassung: Hegels Rechtsphilosophie ist eine Art Logik der bürgerlichen Person im Sinne eines begrifflichen Kommentars zur Institution rechtsstaatlicher Gesetze. Sie analysiert methodische Stufen in der Ordnung explizit geregelter Praxisformen und kritisiert das klassische Naturrecht in seinem Intuitionismus und Kants Ethik in ihrem Formalismus. Das Institut des Eigentums rekonstruiert sie als erfahrungsgesättigte sittliche Form

⇒ Ausführliche Angaben: HT020307591

**Stengele, Martin: 4XF Functional Training Basic**

⇒ Ein Medium
- Freihand:
  ⇒ DDC (Dewey Decimal Classification):
    - 610DNB 610DNB
  ⇒ DDC (Dewey Decimal Classification):
    - 61023sdbn 61023sdbn
⇒ Ausführliche Angaben: HT020312491

**Stengers, Jean / Seiler, Daniel-Louis / Martin, Pierre: Le mode de scrutin fait-il l’élection ?**

⇒ Ausführliche Angaben: HT020309746

**Stepman, Francois / Njobeh, Patrick Berka: Mycotoxins - Impact and Management Strategies**
English. Inhaltsübersicht: This Edited Volume Mycotoxins - Impact and Management Strategies is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field of Mycotoxicology. The book comprises of single chapters authored by various researchers and edited by an expert active in
this research area. This book is divided into three sections. Section 1 consists of one chapter that gives an overview of the socioeconomic impact of mycotoxins. Section 2 has five chapters that address the prevention and control of aflatoxins both at pre- and post-harvest stages. Section 3 has two chapters that deal with health impact and control in the poultry industry. This publication aims at providing a thorough overview of the latest research efforts in the field and opens new possible research paths for further novel developments in addressing the problem of mycotoxins.

⇒ Ausführliche Angaben: HT020309465

**Stepniewski, Andrzej / Grundas, Stanislaw: Advances in Agrophysical Research**


English. Inhaltliche Zusammenfassung: The idea of this book was born due to the rapid increase of the interest in excellence of agricultural production in the aspect of both - the quality of raw material for food production as well as in the aspect of environment protection. Agrophysics is a field of science that focuses on the quality of agriculture as a whole, i.e., the interaction between human and environment, especially the interaction between soil, plant, atmosphere and machine. Physics with its laws, principles and rules is a good tool for description of the interactions, as well as of the results of these interactions. Some aspects of chemistry, biology and other fields of science are also taken under consideration. This interdisciplinary approach can result in holistic description of processes which should lead to improvement of the efficiency of obtaining the raw materials to ensure a sufficient amount of food, safe for human health. This book could be regarded as the contribution to this description. The reader can find some basic as well, as more particular aspects of the contemporary agriculture, starting with the soil characteristics and treatment, plant growth and agricultural products' properties and processing.

⇒ Ausführliche Angaben: HT020307965

**Stettler, Christian: Das letzte Gericht**


German. Inhaltliche Zusammenfassung: Christian Stettler shows how the expectation of the last judgment developed from the classical prophets to Jesus. Deeply rooted in ancient royal ideology and world-order tradition, the various expectations of a last judgment are ultimately unified by the hope that YHWH would establish his kingdom by means of a universal judgment. While early Jewish movements and texts agree that only those who are just according to the Torah will be part of this kingdom, the question of who the just are and how a person becomes just is answered in different ways. From here E. P. Sanders' influential covenantal nomism theory is critically analyzed. - John the Baptist and Jesus are part of the apocalyptic movement. A new element in Jesus teaching is that he expects himself and his death to play a decisive part in the last judgment.

⇒ Ausführliche Angaben: HT020307366

**Stettler, Christian: Der Kolosserhymnus**


German. Inhaltliche Zusammenfassung: Christian Stettler attempts a new way of interpreting the hymns in Col 1:15-20. Starting from its Judeo-Christian backdrop he analyses the form of the text against the background of the Psalm literature found in the Old Testament and early Jewish writings and interprets the text against the background of Old Testament and early Jewish traditions. Christian Stettler shows the development of the whole complexes of traditions which are responsible for the Colossian hymn. It becomes evident that Col 1:15-20 - an implicit christological midrash - is a concise and organic entity which can be interpreted without assuming additions to an original text. In early Jewish Wisdom theology most of the traditions which stand behind the hymn are already connected, but only the life, death and resurrection of Jesus made the formulation of the present hymn possible.

⇒ Ausführliche Angaben: HT020307619

**Stettler, Hanna: Die Christologie der Pastoralbriefe**

German. Inhaltliche Zusammenfassung: Was the author of the Pastoral Epistles only a purveyor of other men's Christology? Or is the Christology of the Pastorals the author's own? Does this Christology fall back on a level below Pauline Christology or does it go far beyond it, as some would have it? Hanna Stettler shows that the author was true to Pauline thought by not just repeating what Paul had taught but rather by reinterpreting it for his current time in the Hellenistic language of his days. For this reason the language of incarnation and the parousia is transformed into the scheme of the twofold epiphany of Christ, the Messiah. The author of the Pastorals includes both Synoptic and Johannine thought in order to present a comprehensive picture of the person and work of Jesus Christ.

⇒ Ausführliche Angaben: HT020307618

Stevens, Lawrence: Global Advances in Biogeography
English. Inhaltliche Zusammenfassung: Global Advances in Biogeography brings together the work of more than 30 scientific authorities on biogeography from around the world. The book focuses on spatial and temporal variation of biological assemblages in relation to landscape complexity and environmental change. Global Advances embraces four themes: biogeographic theory and tests of concepts, the regional biogeography of individual taxa, the biogeography of complex landscapes, and the deep-time evolutionary biogeography of macrotaxa. In addition, the book provides a trove of new information about unusual landscapes, the natural history of a wide array of poorly known plant and animal species, and global conservation issues. This book is well illustrated with numerous maps, graphics, and photographs, and contains much new basic biogeographical information that is not available elsewhere. It will serve as an invaluable reference for professionals and members of the public interested in global biogeography, evolution, taxonomy, and conservation.

⇒ Ausführliche Angaben: HT020307894

Stevenson, Charles A.: Warriors and Politicians
English. Inhaltliche Zusammenfassung: With historical case studies ranging from the Revolutionary War to the war in Iraq, this new book shows how and why the US military is caught between two civilian masters - the President and Congress - in responding to the challenges of warfighting, rearmament, and transformation. Charles Stevenson skilfully shows how, although the United States has never faced the danger of a military coup, the relations between civilian leaders and the military have not always been easy. Presidents have contended with military leaders who were reluctant to carry out their orders. Generals and Admirals have appealed to Congress for sympathy and support. Congressional leaders have tried to impose their own visions and strategies on the US armed forces. This triangular struggle has recurred time and again, in wartime and in efforts to reshape the military for future wars. Illustrating this dual system of civilian military control in a series of case studies, this new volume starts from the way the Continental Congress ran the Revolutionary War by committee and concludes with the George W. Bush and Donald Rumsfeld efforts to transform the US military into a modern terrorist-fighting force. This detailed coverage shows how warriors and politicians interacted at key points in US history. This book will be of great interest to all students of the US Military, government of the United States and of strategic and military studies in general.

⇒ Ausführliche Angaben: HT020310061

Stevic, Zoran: Supercapacitor Design and Applications
English. Inhaltliche Zusammenfassung: In this book, authors investigated asymmetric and symmetric supercapacitor configurations for different electrode materials. Besides the already standard activated carbon (AC), studies were done with other materials and technologies for their preparation and activation. Also, the research info was presented with different electrolytes in order to obtain a higher capacitance and potential window, with as small as possible serial resistance. Achieved high capacitance enables wide application, and some of the new
applications (spacecraft power systems, powering heart pacemakers and wireless sensors) are also described in this book.

⇒ Ausführliche Angaben: HT020308075

**Stewart, Tony K.: Witness to Marvels**
English. Inhaltliche Zusammenfassung: Witness to Marvels traces the development of a unique genre of Sufi-inspired Bengali romances called pir kathas, whose protagonists and plots are wholly fictive. For five centuries these fabulations have parodied indigenous and Hindu textual traditions. Both mimicking and mocking, these parodies adopted a subjunctive tone, exploring a magical world of 'what-if'. They created an Islam-inflected space within a traditional Bengali cultural environment without trying to legislate what ideally 'should be' according to tropes common to Islamic history, theology, and law. The tales’ discursive arena, the imaginaire, delineated the realm of possibility for how these tales might exercise the imagination to integrate Hindu and Islamic cosmologies. Tales insinuated themselves into locally relevant discourses through elaborate intertextual connections, subtly shifting presuppositions about the way the world works and what counts as religious authority. As Allah looked on from heaven, the tales routinely assigned Sufi saints, both pirs and bibis, to the pivotal role of avatar, the periodic descent of divinity, equating them to the Hindu god Narayan. Adopting a semiotic strategy to interpret these tales yields a bold new perspective on the subtle ways Islam assumed its distinctive form in Bengal and suggests how we need to reimagine conversion in this region.

⇒ Ausführliche Angaben: HT020307551

**Stiglic, Gregor / Vrbnjak, Dominika / Pajnkihar, Majda: Teaching and Learning in Nursing**
English. Inhaltliche Zusammenfassung: A significant body of knowledge is the basis for a holistic, caring and scientific evidence-based nursing education in practice for professional development. Quality teaching leads to good learning and both aspects are two of the main issues of quality assurance in nursing education today. To begin with, not all nursing students have the same levels of motivation or learning abilities. It is with cognisance of providing quality care for patients that the role of the nurse educator has to be to enhance nursing students learning using scientific evidence based teaching. Research around teaching and learning processes is an important part of the delivery of quality education, which in turn impacts on students learning results and experiences, thereby, ensuring holistic biopsychosocial care to patients. The main aim of teaching and learning in nursing, at all levels, is to enhance the nurses contribution to assist the individuals, families and communities in promoting and preserving health, well-being and to efficiently respond to illnesses. We hope that this book can be used as a resource to increase the body of knowledge in teaching and learning in nursing, thereby enhancing the role and contribution of health care professionals to clinical practice.

⇒ Ausführliche Angaben: HT020308262

**Stolleis, Michael: Rechtsgeschichte als Kunstprodukt**
DE.

⇒ Ausführliche Angaben: HT020307481

**Stormanns, Hannah: Das Verhältnis von Public Relations und Journalismus in der Sportwelt**

⇒ Ein Buch

- Freihand: BA 3362

⇒ Ausführliche Angaben: HT020314490
Storper, Michael / Scott, Allen J.: Pathways to Industrialization and Regional Development
English. Inhaltliche Zusammenfassung: The world has seen a shift in socio-economic relations, in the patterns and processes of industrialization and regional development. The social regulation of the economic order, flexible production organization and industrial district formation have brought periods, places and pathways to the heart of economic debate. Pathways to Industrialization and Regional Development provides a platform from which to address a new economic order. All the major schools of thought are represented. Focussing upon the interactions between economic logic and political institutions at both the local and global levels, the authors set the agenda for the 1990s.
⇒ Ausführliche Angaben: HT020310172

Storz, Cornelia / Hunter, Jane: Institutional and Technological Change in Japan's Economy
English. Inhaltliche Zusammenfassung: Institutional and technological change is a highly topical subject. At the theoretical level, there is much debate in the field of institutional economics about the role of technological change in endogenous growth theory. At a practical policy level, arguments rage about how Japan and the Japanese economy should plan for the future. In this book, leading economists and economic historians of Japan examine a range of key issues concerning institutional and technological change in Japan, rigorously using discipline-based tools of analysis, and drawing important conclusions as to how the process of change in these areas actually works. In applying these ideas to Japan, the writers in this volume are focusing on an issue which is currently being much debated in the country itself, and are helping our understanding of the world’s second-largest economy.
⇒ Ausführliche Angaben: HT020310225

Storz, Cornelia: Small Firms and Innovation Policy in Japan
English. Inhaltliche Zusammenfassung: This new book discusses the extent to which the Japanese economy encourages entrepreneurship and innovation. Although Japan has a strong reputation as an innovator, some people argue that this reputation is misplaced. Contrary to earlier expectations, the USA rather than Japan emerged as the leader in the biotech industries in the 1990s, and also many small firms in Japan supply only a few - or just one - other company, thereby limiting their view of the marketplace and the commercial opportunities within it. Despite the increase of international patents, international scientific citations and a positive technology trade balance, the Japanese innovation system is weak in giving birth to radical innovations. The book explores fully these issues, making comparisons with other countries where appropriate. It concludes that the Japanese innovation system has both advantages and disadvantages and contributes to a better understanding of how policy changes take place.
⇒ Ausführliche Angaben: HT020310225

Stout, Brittany / Wonders, Karen: Pediatric Cancer Survivors
English. Inhaltliche Zusammenfassung: Pediatric cancer develops in 1 to 500 children. Typically, the type of cancers that develop in children is different than those that develop in adults, in that they are often the result of a DNA mutation rather than environmental or lifestyle risk factors. Leukemia, brain and central nervous system tumors, and neuroblastomas are the most common cancer types in child populations. Children tend to respond better to anticancer treatments, including chemotherapy and radiation. However, long-term side effects are common in children, often requiring follow-up care and lifestyle intervention for the rest of their lives. The percentage of 5-year survivors was over 50% for the most common cancers.
This suggests that a majority of cancers in this population are highly survivable. As such, research should focus on aspects of survivorship for these individuals. This book will explore issues related to pediatric cancer and their associated treatments.

⇒ Ausführliche Angaben: HT020308288

Stoytcheva, Margarita / Montero, Gisela: Biodiesel - Feedstocks and Processing Technologies
English. Inhaltliche Zusammenfassung: The book Biodiesel: Feedstocks and Processing Technologies is intended to provide a professional look on the recent achievements and emerging trends in biodiesel production. It includes 22 chapters, organized in two sections. The first book section: Feedstocks for Biodiesel Production covers issues associated with the utilization of cost effective non-edible raw materials and wastes, and the development of biomass feedstock with physical and chemical properties that facilitate it processing to biodiesel. These include Brassicaceae spp., cooking oils, animal fat wastes, oleaginous fungi, and algae. The second book section: Biodiesel Production Methods is devoted to the advanced techniques for biodiesel synthesis: supercritical transesterification, microwaves, radio frequency and ultrasound techniques, reactive distillation, and optimized transesterification processes making use of solid catalysts and immobilized enzymes. The adequate and up-to-date information provided in this book should be of interest for research scientist, students, and technologists, involved in biodiesel production.

⇒ Ausführliche Angaben: HT020307799

Stoytcheva, Margarita: Pesticides in the Modern World - Pesticides Use and Management
English. Inhaltliche Zusammenfassung: This book brings together issues on pesticides and biopesticides use with the related subjects of pesticides management and sustainable development. It contains 24 chapters organized in three sections. The first book section supplies an overview on the current use of pesticides, on the regulatory status, on the levels of contamination, on the pesticides management options, and on some techniques of pesticides application, reporting data collected from all over the world. Second section is devoted to the advances in the evolving field of biopesticides, providing actual information on the regulation of the plant protection products from natural origin in the European Union. It reports data associated with the application of neem pesticides, wood pyrolysis liquids and bacillus-based products. The third book section covers various aspects of pesticides management practices in concert with pesticides degradation and contaminated sites remediation technologies, supporting the environmental sustainability.

⇒ Ausführliche Angaben: HT020309567

Stoytcheva, Margarita: Pesticides in the Modern World - Pests Control and Pesticides Exposure and Toxicity Assessment
English. Inhaltliche Zusammenfassung: The present book is a collection of selected original research articles and reviews providing adequate and up-to-date information related to pesticides control, assessment, and toxicity. The first section covers a large spectrum of issues associated with the ecological, molecular, and biotechnological approaches to the understanding of the biological control, the mechanism of the biocontrol agents action, and the related effects. Second section provides recent information on biomarkers currently used to evaluate pesticide exposure, effects, and genetic susceptibility of a number of organisms. Some antioxidant enzymes and vitamins as biochemical markers for pesticide toxicity are examined. The inhibition of the cholinesterases as a specific biomarker for organophosphate and carbamate pesticides is commented, too. The third book section addresses to a variety of pesticides toxic effects and related issues including: the molecular mechanisms involved in pesticides-induced toxicity, fish histopathological, physiological, and DNA changes provoked by pesticides exposure, anticoagulant rodenticides mode of action, the potential of the cholinesterase inhibiting organophosphorus and carbamate pesticides, the effects of pesticides on bumblebee, spiders and scorpions, the metabolic fate of the pesticide-derived aromatic amines, et cetera.
Stoytcheva, Margarita: Pesticides in the Modern World - Risks and Benefits
English. Inhaltliche Zusammenfassung: This book is a compilation of 29 chapters focused on: pesticides and food production, environmental effects of pesticides, and pesticides mobility, transport and fate. The first book section addresses the benefits of the pest control for crop protection and food supply increasing, and the associated risks of food contamination. The second book section is dedicated to the effects of pesticides on the non-target organisms and the environment such as: effects involving pollinators, effects on nutrient cycling in ecosystems, effects on soil erosion, structure and fertility, effects on water quality, and pesticides resistance development. The third book section furnishes numerous data contributing to the better understanding of the pesticides mobility, transport and fate. The addressed in this book issues should attract the public concern to support rational decisions to pesticides use.

Stoytcheva, Margarita: Pesticides - Formulations, Effects, Fate
English. Inhaltliche Zusammenfassung: This book provides an overview on a large variety of pesticide-related topics, organized in three sections. The first part is dedicated to the safer pesticides derived from natural materials, the design and the optimization of pesticides formulations, and the techniques for pesticides application. The second part is intended to demonstrate the agricultural products, environmental and biota pesticides contamination and the impacts of the pesticides presence on the ecosystems. The third part presents current investigations of the naturally occurring pesticides degradation phenomena, the environmental effects of the breakdown products, and different approaches to pesticides residues treatment. Written by leading experts in their respective areas, the book is highly recommended to the professionals, interested in pesticides issues.

Stoytcheva, Margarita: Pesticides - Strategies for Pesticides Analysis
English. Inhaltliche Zusammenfassung: This book provides recent information on various analytical procedures and techniques, representing strategies for reliability, specificity, selectivity and sensitivity improvements in pesticides analysis. The volume covers three main topics: current trends in sample preparation, selective and sensitive chromatographic detection and determination of pesticides residues in food and environmental samples, and biological (immunoassays-and biosensors-based) methods application in pesticides analysis as an alternative to the chromatographic methods for in situ and on-line pesticides quantification. Intended as electronic edition, providing an immediate open access to its content, the book is easy to follow and will be of interest to the professionals involved in pesticides analysis.

Stoytcheva, Margarita: Pesticides - The Impacts of Pesticides Exposure
English. Inhaltliche Zusammenfassung: Pesticides are supposed to complete their intended function without any unreasonable risk to man or the environment. Pesticides approval and registration are performed taking into account the economic, social and environmental costs and benefits of the use of any pesticide. The present book documents the various adverse impacts of pesticides usage: pollution, dietary intake and health effects such as birth defects, neurological disorders, cancer and hormone disruption. Risk assessment methods and the involvement of molecular modeling to the knowledge of pesticides are highlighted, too. The volume summarizes the expertise of leading specialists from all over the world.

Strani, Katerina / Clopot, Cristina: Chapter 11 European Capitals of Culture y
What is Europe? It’s not just a series of banknotes’, an interviewee remarked when asked about European heritage. Our study of European Capitals of Culture (ECoC), one of the main European heritage programmes, proceeds in the same spirit, informed by the complex and disputed discussions of what Europe is (see, for example, Sassatelli 2002) and how, within such shifting grounds, European heritage might be interpreted (see, for instance, Delanty 2017; Niklasson 2017). Described by some as large-scale bottom-up cultural programming (Immler and Sakkers 2014), the ECoC programme has seen several cities across Europe compete for the title of European Capital of Culture for more than three decades now. Our research has focussed on three cities, Valletta as ECoC 2018, Plovdiv as ECoC 2019 and Galway as ECoC 2020. We are conducting a discourse analysis of the submitted bids as the key documents related to each city’s participation in the programme; we are then investigating four common themes that emerge from this analysis: Europe, heritage, diversity and future.

⇒ Ausführliche Angaben: HT020310416

Strizhak, Pavel A.: Sustainability of Fossil Fuels
eng. Inhaltliche Zusammenfassung: The energy and fuel industries represent an extensive field for the development and implementation of solutions aimed at improving the technological, environmental, and economic performance of technological cycles. In recent years, the issues of ecology and energy security have become especially important. Energy is firmly connected with all spheres of human economic life but, unfortunately, it also has an extremely negative (often fatal) effect on the environment and public health. Depletion of energy resources, the complexity of their extraction, and transportation are also problems of a global scale. Therefore, it is especially important nowadays to try to take care of nature and think about the resources that are necessary for future generations. For scientific teams in different countries, the development of sustainable and safe technologies for the use of fuels in the energy sector will be a challenge in the coming decades.

⇒ Ausführliche Angaben: HT020307386

Strouse, A.W.: Gender Trouble Couplets, Volume 1
English. Inhaltliche Zusammenfassung: Judith Butler’s Gender Trouble: Feminism and the Subversion of Identity radically claimed that the sexed body is a fallacy, discursively constructed by the performance of gender. A.W. Strouse has undertaken to rewrite Butler’s classic tome into an octosyllabic poem. Inspired by the rhyming encyclopedias of the Middle Ages, Strouse transforms each of Butler’s sentences into Seussian couplets. This performative repetition of Chapter 1 of Butler’s Gender Trouble, “Subjects of Sex/Gender/Desire,” deconstructs Butler’s deconstruction. Relishing in the campiness of rhyme and meter—in the bodily pleasures of form—Strouse’s Gender Trouble Couplets, Volume 1 is an imitation for which there is no original. Gender Trouble, perhaps, was poetry all along.

⇒ Ausführliche Angaben: HT020310407

Strumillo, Pawel: Advances in Sound Localization
English. Inhaltliche Zusammenfassung: Sound source localization is an important research field that has attracted researchers efforts from many technical and biomedical sciences. Sound source localization (SSL) is defined as the determination of the direction from a receiver, but also includes the distance from it. Because of the wave nature of sound propagation, phenomena such as refraction, diffraction, diffusion, reflection, reverberation and interference occur. The wide spectrum of sound frequencies that range from infrasounds through acoustic sounds to ultrasounds, also introduces difficulties, as different spectrum components have different penetration properties through the medium. Consequently, SSL is a complex computation problem and development of robust sound localization techniques calls for different approaches, including multisensor schemes, null-steering beamforming and time-difference arrival techniques. The book offers a rich source of valuable material on advances on SSL.
techniques and their applications that should appeal to researches representing diverse engineering and scientific disciplines.

⇒ Ausführliche Angaben: HT020307720

Strutynska-Karpinska, Marta / Grabowski, Krzysztof: Esophageal Reconstruction
English. Inhaltliche Zusammenfassung: The present book, based on knowledge and great experience of the authors includes a wide study problem of reconstructive esophageal surgery with use of pedicled intestinal segments, in detail discusses vascular anatomy of intestines, difficulties and threats which may occur intraoperatively, presents diagnostic procedures and treatment standards of early postoperative complications as well as late complications that lead to diseases of esophageal substitutes. Authors also discuss a function of various substitutive esophagi. The book complements professional literature in the field of esophageal surgery.

⇒ Ausführliche Angaben: HT020307934

Stuchlik, Ales: The Hippocampus - Plasticity and Functions
English. Inhaltliche Zusammenfassung: The hippocampus is an important brain region, a true central hub for memory of various kinds and other processes. Neuropsychiatric disorders such as Alzheimers disease, drug addiction, and schizophrenia are characterized by hippocampal alterations. The dentate gyrus of the hippocampus is a site exhibiting adult neurogenesis. This book covers the topic of the hippocampus from various perspectives. It discusses adult neurogenesis, effect of enriched environments on hippocampal plasticity, and long-term potentiation-associated gene expression. The book also addresses multiscale representations of complex environments and strategies in the hippocampus-dependent spatial tasks. Finally, insight into the hippocampus as a link between negative affect and relapse to psychostimulants is provided. The book collects evidence of various hippocampal functions in healthy and disordered brain.

⇒ Ausführliche Angaben: HT020308822

Stucki, Saskia: Grundrechte für Tiere
DE. Inhaltliche Zusammenfassung: This book concerns itself with the contemporary question of animal rights - an issue hitherto understudied by legal scholars. Against the backdrop of the merits and shortcomings of current animal welfare law, it provides an in-depth exploration of the idea of animal rights from a legal theoretical perspective. On the basis of a critical appraisal of the existing legislative regime governing animal welfare, the author proposes a paradigm change towards a rights-based framework for legal animal protection. The study examines such a reconception of animals’ legal status as legal subjects and holders of (fundamental) rights by means of analysis of the relevant legal concepts - legal personhood, rights, and human rights - with regard to their applicability to animals. This study is marked by its distinctly legal theoretical approach to the subject of animal rights, and addresses scholars of all disciplines with an interest in animal welfare as well as in the foundations of law.

⇒ Ausführliche Angaben: HT020307596

Stürzbecher, Horst-Werner / Boutou, Effrossyni: Ubiquitination Governing DNA Repair - Implications in Health and Disease
English. Inhaltliche Zusammenfassung: DNA damage response (DDR) and lesion repair are vital processes ensuring genome integrity through various pathways depending mainly on the nature of DNA injury and cell cycle stage. DDR is finely regulated at many levels in coordination with other ongoing processes as is genome replication and cell cycle progression. Posttranslational modifications (PTMs), affecting both protein-protein and protein-DNA interactions, play a crucial role in finely tuning all processes involved in the restoration of genome lesions. Regarding damaged chromatin, PTMs serve in many cases as recruitment platforms
for DNA repair mechanisms by facilitating binding sites or regulating interactions between involved proteins. Ubiquitination, the addition of ubiquitin moieties on a target protein, apart from controlling protein availability through degradation, is also involved, together with partner small ubiquitin-like modifier (SUMO), in controlling many pathways involved in DDR by modifying the structure-function relationship and thus interacting with partner molecules.

The aim of this book is to cover a broad spectrum of current topics in ubiquitination and to a lesser extent SUMOylation involvement in regulation of DDR and repair in health and disease. This book is intended for pre- and postgraduate students and young scientists in this field. Members of both academic and research institutions, actively involved in the field, have described their current understanding of major mechanisms involved, highlighted key events, described ongoing applications in both developmental diseases and cancer and provided hints for future potential applications.

⇒ Ausführliche Angaben: HT020308906

Stumpf, Markus / Köstner-Pemsel, Christina / Alker-Windbichler, Stefan: Bibliotheken in der NS-Zeit


⇒ Ausführliche Angaben: HT020307621

Suchowolec, Karolina: Sprachlenkung

German. Inhaltliche Zusammenfassung: Is it possible to change the language in a group? And if so, how? In politics and business, conclusive answers to these questions are of great interest. Karolina Suchowolec finds them by analysing the current state of research on language planning, planned languages, controlled languages and terminology work, examining the findings for their possible generalisation and deriving from this language guidance as an overarching linguistic object of research. She has empirically investigated its practical implementation. As a result, she formulates an overview of the challenges of language control as well as the solution approaches postulated in the relevant literature - a solid basis for further theoretical research and support for practical language control. Karolina Suchowolec, *1984, studied Applied Linguistics and German as a Foreign Language in Dresden and earned her doctorate in Linguistics in Hildesheim. As a research assistant at the Institute for German Language in Mannheim, she is involved in terminological and applied linguistic projects. Her research interests include specialist communication, terminology management, controlled languages and knowledge modelling.

⇒ Ausführliche Angaben: HT020309897

Suciu, Lavinia: Advances in Discourse Analysis

English. Inhaltliche Zusammenfassung: This book is an open access publication edited by IntechOpen. Its main goal is to summarize current research in the discourse analysis area. It provides a scientific platform for researchers to publish the latest studies and developments in both theoretical and practical aspects of discourse analysis and to make it more visible. The book is an excellent way for disseminating inspiring visions, innovative research methods, and research findings in this interdisciplinary field. It is a fact that in our postmodern times, the discourse has gained new connections and dimensions through fundamental changes
and structural progress. Therefore, the research of the discourse generates new knowledge, creates a favorable atmosphere for change, and provides people with information and data that help them to benefit directly in their everyday life.

⇒ Ausführliche Angaben: HT020309311

Sudaric, Aleksandra: Soybean - Molecular Aspects of Breeding
English. Inhaltliche Zusammenfassung: The book Soybean: Molecular Aspects of Breeding focuses on recent progress in our understanding of the genetics and molecular biology of soybean and provides a broad review of the subject, from genome diversity to transformation and integration of desired genes using current technologies. This book is divided into four parts (Molecular Biology and Biotechnology, Breeding for Abiotic Stress, Breeding for Biotic Stress, Recent Technology) and contains 22 chapters.

⇒ Ausführliche Angaben: HT020307718

Suleski, Ronald: Daily Life for the Common People of China
English. Inhaltliche Zusammenfassung: In this book Ronald Suleski introduces a new category of source material, chaoben , for understanding the lives of China’s semi-literate masses before 1950. It links the documents now flooding the antiques markets in China, with the hopes and fears of China’s people at the end of the pre-modern era.

⇒ Ausführliche Angaben: HT020307492

Summers, Matthew: Ubiquitin Proteasome System - Current Insights into Mechanism Cellular Regulation and Disease
English. Inhaltliche Zusammenfassung: The human ubiquitin proteasome system (UPS) is comprised of nearly 1000 proteins. Although originally identified as a mechanism of protein destruction, the UPS has numerous additional functions and mediates central signaling events in myriad processes involved in both cellular and organismal health and homeostasis. Numerous pathways within the UPS are implicated in disease, ranging from cancer to neurodegenerative diseases such as Parkinson’s. The goal of this book is to deliver a collection of synopses of current areas of UPS research that highlights the importance of understanding the biology of the UPS to identify disease-relevant pathways, and the need to elucidate the molecular machinations within the UPS to develop methods for therapeutic modulation of these pathways.

⇒ Ausführliche Angaben: HT020309425

Sunseri, Carmelo / Inguanta, Rosalinda: Semiconductors - Growth and Characterization
English. Inhaltliche Zusammenfassung: Semiconducting materials are widely used in several applications such as photonics, photovoltaics, electronics, and thermoelectrics, because of their optical and electro-optical features. The fundamental and technological importance of these materials is due to the unique physical and chemical properties. Over the years, numerous methods have been developed for the synthesis of high-efficient semiconductors. Moreover, a variety of approach and characterization methods have been used to study the numerous and fascinating properties of the semiconducting materials. This book collects new developments about semiconductors, from the fundamental issues to their synthesis and applications. Special attention has been devoted to electrochemical growth and characterization.

⇒ Ausführliche Angaben: HT020308607

Suratman, Mohd Nazip: National Parks - Management and Conservation
English. Inhaltliche Zusammenfassung: The rapid fragmentation and habitat change in natural environments have created a need for management and conservation, which will ensure areas are protected from anthropogenic interference. These protected areas are necessary to provide adequate location for biodiversity conservation, environmental monitoring, and scientific research where a complete understanding of the natural process and full protection of ecosystems can be attained. This book highlights various approaches for managing and conserving protected areas in temperate and tropical regions to respond to some pressing global challenges today. It is divided into five main sections, viz., protected area management, fish and wildlife conservation, biodiversity conservation, ecotourism and recreation, and local community participation. The book enhances the understanding of the important roles national parks play in the environment and society.

⇒ Ausführliche Angaben: HT020308708

Suspectsyna, Tatiana: Adaptation of Western Economics by Russian Universities

⇒ Ausführliche Angaben: HT020310316

Suzuki, Hirobumi: Bioluminescence - Analytical Applications and Basic Biology
English. Inhaltliche Zusammenfassung: This book includes reviews of molecular- and organismal-level studies in bioluminescence in order to elucidate the mechanisms behind this phenomenon. It is intended for molecular biology researchers involved in bioluminescent reactions, molecular engineering of bioluminescent sensor probes, and biomonitoring of environmental toxins. Field researchers as well as students will also find this volume to be of interest.

⇒ Ausführliche Angaben: HT020309500

Suzuki, Kenji: Artificial Neural Networks - Industrial and Control Engineering Applications
English. Inhaltliche Zusammenfassung: Artificial neural networks may probably be the single most successful technology in the last two decades which has been widely used in a large variety of applications. The purpose of this book is to provide recent advances of artificial neural networks in industrial and control engineering applications. The book begins with a review of applications of artificial neural networks in textile industries. Particular applications in textile industries follow. Parts continue with applications in materials science and industry such as material identification, and estimation of material property and state, food industry such as meat, electric and power industry such as batteries and power systems, mechanical engineering such as engines and machines, and control and robotic engineering such as system control and identification, fault diagnosis systems, and robot manipulation. Thus, this book will be a fundamental source of recent advances and applications of artificial neural networks in industrial and control engineering areas. The target audience includes professors and students in engineering schools, and researchers and engineers in industries.

⇒ Ausführliche Angaben: HT020307712

Suzuki, Kenji: Artificial Neural Networks - Methodological Advances and Biomedical Applications
English. Inhaltliche Zusammenfassung: Artificial neural networks may probably be the single most successful technology in the last two decades which has been widely used in a large variety of applications in various areas. The purpose of this book is to provide recent advances...
of artificial neural networks in biomedical applications. The book begins with fundamentals of artificial neural networks, which cover an introduction, design, and optimization. Advanced architectures for biomedical applications, which offer improved performance and desirable properties, follow. Parts continue with biological applications such as gene, plant biology, and stem cell, medical applications such as skin diseases, sclerosis, anesthesia, and physiotherapy, and clinical and other applications such as clinical outcome, telecare, and pre-med student failure prediction. Thus, this book will be a fundamental source of recent advances and applications of artificial neural networks in biomedical areas. The target audience includes professors and students in engineering and medical schools, researchers and engineers in biomedical industries, medical doctors, and healthcare professionals.

⇒ Ausführliche Angaben: HT020307715

**Suzuki, Satoru: Syntheses and Applications of Carbon Nanotubes and Their Composites**


English. Inhaltliche Zusammenfassung: Carbon nanotubes are rolled up graphene sheets with a quasi-one-dimensional structure of nanometer-scale diameter. In these last twenty years, carbon nanotubes have attracted much attention from physicists, chemists, material scientists, and electronic device engineers, because of their excellent structural, electronic, optical, chemical and mechanical properties. More recently, demand for innovative industrial applications of carbon nanotubes is increasing. This book covers recent research topics regarding syntheses techniques of carbon nanotubes and nanotube-based composites, and their applications. The chapters in this book will be helpful to many students, engineers and researchers working in the field of carbon nanotubes.

⇒ Ausführliche Angaben: HT020307956

**Suzuki, Toshiaki: Clinical Physical Therapy**


English. Inhaltliche Zusammenfassung: Physical therapy services may be provided alongside or in conjunction with other medical services. They are performed by physical therapists (known as physiotherapists in many countries) with the help of other medical professionals. This book consists of 11 chapters written by several professionals from different parts of the world. It includes different kinds of chapters for clinical physical therapy with precious points for physical therapy, physical therapy for cancer, chronic venous disease, mental health, and other topics. We hope that the information provided in this book will instruct global physical therapists and related professionals.

⇒ Ausführliche Angaben: HT020308265

**Suzuki, Toshiaki: Neurological Physical Therapy**


English. Inhaltliche Zusammenfassung: Physical therapy services may be provided alongside or in conjunction with other medical services. They are performed by physical therapists (known as physiotherapists in many countries) with the help of other medical professionals. This book consists of 12 chapters written by several professionals from different parts of the world. The book covers different subjects, such as the effects of physical therapy, motor imagery, neuroscience-based rehabilitation for neurological patients, and applications of robotics for stroke and cerebral palsy. We hope that this book will open up new directions for physical therapists in the field of neurological physical therapy.

⇒ Ausführliche Angaben: HT020308248

**Suzuki, Yasuhiko / Nakajima, Chie / Gaban, Paula Blanca V.: Emerging Infectious Diseases in Water Buffalo - An Economic and Public Health Concern**


English. Inhaltliche Zusammenfassung: Water buffalo is of great significance for the livestock
industry worldwide because of its food value and agricultural importance. Thanks to its adaptability to tropical climate, innovative breeding and animal husbandry, its role in the industry has increased over time. However, vast economic losses have also been experienced in this sector due to infectious diseases that primarily affect the reproduction of water buffaloes. This book provides current information on emerging infectious diseases in water buffalo - bacterial (leptospirosis, brucellosis, and bovine tuberculosis), viral (bovine ephemeral fever, rotaviral infection, and bovine viral diarrhea), protozoal (trypanosomiasis, neosporosis, and cryptosporidiosis), fungal (Deg Nala disease), and endoparasitic pathogen infections (fasciolosis and schistosomiasis) - including their manifestations, mode of transfer, diagnostic protocols, eradication process, and control measures applied. Therefore, this book should contribute to a better understanding of the mechanisms of these diseases, as well as how to control and manage these kinds of infections. Furthermore, the book contains data regarding the huge impact of these infections and how vastly they have affected the sectors economic performance.

⇒ Ausführliche Angaben: HT020308580

Svalova, Valentina: Earthquakes - Forecast, Prognosis and Earthquake Resistant Construction
English. Inhaltliche Zusammenfassung: An earthquake is the shaking of the surface of the Earth, resulting from the sudden release of energy in the Earths lithosphere that creates seismic waves. Earthquakes can range in size from those that are so weak that they cannot be felt to those violent enough to toss people around and destroy the whole cities. At the Earths surface, earthquakes manifest themselves by shaking and sometimes displacement of the ground. When the epicenter of a large earthquake is located offshore, the seabed may be displaced sufficiently to cause a tsunami. Earthquakes can also trigger landslides and occasionally volcanic activity. Earthquakes are caused not only by rupture of geological faults but also by other events such as volcanic activity, landslides, mine blasts, and nuclear tests. This book addresses the multidisciplinary topic of earthquake hazards and risk, one of the fastest growing, relevant, and applied fields of research and study practiced within the geosciences and environment. This book addresses principles, concepts, and paradigms of earthquakes, as well as operational terms, materials, tools, techniques, and methods including processes, procedures, and implications.

⇒ Ausführliche Angaben: HT020309091

Svalova, Valentina: Risk Assessment
English. Inhaltliche Zusammenfassung: Risk assessment is one of the main parts of complex systematic research of natural and man-made hazards and risks together with the concepts of risk analysis, risk management, acceptable risk, and risk reduction. It is considered as the process of making a recommendation on whether existing risks are acceptable and present risk control measures are adequate, and if they are not, whether alternative risk control measures are justified or will be implemented. Risk assessment incorporates the risk analysis and risk evaluation phases. Risk management is considered as the complete process of risk assessment, risk control, and risk reduction. The book reflects on the state-of-the-art problems and addresses the risk assessment to establish the criteria for ranking risk posed by different types of natural or man-made hazards and disasters, to quantify the impact that hazardous event or process has on population and structures, and to enhance the strategies for risk reduction and avoiding.

⇒ Ausführliche Angaben: HT020308587

Svedin, Uno / Bergeret, Pascal / Huyghe, Christian: Diffusion and transfer of knowledge in agriculture
English. Inhaltliche Zusammenfassung: This book focuses on innovation in the agri-food system and the new paradigm drawn by bioeconomic approaches and principles. It draws on
contributions presented during the 29th EURAGRI annual conference held in Luxemburg (September 2015) as well as on other workshops organised as part of EURAGRI. EURAGRI is an informal gathering of EU research and higher education organisations and ministries interested in agri-food research. It works as a platform of exchange and discussion on topics of common interest pertaining to the organisation, orientation and outlook of agri-food research in Europe in connection with global changes.

⇒ Ausführliche Angaben: HT020307521

Svorc, Pavol: Autonomic Nervous System
English. Inhaltliche Zusammenfassung: The autonomic nervous system is one of the most important involuntary control mechanisms that primarily controls and modulates the functions of the visceral organs. The book discusses some of the specificities of the autonomic nervous system in terms of dendritic development in the sympathetic compartment, as well as a detailed description of noradrenergic groups and their key role in the modulation of all antinociceptive and autonomic responses elicited by painful or threatening situations. In the book, only those cases are mentioned that are closely related to disorders or changes of function of the autonomic nervous system. This book can evoke interest in many researchers who want to use the information for the advancement of their research towards a better understanding of the autonomic regulatory mechanisms.

⇒ Ausführliche Angaben: HT020309083

Swaine, Alfred: Die Arbeits- und Wirtschaftsverhältnisse der Einzelsticker in der Nordostschweiz und Vorarlberg
German.

⇒ Ausführliche Angaben: HT020309997

Sweetapple, Christopher: The Queer Intersectional in Contemporary Germany
English. Inhaltliche Zusammenfassung: Anti-racist and queer politics have tentatively converged in the activist agendas, organizing strategies and political discourses of the radical left all over the world. Pejoratively dismissed as "identity politics", the significance of this cross-pollination of theorizing and political solidarities has yet to be fully countenanced. Even less well understood, coalitions of anti-racist and queer activisms in western Europe have fashioned durable organizations and creative interventions to combat regnant anti-Muslim and anti-migrant racism within mainstream gay and lesbian culture and institutions, just as the latter consolidates and capitalizes on their uneven inclusions into national and international orders. The essays in this volume represent a small snapshot of writers working at this point of convergence between anti-racist and queer politics and scholarship from the context of Germany. Translated for the first time into English, these four writers and texts provide a compelling introduction to what the introductory essay calls "a Berlin chapter of the Queer Intersectional", that is, an international justice movement conducted in the key of academic analysis and political speech which takes inspiration from and seeks to synthesize the fruitful concoction of anti-racist, queer, feminist and anti-capitalist traditions, movements and theories. With contributions by Judith Butler, Zülfükar Çetin, Sabine Hark, Daniel Hendrickson, Heinz-Jürgen-Voß, Salih Alexander Wolter and Koray Yılmaz-Günay.

⇒ Ausführliche Angaben: HT020307610

Swilling, Mark / Lampis, Andrea / Allen, Adriana: Untamed Urbanisms
English. Inhaltliche Zusammenfassung: An electronic version of this book is available Open Access at www.tandfebooks.com. It has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 3.0 license. One of the major challenges of urban development has been reconciling the way cities develop with the mounting evidence of
resource depletion and the negative environmental impacts of predominantly urban-based modes of production and consumption. This book aims to re-politicise the relationship between urban development, sustainability and justice, and to explore the tensions emerging under real circumstances, as well as their potential for transformative change. For some, cities are the root of all that is unsustainable, while for others cities provide unique opportunities for sustainability-oriented innovations that address equity and ecological challenges. This book is rooted in the latter category, but recognises that if cities continue to evolve along current trajectories they will be where the large bulk of the most unsustainable and inequitable human activities are concentrated. By drawing on a range of case studies from both the global South and global North, this book is unique in its aim to develop an integrated social-ecological perspective on the challenge of sustainable urban development. Through the interdisciplinary and original research of a new generation of urban researchers across the global South and North, this book addresses old debates in new ways and raises new questions about sustainable urban development.

⇒ Ausführliche Angaben: HT020310067

German.
⇒ Ausführliche Angaben: HT020310028

Sykes, Karen: Arguing With Anthropology
English. Inhaltliche Zusammenfassung: Arguing with Anthropology is a fresh and wholly original guide to key elements in anthropology, which teaches the ability to think, write and argue critically. Using the classic question of the gift as a master-issue for discussion, and drawing on a rich variety of Pacific and global ethnography, it provides a unique course in methods, aims, knowledge, and understanding. The books highly original hypothetical approach takes gift-theory - the science of obligation and reciprocity - as the paradigm for a virtual enquiry which explores how the anthropological discipline has evolved historically, how it is applied in practice and how it can be argued with critically. By asking students to participate in projected situations and dilemmas, and in arguments about the form and nature of enquiry, it offers working practice of dealing with the obstacles and choices involved in anthropological study. * From an expert teacher whose methods are tried and tested * Comprehensive and fun course ideal for intermediate-level students * Clearly defines the functions of anthropology, and its key theories and arguments * Effectively teaches core study skills for exam success and progressive learning.
⇒ Ausführliche Angaben: HT020310309

Szablewski, Leszek: Adipose Tissue
English. Inhaltliche Zusammenfassung: Adipose tissue is a specialized connective tissue which, depending on type, plays different and significant roles in the human body: protects against environmental factors, stores lipids and triacylglycerol, synthesizes fatty acids and is involved in the process of thermogenesis. It is also a major secretory organ and highly active metabolic tissue. It secretes, for example, cholesterol, retinol, steroid hormones, prostaglandins and proteins known as adipokines. Some of these molecules may be associated with pathologies such as obesity and insulin resistance. In humans, there are two main sites of adipose tissue accumulation: visceral and subcutaneous. Obesity is a worldwide health problem. This book also discusses a series of up-to-date topics about this pathology.
⇒ Ausführliche Angaben: HT020308736

Szabo, Imre / Mozsik, Gyula: Membrane-bound Atp-dependent Energy Systems and the Gastrointestinal Mucosal Damage and Protection
English. Inhaltliche Zusammenfassung: The book on Membrane-bound Atp-dependent Energy Systems and the Gastrointestinal Mucosal Damage and Protection deals with various aspects of peptic ulcer disease, like clinical pharmacology, nutrition, molecular biochemical pharmacology as well as clinical aspects, and especially with the evaluation of certain biochemical mechanisms in human gastric mucosa and in animal gastric tissues obtained from different ulcer models. This book can be useful to physiologists; biochemists; pharmacologists, particularly molecular and biochemical pharmacologists; internists; gastroenterologists; biologists; surgeons and pharmacists.

⇒ Ausführliche Angaben: HT020308008

Szadkowski, Zbigniew: Cosmic Rays
English. Inhaltliche Zusammenfassung: Measurements in present experiments have dramatically advanced our understanding of ultrahigh-energy cosmic rays. The suppression of the flux at the highest energies is now confirmed without any doubt, and strong limits have been placed on the photon and neutrino components. There are indications for a small, large-scale anisotropy both below and above the energy of the angle and for a correlation on smaller angular scales at \( E > 5.5 \times 10^{19} \) eV. Around \( 3 \times 10^{18} \) eV, there is a distinct change of slope with energy, and the shower-to-shower variance decreases. Interpreted with the leading LHC-tuned shower models, this implies a gradual shift to a heavier composition, and a number of fundamentally different astrophysical model scenarios have been developed to describe this evolution.

⇒ Ausführliche Angaben: HT020308921

Szigeti, Imre András: Der Einfluss von Muskeldehnung auf die Schnellkraft in Anlehnung an den Eishockeysport

⇒ Ein Buch
- Freihand: BA 3363
⇒ Ausführliche Angaben: HT020314595

Szmyt, Janusz: Forest Fire
English. Inhaltliche Zusammenfassung: This book concerns the different aspects of forest fires, the impact of fire on both forest resources (e.g. forest cover) and communities that use different forest functions. Therefore, forest fires have their environmental, economic and social consequences, and none of them is less important. Forest fires can be caused by both natural forces and anthropogenic factors, and in the latter case, it is extremely interesting to profile the potential arsonist. Forest fires may also cause conflicts, stronger or weaker, in local communities that have been using forests for years. These conflicts can be solved both by gradually changing the law itself and through education at the local level. Not less important is the ability to detect fires early, which can be helped by the development of modern technologies. In limiting the effects of forest fires, it may also be helpful to develop mathematical models that indicate various factors affecting the possibility of a fire or affecting the rate of its spread. Not less important is the attempt to assess the direction of forest regeneration after the fire has ceased, in understanding what the help of modern technology is. These aspects of forest fire are the subject of this book. I realize, however, that the contents in it can only be an incentive for the reader to learn more, in an interesting aspect. I assume that this book will be valuable to researchers as well as students who are interested in different aspects connected to forest fires, not only from the ecological point of view but also from the social one. Both are extremely important in future forest protection and sustainable use of forest by local communities.

⇒ Ausführliche Angaben: HT020308697

Szostak, Michal: Amide Bond Activation
Inhaltliche Zusammenfassung: The amide bond represents a privileged motif in chemistry. The recent years have witnessed an explosion of interest in the development of new chemical transformations of amides. These developments cover an impressive range of catalytic N-C bond activation in electrophilic, Lewis acid, radical, and nucleophilic reaction pathways, among other transformations. Equally relevant are structural and theoretical studies that provide the basis for chemoselective manipulation of amidic resonance. This monograph on amide bonds offers a broad survey of recent advances in activation of amides and addresses various approaches in the field.

⇒ Ausführliche Angaben: HT020307391

**Szreter, Simon: Introduction**

English. Inhaltliche Zusammenfassung: This volume is a necessarily multidisciplinary collection dedicated to the extremely difficult task of uncovering and exploring what can be reconstructed of the dimensions and the scale of the historical impact of sexually transmitted infections (STIs) on human infertility. As a subject for inquiry, this comes close to Winston Churchill’s celebrated phrase, "a riddle, wrapped in a mystery, inside an enigma."

⇒ Ausführliche Angaben: HT020309689

**Szubin, Maren: Human-/kulturwissenschaftliche sowie trainings-/sportwissenschaftliche Betrachtung des olympischen Wettkampf-/Hochleistungssports unter der Berücksichtigung der Differenzen von männlichen und weiblichen Athleten**

⇒ Ein Buch
- Freihand: BA 3364

⇒ Ausführliche Angaben: HT020314615

**Szurgacz, Herbert / Maydell, Bernd Baron von / Becker, Ulrich: Die Realisierung der Arbeitnehmerfreizügigkeit im Verhältnis zwischen Deutschland und Polen aus arbeits- und sozialrechtlicher Sicht**

⇒ Ausführliche Angaben: HT020307586

**Tabel, Agathe / Feller, Nadine / Schilling, Matthias: Kinder- und Jugendhilfereport 2018**
German. Inhaltliche Zusammenfassung: The Children and Youth Welfare Report 2018, comprehensively describes the current situation and the more recent development of child and youth welfare in Germany. It is based on the data of the official child and youth welfare statistics. For the first time, child and youth welfare is presented and analysed on the basis

⇒ Ausführliche Angaben: HT020310467

Tabelle 2 zu Antike Stahlerzeugung. Ein Nachweis der Aufkohlung von Eisen aus Augusta Raurica

⇒ Ausführliche Angaben: HT020307495

Taber, Keith / Kind, Vanessa: Science
2005. 1 electronic resource ( pages). ISBN 9780203020753, ISBN 9780415363587, ISBN 9780415342834, ISBN 9781134226849, ISBN 9781134226832, ISBN 9781134226795 English. Inhaltsliche Zusammenfassung: In recognizing that new teachers often feel disempowered by the subject expertise they bring into teaching, this book not only covers the training standards for NQTs and the Induction Standards, but takes the reader beyond this by fully exploring issues relating to subject knowledge in learning to teach. Divided into three sections the book covers: framing the subject - defining subject knowledge and focusing on questions about science as a school subject teaching the subject - looking at pedagogical, curricular and pupil knowledge science within the professional community - focusing on the place of science within the wider curriculum and the teaching community. This refreshing new book provides stimulating assistance to subject specialists, from new teachers of science in the early years of professional development to those on a PGCE course or in their induction year. It is also suitable for subject leaders with mentor responsibilities and Advanced Skills Teachers undertaking specialist inset and teaching support.

⇒ Ausführliche Angaben: HT020310143

Tadashi, Mizutani: Application of Thermodynamics to Biological and Materials Science
2011. 1 electronic resource (642 pages). ISBN 9789533079806 English. Inhaltsliche Zusammenfassung: Progress of thermodynamics has been stimulated by the findings of a variety of fields of science and technology. The principles of thermodynamics are so general that the application is widespread to such fields as solid state physics, chemistry, biology, astronomical science, materials science, and chemical engineering. The contents of this book should be of help to many scientists and engineers.

⇒ Ausführliche Angaben: HT020307694

Tadashi, Mizutani: Thermodynamics
2011. 1 electronic resource (452 pages). ISBN 9789533075440 English. Inhaltsliche Zusammenfassung: Progress of thermodynamics has been stimulated by the findings of a variety of fields of science and technology. The principles of thermodynamics are so general that the application is widespread to such fields as solid state physics, chemistry, biology, astronomical science, materials science, and chemical engineering. The contents of this book should be of help to many scientists and engineers.

⇒ Ausführliche Angaben: HT020307696

Tadele, Zerihun: Grasses as Food and Feed
2018. 1 electronic resource (178 pages). ISBN 9781789847987, ISBN 9781789847994 English. Inhaltsliche Zusammenfassung: The grass or Poaceae family includes all cereal crops and forage grasses. Hence, they play a significant role in the economy of both the developed and developing world. Similar to other crop types, grasses are continuously challenged by a
variety of environmental constraints. These constraints include a variety of biotic and abiotic stresses, and an enabling environment, which mainly refers to policy-related issues that affect productivity. In this book, the importance of selected cereal crops and grasses as well as associated constraints are presented. In addition, techniques proven to improve the productivity of these groups of crops are discussed. The techniques include variety development, soil and crop management practices, and biological control of fungal pathogens using different types of bacterial strains.

⇒ Ausführliche Angaben: HT020309147

Tahour, Ahmed / Aissaoui, Abdel Ghani: Switched Reluctance Motor - Concept, Control and Applications
English. Inhaltliche Zusammenfassung: In the last years, the switched reluctance machines (SRMs) have been the subject of significant developments. SRMs are gaining much interest because of their simplicity in structures, high-output power, high starting torque, wide speed range, rugged and robust construction, reliability, and low manufacturing costs, which make these machines viable for many applications. SRMs include machines of different structures whose common property is the significant variation in the shape of the air gap during rotation. The use of advanced control technologies makes possible the integration of the mechanical and electrical conversion systems in their optimal mode of operation. Different strategies of control can be applied to SRMs, depending on their mode of functioning and the purpose of their applications. The goal of this book is to present recent works on concept, control, and applications in switched reluctance machines.

⇒ Ausführliche Angaben: HT020308313

Talanin, Vitalyi Igorevich: New Research on Silicon - Structure, Properties, Technology
English. Inhaltliche Zusammenfassung: The knowledge of fundamental silicon questions and all aspects of silicon technology gives the possibility of improvement to both initial silicon material and devices on silicon basis. The articles for this book have been contributed by the much respected researchers in this area and cover the most recent developments and applications of silicon technology and some fundamental questions. This book provides the latest research developments in important aspects of silicon including nanoclusters, solar silicon, porous silicon, some technological processes, and silicon devices and also fundamental question about silicon structural perfection. This book is of interest both to fundamental research and to practicing scientists and also will be useful to all engineers and students in industry and academia.

⇒ Ausführliche Angaben: HT020308267


⇒ Ausführliche Angaben: HT020309250

Tambunan, Usman Sumo Friend: Polypeptide - New Insight into Drug Discovery and Development
English. Inhaltliche Zusammenfassung: Peptides are the biomolecules that consist of several amino acid chains linked through peptide bonds. This class of biomolecules is commonly found in living matter, and some of which play an imperative role in their regulation and functional activities. Peptides have been extensively applied in every aspect of human life, including cosmetics, electronics, the food industries, and pharmaceutical fields. Ultimately, peptide commercialization has become a major trend, which has been growing significantly in recent years. Viewed from the scientific perspective described above, the editor believes that the development of peptides in every aspect of human life should be accelerated. As such, this book aims to provide insight and knowledge regarding the current research that has been conducted in this field; hence, this book may encourage the reader to emphasize the importance of peptides in human life and to inspire others to identify the potency of peptides for other applications that still need further exploration. In this book, some of the compelling applications of peptides in biological and health sciences will be introduced. This book comprises an introductory chapter, along with four chapters presented by several prominent scientists who work in the field of peptide research.

⇒ Ausführliche Angaben: HT020308915

Tan, Uner: Physical Disabilities - Therapeutic Implications
English. Inhaltliche Zusammenfassung: This book, Physical Disabilities - Therapeutic Implications, presents reports on a wide range of areas in the field of neurobiological disabilities, including movement disorders (Uner Tan syndrome, genetic and environmental influences, chronic brain damage, stroke, and pediatric disabilities) related to physical and stem cell therapy. Studies are presented from researchers around the world, looking at aspects as wide-ranging as the genetics, wheelchair, and robotics behind the conditions to new and innovative therapeutic approaches.

⇒ Ausführliche Angaben: HT020308296

Tan, Wenyong: Cardiotoxicity
English. Inhaltliche Zusammenfassung: Cardiotoxicity may be caused by radiotherapy and/or anticancer agents for many malignancies, adverse effects of some drugs in the context of medical intervention or heavy metal intake, especially during the anticancer therapy. This book intends to bring forward the recent development in toxicities from cancer treatment. It updates the possible mechanisms of cardiotoxicities of some anticancer agents and the suggested prevention and treatment strategies. This book contains many valuable contributions from the researchers in oncology and cardiology as well as the clinicians who are experts in this field.

⇒ Ausführliche Angaben: HT020309112

Tan, Yen Kheng / Merrett, Geoff V: Wireless Sensor Networks: Application-Centric Design
English. Inhaltliche Zusammenfassung: Over the past decade, there has been a prolific increase in the research, development and commercialisation of Wireless Sensor Networks (WSNs) and their associated technologies. WSNs have found application in a vast range of different domains, scenarios and disciplines. These have included healthcare, defence and security, environmental monitoring and building/structural health monitoring. However, as a result of the broad array of pertinent applications, WSN researchers have also realised the application specificity of the domain; it is incredibly difficult, if not impossible, to find an application-independent solution to most WSN problems. Hence, research into WSNs dictates the adoption of an application-centric design process. This book is not intended to be a comprehensive review of all WSN applications and deployments to date. Instead, it is a collection of state-of-the-art research papers discussing current applications and deployment experiences, but also the communication and data processing technologies that are fundamental in further developing solutions to applications. Whilst a common foundation is retained through all chapters,
this book contains a broad array of often differing interpretations, configurations and limitations of WSNs, and this highlights the diversity of this ever-changing research area. The chapters have been categorised into three distinct sections: applications and case studies, communication and networking, and information and data processing. The readership of this book is intended to be postgraduate/postdoctoral researchers and professional engineers, though some of the chapters may be of relevance to interested master’s level students.

⇒ Ausführliche Angaben: HT020307682

Tan, Yen Kheng: Sustainable Energy Harvesting Technologies - Past, Present and Future
English. Inhaltsangabe: In the early 21st century, research and development of sustainable energy harvesting (EH) technologies have started. Since then, many EH technologies have evolved, advanced and even been successfully developed into hardware prototypes for sustaining the operational lifetime of low-power electronic devices like mobile gadgets, smart wireless sensor networks, etc. Energy harvesting is a technology that harvests freely available renewable energy from the ambient environment to recharge or put used energy back into the energy storage devices without the hassle of disrupting or even discontinuing the normal operation of the specific application. With the prior knowledge and experience developed over a decade ago, progress of sustainable EH technologies research is still intact and ongoing. EH technologies are starting to mature and strong synergies are forming with dedicated application areas. To move forward, now would be a good time to setup a review and brainstorm session to evaluate the past, investigate and think through the present and understand and plan for the future sustainable energy harvesting technologies.

⇒ Ausführliche Angaben: HT020307820

Tan, Zhongchao / Li, Qinghai: Micro/Nano Materials for Clean Energy and Environment
Eng. Inhaltsangabe: The Tsinghua University-University of Waterloo Joint Research Center for Micro/Nano Energy and Environment Technology (JCMEET) is a platform. It was established on Nov. 11, 2017. The Chairperson of University Council of Tsinghua University, Dr. Xu Chen, and the President of the University of Waterloo, Dr. Feridun Hamdullahpur, attended the opening ceremony and unveiled the nameplate for the joint research center on 29th of March, 2018. The research center serves as a platform for researchers at both universities to conduct joint research in the targeted areas, and to meet regularly for information exchange, talent exchange, and knowledge mobilization, especially in the fields of micro/nano, energy, and environmental technologies. The center focuses on three main interests: micro/nano energy technology, micro/nano pollution control technology, and relevant fundamental research. In order to celebrate the first anniversary of the Joint Research Center, we were invited to serve as the Guest Editors of this Special Issue of Materials focusing on the topic of micro/nano-materials for clean energy and environment. It collects research papers from a broad range of topics related to micro/nanostructured materials aimed at future energy resources, low emission energy conversion, energy storage, energy efficiency improvement, air emission control, air monitoring, air cleaning, and many other related applications. This Special Issue provides an opportunity and example for the international community to discuss how to actively address the energy and environment issues that we are facing.

⇒ Ausführliche Angaben: HT020307450

Tanabe, Shihori: Peripheral Membrane Proteins
English. Inhaltsangabe: The peripheral membrane proteins transduce the extracellular signaling into the cells. The peripheral membrane proteins include the G protein-coupled receptors, receptor tyrosine kinases, channels and transporters. The signals, which are transduced via the peripheral membrane proteins, activate several pathways including G protein signaling, MAPK signaling, TNF signaling, TGF-β signaling, Wnt signaling and Hedgehog signaling. The peripheral membrane proteins transduce the signaling from the extracel-
lular ligands into the cells. This book intends to provide a comprehensive overview of the features and signaling of peripheral membrane proteins, which includes the molecular structure and interaction. The insights into membrane proteins associated with diseases and therapeutics and the effects of drugs and chemicals are also discussed in this book.

⇒ Ausführliche Angaben: HT020308873

Tanaka, Yohei: Photomedicine - Advances in Clinical Practice
English. Inhaltsliche Zusammenfassung: Photomedicine is one of the most inspiring and interdisciplinary fields in medicine that involves the research and application of photobiology with respect to health and disease. Photomedicine has contributed to the clinical practice of a variety of medical fields, including dermatology, surgery, radiology, diagnostics, cardiology, and anticancer therapy. Furthermore, expansion of its scope and contribution can be expected. This book covers a wide range of aspects and issues related to photomedicine, which brings together researchers from many countries. These include the basic science of photodynamic therapy, clinical applications in various kinds of medical fields, photochemotherapy, laser therapy for musculoskeletal pain, intense pulsed light therapy for photorejuvenation, biological function of low-level laser therapy, and photobiology for skin rejuvenation. Not only will this be beneficial for readers, but it will also contribute to scientists making further breakthroughs in photomedicine.

⇒ Ausführliche Angaben: HT020308261

Taner, Tolga: Application of Exergy
English. Inhaltsliche Zusammenfassung: The main scope of this study is to emphasize exergy efficiency in all fields of industry. The chapters collected in the book are contributed by invited researchers with a long-standing experience in different research areas. I hope that the material presented here is understandable to a wide audience, not only energy engineers but also scientists from various disciplines. The book contains seven chapters in three sections: (1) General Information about Exergy, (2) Exergy Applications, and (3) Thermoeconomic Analysis. This book provides detailed and up-to-date evaluations in different areas written by academics with experience in their fields. It is anticipated that this book will make a scientific contribution to exergy workers, researchers, academics, PhD students, and other scientists in both the present and the future.

⇒ Ausführliche Angaben: HT020308759

Taner, Tolga: Power Plants in the Industry
English. Inhaltsliche Zusammenfassung: The main aim of this study is to present power plants for all fields of industry. The chapters collected in the book are contributions by invited researchers with long-standing experience in different research areas. I hope that the material presented here is understandable to a wide audience, not only energy and mechanical engineering specialists but also scientists from various disciplines. The book contains seven chapters in two sections: (1) Power Plants and Technical Details and (2) Power Plants in Different Fuels. This book shows detailed and up-to-date evaluations in different areas and was written by academics with experience in their field. It is anticipated that this book will make a scientific contribution to power plant workers, researchers, academics, MSc and PhD students, and other scientists in both the present and future.

⇒ Ausführliche Angaben: HT020309231

Taner, Tolga: Proton Exchange Membrane Fuel Cell
English. Inhaltsliche Zusammenfassung: The main idea of this study is to scrutinize the performance efficiency and enhancement of modelling and simulations of PEM fuel cell. Besides, the research of PEM fuel cell performance can figure out many critical issues for an alternative resource energy. The chapters collected in the book are contributions by invited researchers with a long-standing experience in different research areas. I hope that the material presented
here is understandable to a wide audience, not only energy engineers but also scientists from various disciplines. The book contains nine chapters in three sections: (1) General Information About PEM Fuel Cell, (2) PEM Fuel Cell Technology and (3) Many Different Applications of PEM Fuel Cell. This book presents detailed and up-to-date evaluations in different areas and was written by academics with experience in their field. It is anticipated that this book will make a scientific contribution to PEM fuel cell and other alternative energy resource workers, researchers, academics, PhD students and other scientists both in the present and in the future.

⇒ Ausführliche Angaben: HT020308680

**Tapete, Deodato: Earth Observation, Remote Sensing and Geoscientific Ground Investigations for Archaeological and Heritage Research**


eng. Inhaltsliche Zusammenfassung: This book collects 15 papers written by renowned scholars from across the globe that showcase the forefront research in Earth observation (EO), remote sensing (RS), and geoscientific ground investigations to study archaeological records and cultural heritage. Archaeologists, anthropologists, geographers, remote sensing, and archaeometry experts share their methodologies relying on a wealth of techniques and data including, but not limited to: very high resolution satellite images from optical and radar space-borne sensors, air-borne surveys, geographic information systems (GIS), archaeological fieldwork, and historical maps. A couple of the contributions highlight the value of noninvasive and nondestructive laboratory analyses (e.g., neutron diffraction) to reconstruct ancient manufacturing technologies, and of geological ground investigations to corroborate hypotheses of historical events that shaped cultural landscapes. Case studies encompass famous UNESCO World Heritage Sites (e.g., the Nasca Lines in Peru), remote and yet-to-discover archaeological areas in tropical forests in central America, European countries, south Asian changing landscapes, and environments which are arid nowadays but were probably full of woody vegetation in the past. Finally, the reader can learn about the state-of-the-art of education initiatives to train site managers in the use of space technologies in support of their activities, and can understand the legal aspects involved in the application of EO and RS to address current challenges of African heritage preservation.

⇒ Ausführliche Angaben: HT020307422

**Tapia-Conyer, Roberto / Betancourt-Cravioto, Miguel / Falcón-Lezama, Jorge Abelardo: Dengue Fever - a Resilient Threat in the Face of Innovation**


English. Inhaltsliche Zusammenfassung: For over 70 years, dengue fever has challenged health systems in every region of the World. It has evolved from a benign febrile illness from the tropics to a major concern in urban settlements, overwhelming health infrastructure with large outbreaks, as it continues to teach us important lessons with its complexities. This book intends to review the latest updates on dengue fever, the tools available for its study and control, and promising technologies currently in the pipeline. With this work, the editors wish to provide students with an updated reference text on the basics of this disease as well as researchers and academics, with a useful document to understand the current outlook and the perspectives for the future.

⇒ Ausführliche Angaben: HT020309203

**Taraud, Christelle / Spensky, Martine / Rodet, Marie: Colonialismes**


French. Inhaltsliche Zusammenfassung: Ce volume reflète l’extraordinaire essor pris ces dernières années par l’histoire des femmes en situation coloniale. Onze contributions, concernant des territoires coloniaux divers, portant sur les XIXe et XXe siècles, abordent, à travers des aspects historiques, littéraires, sociologiques ou politiques, des questions fondamentales pour cerner “le sexe” de la colonisation et de la décolonisation. Elles nous montrent combien, dans les deux processus, les rapports de genre, de classe et de race s’imbriquent dans les discours et dans les faits. La richesse des approches et des problématiques démontre, s’il le fallait, la pertinence de l’outil “genre” dans l’analyse des impérialismes.
**Tarling, Roger: Managing Social Research**
English. Inhaltliche Zusammenfassung: An essential tool for those planning to undertake social research, this exceptional book tackles many of the specific concerns and issues that arise. A well structured text, it offers a comprehensive introduction to a range of important areas in project management, including: commissioning research preparing a tender or grant application risk and stakeholder analysis managing the field work and data analysis financial management ethics, confidentiality and copyright. This book provides a unique source of guidance for anyone seeking to commission, manage or carry out social research. It will especially benefit researchers working in a variety of different contexts, including those in academia, central or local government, quangos, public bodies or private consulting companies.

⇒ Ausführliche Angaben: HT020309781

**Tarp, Finn / Brixen, Peter: South African Economy**
English. Inhaltliche Zusammenfassung: What are the macroeconomic prospects for South Africa until the new millennium? Two methods of macroeconomic modelling, associated with the World Bank and IMF, are used here to generate three scenarios, based on moderately optimistic projections. The methodology used can be applied to other developing countries.

⇒ Ausführliche Angaben: HT020310198

**Tarp, Finn / Rönkkö, Risto / Pikkarainen, Ville: Chapter 4 Development and poverty in Sub-Saharan Africa**
English. Inhaltliche Zusammenfassung: This paper puts sub-Saharan Africa’s economic development into perspective. While much did not go as hoped for at independence, much of the region has been on a more promising development trajectory since the mid-1990s, as we illustrate using growth, poverty, and human development indicators. We identify key weaknesses, including lack of structural transformation and the slow rate of employment growth. We refer to global shocks that have played a critical role in sub-Saharan Africa's economic performance alongside domestic events, policies, and governance. Finally, we discuss a set of critical challenges requiring effective management for sub-Saharan Africa to realize its considerable development potential.

⇒ Ausführliche Angaben: HT020310136

**Taskin, Turgay / Yücel, Banu: Animal Husbandry and Nutrition**
English. Inhaltliche Zusammenfassung: This book focuses on the animal husbandry and nutrition based on significant evaluations by the authors of the chapters. Many chapters contain general overviews on animal husbandry and nutrition from different countries. Also, the sections created shed light on futuristic overlook with improvements for animal husbandry and feeding sector. Details about rearing and feeding different animal races are also covered herein. It is hoped that this book will serve as a source of knowledge and information on animal husbandry and nutrition sector.

⇒ Ausführliche Angaben: HT020308859

**Tassin, Étienne / Truc, Gérôme: Assumer l’humanité**
avec celles de Karl Jaspers, Hans Jonas, John Dewey, mais aussi Paul Ricoeur. Ce faisant, trouver aussi un guide pour articuler de manière efficace les multiples conceptions existantes de la responsabilité, tant en philosophie qu’en sciences sociales: responsabilité collective, responsabilité sans faute, responsabilité-dette, responsabilité-promesse, responsabilité-partagée... Cet effort d’éclaircissement conceptuel est requis par les incessantes références à la responsabilité dans nombre de nos débats contemporains. Mais il offre surtout une réponse inédite à une question en apparence triviale: pourquoi certains hommes nous sont-ils étrangers ? L’humanité, selon Arendt, est constituée d’une pluralité d’êtres singuliers, tous irréductiblement distincts les uns des autres - nul n’a donc de raison de nous être plus étranger qu’un autre. Et parce que c’est au sein de cette pluralité humaine que nous agissons, nos actions ont sur les autres hommes des conséquences imprévisibles, qui excèdent toujours nos intentions. Jusqu’à quelle limite acceptons-nous alors d’être tenus pour responsables de ces conséquences que nous n’avons pas voulues ? Refuser d’avoir des comptes à rendre à certaines personnes affectées par nos actions, refuser par conséquent de nous montrer responsables à leur égard, n’est-ce pas là notre motif pour les désigner comme étrangères ? La pluralité lance donc un défi à la responsabilité: jusqu’à quel point sommes-nous capables d’assumer l’humanité ?.
Ultimately, this book seeks to understand if it is conceivable for digital advancement to result in the creation of private/non-governmental alternatives to welfare services, possibly in a manner that transcends national boundaries. This study also investigates the possible ramifications of technological development for the public sector and the Western welfare society at large. This book takes its point of departure from the 2016 Organization for Economic Cooperation and Development (OECD) report that targets specific public service areas in which government needs to adopt new strategies not to fall behind. Specifically, this report emphasizes the focus on digitalization of health care/social care, education, and protection services, including the use of assistive technologies referred to as digital welfare. Hence, this book explores the factors potentially leading to whether state actors could be overrun by other non-governmental actors, disrupting the current status quo of welfare services. The book seeks to provide an innovative, enriching, and controversial take on society at large and how various aspects of the public sector can be, and are, affected by the ongoing digitalization process in a way that is not covered by extant literature on the market. This book takes its point of departure in Sweden given the fact that Sweden is one of the most digitalized countries in Europe, according to the Digital Economy and Society Index (DESI), making it a pertinent research case. However, as digitalization transcends national borders, large parts of the subject matter take on an international angle. This includes cases from several other countries around Europe as well as the United States.

⇒ Ausführliche Angaben: HT020309719

Tejedor, Javier Prieto: Bayesian Inference
English. Inhaltsliche Zusammenfassung: The range of Bayesian inference algorithms and their different applications has been greatly expanded since the first implementation of a Kalman filter by Stanley F. Schmidt for the Apollo program. Extended Kalman filters or particle filters are just some examples of these algorithms that have been extensively applied to logistics, medical services, search and rescue operations, or automotive safety, among others. This book takes a look at both theoretical foundations of Bayesian inference and practical implementations in different fields. It is intended as an introductory guide for the application of Bayesian inference in the fields of life sciences, engineering, and economics, as well as a source document of fundamentals for intermediate Bayesian readers.

⇒ Ausführliche Angaben: HT020308470

Teletchea, Fabrice: Animal Domestication
English. Inhaltsliche Zusammenfassung: Domestication, which is by definition a long ongoing process, was one of the most significant cultural and evolutionary transitions of human history, as well as a fundamental change in the evolution of the biosphere. Nevertheless, despite a vivid interest from numerous scholars, both the terms domestication and domestic animal remain confusing, and several animal groups are still poorly studied. This book contains contributions from diverse researchers and includes seven chapters, three on land animals and four on aquatic animals. The goal of this book is to stimulate fruitful exchanges to help better define the concepts of domestication and domesticated animals, and on a more applied view, help develop a more sustainable production, with animals more efficient and resilient to global change.

⇒ Ausführliche Angaben: HT020309443

Telò, Mario / Quermonne, Jean-Louis / Louis, Jean-Victor: La constitution de l'Europe
French. Inhaltsliche Zusammenfassung: L’Union européenne est arrivée, au tournant du siècle, à un cap de son histoire. Après cinquante ans de construction au coup par coup, elle se prépare à s'étendre à l'ensemble du continent, à réformer ses institutions et à définir son modèle économique et social. Rien d'étonnant, dès lors, à ce que l'idée de la doter l’Union européenne d’une constitution refasse surface. Les plus hauts dirigeants politiques français
et allemand ont lancé un débat constitutionnel qui suscite d’amples discussions. Écrire une constitution pour l’Europe constitue en effet une entreprise ambitieuse, qui ne va pas sans poser quelques questions fondamentales. Elles concernent d’abord la méthode.-.

⇒ Ausführliche Angaben: HT020309752

Temple, Ludovic / Kwa, Mo’ise: Le bananier plantain
French. Inhaltliche Zusammenfassung: Les bananes à cuire et plantain sont des productions cruciales des pays des zones tropicales humides. Très énergétiques (110 à 120cal/100 g), riches en éléments minéraux et en vitamines, ces aliments répondentaux enjeux de sécurité alimentaire et nutritionnels. Les régions forestières d’Afrique, d’Amérique latine et d’Asie en produisent 30 millions de tonnes paran (près de 70 % en Afrique) et la consommation moyenne est de 50 à 200kg/hab./an. Conduite le plus souvent dans des modes de production d’agriculture familiale, la majeure partie de la production est autoconsommée ou vendue localement, sous forme de mets très variés, mais peu de produits transformés sont disponibles sur les marchés. Des entrepreneurs investissent dans la production de plantain pour leexport vers les États-Unis et l’Europe et pourdes filières orientées vers la fabrication de farines. La multiplicité des usages et la capacité d’adaptation du plantain à des zones agroclimatiques diverses sont des atouts de cette filière. Cet ouvrage se réfère plus particulièrement aux recherches et aux productions d’Afrique subsaharienne. Clair, concis et bien illustré, il présente un état des connaissances et des innovations disponibles sur la culture du bananier plantain, ainsi que les atouts et les contraintes de cette filière. Diffuser les avancées techniques et scientifiques, et intéresser les entrepreneurs et les industriels, d’une part, les agriculteurs et les professionnels, d’autre part, constituent les enjeux du développement de la filière du plantain.

⇒ Ausführliche Angaben: HT020310381

Temple, Nicholas: Disclosing Horizons
English. Inhaltliche Zusammenfassung: This study examines the influence of perspective on architecture, highlighting how critical historical changes in the representation and perception of space continue to inform the way architects design. Since its earliest developments, perspective was conceived as an exemplary form of representation that served as an ideal model of how everyday existence could be measured and ultimately judged. Temple argues that underlying the symbolic and epistemological meanings of perspective there prevails a deeply embedded redemptive view of the world that is deemed perfectible. Temple explores this idea through a genealogical investigation of the cultural and philosophical contexts of perspective throughout history, highlighting how these developments influenced architectural thought. This broad historical enquiry is accompanied by a series of case-studies of modern or contemporary buildings, each demonstrating a particular affinity with the accompanying historical model of perspective.

⇒ Ausführliche Angaben: HT020310273

Tenedório, José António / Rocha, Jorge: Spatial Analysis, Modelling and Planning
English. Inhaltliche Zusammenfassung: New powerful technologies, such as geographic information systems (GIS), have been evolving and are quickly becoming part of a worldwide emergent digital infrastructure. Spatial analysis is becoming more important than ever because enormous volumes of spatial data are available from different sources, such as social media and mobile phones. When locational information is provided, spatial analysis researchers can use it to calculate statistical and mathematical relationships through time and space. This book aims to demonstrate how computer methods of spatial analysis and modelling, integrated in a GIS environment, can be used to better understand reality and give rise to more informed and, thus, improved planning. It provides a comprehensive discussion of spatial analysis, methods, and approaches related to planning.

⇒ Ausführliche Angaben: HT020309131
Tesinova, Pavla: Advances in Composite Materials - Analysis of Natural and Man-Made Materials
English. Inhaltliche Zusammenfassung: Composites are made up of constituent materials with high engineering potential. This potential is wide as wide is the variation of materials and structure constructions when new updates are invented every day. Technological advances in composite field are included in the equipment surrounding us daily; our lives are becoming safer, hand in hand with economical and ecological advantages. This book collects original studies concerning composite materials, their properties and testing from various points of view. Chapters are divided into groups according to their main aim. Material properties are described in innovative way either for standard components as glass, epoxy, carbon, etc et cetera or biomaterials and natural sources materials as ramie, bone, wood, etc et cetera Manufacturing processes are represented by moulding methods; lamination process includes monitoring during process. Innovative testing procedures are described in electrochemistry, pulse velocity, fracture toughness in macro-micro mechanical behaviour and more.
⇒ Ausführliche Angaben: HT020307768

Tewdwr-Jones, Mark: The Planning Polity
English. Inhaltliche Zusammenfassung: Planning is not a technical and value free activity. Planning is an overt political system that creates both winners and losers. The Planning Polity is a book that considers the politics of development and decision-making, and political conflicts between agencies and institutions within British town and country planning. The focus of assessment is how British planning has been formulated since the early 1990s, and provides an in-depth and revealing assessment of both the Major and Blair governments terms of office. The book will prove to be an invaluable guide to the British planning system today and the political demands on it. Students and activists within urban and regional studies, planning, political science and government, environmental studies, urban and rural geography, development, surveying and planning, will all find the book to be an essential companion to their work.
⇒ Ausführliche Angaben: HT020310092

Thakur, Suman / Kumar, Bipin: Textiles for Advanced Applications
English. Inhaltliche Zusammenfassung: This book presents a global view of the development and applications of technical textiles with the description of materials, structures, properties, characterizations, functions and relevant production technologies, case studies, challenges, and opportunities. Technical textile is a transformative research area, dealing with the creation and studies of new generations of textiles that hoist many new scientific and technological challenges that have never been encountered before. The book emphasizes more on the principles of textile science and technology to provide solutions to several engineering problems. All chapter topics are exclusive and selectively chosen and designed, and they are extensively explored by different authors having specific knowledge in each area.
⇒ Ausführliche Angaben: HT020308442

Thaler, Miriam: Motorische Leistungsfähigkeit von Grundschulkindern im Stadt-Land-Vergleich
⇒ Ein Buch
- Freihand: BA 3365
⇒ Ausführliche Angaben: HT020314624

Theo, Deutsche Gesellschaft für Geschichte und: Annals of the History and Philosophy of Biology 23/2018
English|German. Inhaltliche Zusammenfassung: The name DGGTB (Deutsche Gesellschaft für Geschichte und Theorie der Biologie; German Society for the History and Philosophy of Biology) reflects recent history as well as German tradition. The Society is a relatively late addition to a series of German societies of science and medicine that began with the "Deutsche Gesellschaft für Geschichte der Medizin und der Naturwissenschaften", founded in 1910 by Leipzig University’s Karl Sudhoff (1853-1938), who wrote: "We want to establish a ‘German’ society in order to gather German-speaking historians together in our special disciplines so that they form the core of an international society...". Yet Sudhoff, at this time of burgeoning academic internationalism, was "quite willing" to accommodate the wishes of a number of founding members and "drop the word German in the title of the Society and have it merge with an international society". The founding and naming of the Society at that time derived from a specific set of historical circumstances, and the same was true some 80 years later when in 1991, in the wake of German reunification, the "Deutsche Gesellschaft für Geschichte und Theorie der Biologie" was founded. From the start, the Society has been committed to bringing studies in the history and philosophy of biology to a wide audience, using for this purpose its Jahrbuch für Geschichte und Theorie der Biologie. Parallel to the Jahrbuch, the Verhandlungen zur Geschichte und Theorie der Biologie has become the by now traditional medium for the publication of papers delivered at the Society’s annual meetings. In 2005 the Jahrbuch was renamed Annals of the History and Philosophy of Biology, reflecting the Society’s internationalist aspirations in addressing comparative biology as a subject of historical and philosophical studies.

⇒ Ausführliche Angaben: HT020307549

Theophanides, Theophile: Infrared Spectroscopy - Life and Biomedical Sciences
English. Inhaltliche Zusammenfassung: This informative and state-of-the-art book on Infrared Spectroscopy in Life sciences designed for researchers, academics as well as for those working in industry, agriculture and in pharmaceutical companies features 20 chapters of applications of MIRS and NIRS in brain activity and clinical research. It shows excellent FT-IR spectra of breast tissues, atheromatic plaques, human bones and projects assessment of haemodynamic activation in the cerebral cortex, brain oxygenation studies and many interesting insights from a medical perspective.

⇒ Ausführliche Angaben: HT020309577

Theophanides, Theophile: Infrared Spectroscopy - Materials Science, Engineering and Technology
English. Inhaltliche Zusammenfassung: The present book is a definitive review in the field of Infrared (IR) and Near Infrared (NIR) Spectroscopies, which are powerful, non invasive imaging techniques. This book brings together multidisciplinary chapters written by leading authorities in the area. The book provides a thorough overview of progress in the field of applications of IR and NIR spectroscopy in Materials Science, Engineering and Technology. Through a presentation of diverse applications, this book aims at bridging various disciplines and provides a platform for collaborations among scientists.

⇒ Ausführliche Angaben: HT020307902

Therond, Olivier / Tibi, Anaïs: Services écosystémiques fournis par les espaces agricoles
French. Inhaltliche Zusammenfassung: Based on analyses by agricultural and legal experts, this work offers food for thought on using the law to include the notion of ecosystem service in soil protection. It has been written as part of the research programme à©Soil cultivation, ecosystem services and compensation. Agricultural and legal aspects within the Institute of legal studies on town planning, construction and environment.

⇒ Ausführliche Angaben: HT020310379
Thies, Gerhard / Cristofolini, Peter M.: Verkaufsförderung. Strategie und Taktik
German.
⇒ Ausführliche Angaben: HT020309981

Thirumalai, Jagannathan: Hydroxyapatite - Advances in Composite Nanomaterials, Biomedical Applications and Its Technological Facets
English. Inhaltliche Zusammenfassung: The goal of this book is to provide readers with a broad appraisal of topics in global advancements in theoretical and experimental facts, and practical applications of nano-HAp materials based on their synthesis, properties, prospects, and potential biomedical treatments. The perspective of this book involves the preparation of crystalline nano-HAp materials including preferential orientation, various properties and new prospects in biomimetics, bone tissue infections, biomedical implants, regenerative medicinal treatments and a wide range of technological applications. This book is categorized into two main sections: Hydroxyapatite: synthesis, properties, perspectives, and prospects; and the application of hydroxyapatite: a synergistic outlook. Individual chapters provide a base for a wide range of readers from diversified fields, including students and researchers, who will find in this book simply explained basics as well as advanced techniques of specific subjects related to these phenomena. The book is made up of nine contributions, compiled by experts from wide-ranging fields involved in biomaterials/materials in science and technology from over 15 research institutes across the globe.
⇒ Ausführliche Angaben: HT020308568

Thirumalai, Jagannathan: Light-Emitting Diode - An Outlook On the Empirical Features and Its Recent Technological Advancements
English. Inhaltliche Zusammenfassung: The broad vision of this book is to offer book lovers a comprehensive appraisal of topics in the global advancements of experimental facts, instrumentation, and practical applications of LED and OLED materials and their applications. The prime feature of this book is connected with LED and OLED materials approaches of fabrication, optimization limits, and their extensive technical applications. This book is comprised of seven chapters encompassing the importance of LEDs and OLEDs, the history of LEDs and OLEDs with necessary examples, the phototoxic-cum-bactericidal effect due to the usage of blue LED irradiation, DC network indoor and outdoor LED lighting, WLEDs with thermally activated delayed fluorescence emitters, tetratendate cyclometalated platinum (II) complex-based efficient organic LEDs, the impact of the use of large LED lighting loads in low-voltage networks, highly efficient OLEDs using thermally activated delayed fluorescent materials, and AlGaN deep ultraviolet LEDs. Individual chapters provide a base for the wide range of common bibliophiles in diversified fields, students, and researchers, who may conduct research pertinent to this book and will find simply explained basics as well as advanced principles of designated subjects related to these phenomena. The book was created from seven contributions from experts in the diversified fields of LED and OLED fabrication and technology from over 15 research institutes across the globe.
⇒ Ausführliche Angaben: HT020309010

Thirumalai, Jagannathan: Luminescence - An Outlook on the Phenomena and their Applications
English. Inhaltliche Zusammenfassung: The aim of this book is to give readers a broad review of topical worldwide advancements in theoretical and experimental facts, instrumentation and practical applications erudite by luminescent materials and their prospects in dealing with different types of luminescence like photoluminescence, electroluminescence, thermoluminescence, triboluminescence, bioluminescence design and applications. The additional
part of this book deals with the dynamics, rare-earth ions, photon down-/up-converting materials, luminescence dating, lifetime, bioluminescence microscopical perspectives and prospects towards the basic research or for more advanced applications. This book is divided into four main sections: luminescent materials and their associated phenomena; photo-physical properties and their emerging applications; thermoluminescence dating: from theory to applications, and bioluminescence perspectives and prospects. Individual chapters should serve the broad spectrum of common readers of diverse expertise, layman, students and researchers, who may in this book find easily elucidated fundamentals as well as progressive principles of specific subjects associated with these phenomena. This book was created by 14 contributions from experts in different fields of luminescence and technology from over 20 research institutes worldwide.

⇒ Ausführliche Angaben: HT020308082

Thirumalai, Jagannathan: Micro/Nanolithography - A Heuristic Aspect on the Enduring Technology
English. Inhaltliche Zusammenfassung: The main objective of this book is to give proficient people a comprehensive review of up-to-date global improvements in hypothetical and experimental evidences, perspectives and prospects of some newsworthy instrumentation and its numerous technological applications for a wide range of lithographic fabrication techniques. The present theme of this book is concomitant with the lithographic ways and means of deposition, optimization parameters and their wide technological applications. This book consists of six chapters comprehending with eminence of lithography, fabrication and reproduction of periodic nanopyramid structures using UV nanoimprint lithography for solar cell applications, large-area nanoimprint lithography and applications, micro-/nanopatterning on polymers, OPC under immersion lithography associated to novel luminescence applications, achromatic Talbot lithography (ATL) and the soft X-ray interference lithography. Individual chapters provide a base for a wide range of readers from different fields, students and researchers, who may be doing research pertinent to the topics discussed in this book and find basic as well as advanced principles of designated subjects related to these phenomena explained plainly. The book contains six chapters by experts in different fields of lithographic fabrication and technology from over 15 research institutes across the globe.

⇒ Ausführliche Angaben: HT020308685

Thirumalai, Jagannathan: Thin Film Processes - Artifacts on Surface Phenomena and Technological Facets
English. Inhaltliche Zusammenfassung: The book Thin Film Processes - Artifacts on Surface Phenomena and Technological Facets presents topics on global advancements in theoretical and experimental facts, instrumentation and practical applications of thin-film material perspectives and its applications. The aspect of this book is associated with the thin-film physics, the methods of deposition, optimization parameters and its wide technological applications. This book is divided into three main sections: Thin Film Deposition Methods: A Synthesis Perspective; Optimization Parameters in the Thin Film Science and Application of Thin Films: A Synergistic Outlook. Collected chapters provide applicable knowledge for a wide range of readers: common men, students and researchers. It was constructed by experts in diverse fields of thin-film science and technology from over 15 research institutes across the globe.

⇒ Ausführliche Angaben: HT020308220

Thönnessen, Nadja: Bewegungsanalysen als Grundlage für die Prävention von Sportverletzungen im Nachwuchsbereich

⇒ Ein Buch
   - Freihand: BA 3246

⇒ Ausführliche Angaben: HT020314633

⇒ Ausführliche Angaben: HT020307563

Inhaltliche Zusammenfassung: The book on complex systems, sustainability, and innovation explores a broad set of ideas and presents some of the state-of-the-art research in this field concisely in six chapters. In a complex system, it is difficult to know exactly how the individual components contribute to an observed behavior and the extent of each components contributions. It is the interactions of the individual components that determine the emergent functionalities. This makes it difficult to understand and predict the behavior of complex systems and hence the effects of any innovations in this field. This necessitates for the emergence of a new age of innovations with the main focus on user orientation and sustainability. This book explores some of the complex systems and their dependence on the environment to provide a long-term perspective, aiding innovations and supporting a sustainable society. The intended audience of this book will mainly consist of researchers, research students, and practitioners in the field of complex systems and sustainability.

⇒ Ausführliche Angaben: HT020308112

Inhaltliche Zusammenfassung: This book on data mining explores a broad set of ideas and presents some of the state-of-the-art research in this field. The book is triggered by pervasive applications that retrieve knowledge from real-world big data. Data mining finds applications in the entire spectrum of science and technology including basic sciences to life sciences and medicine, to social, economic, and cognitive sciences, to engineering and computers. The chapters discuss various applications and research frontiers in data mining with algorithms and implementation details for use in real-world. This can be through characterization, classification, discrimination, anomaly detection, association, clustering, trend or evolution prediction, et cetera The intended audience of this book will mainly consist of researchers, research students, practitioners, data analysts, and business professionals who seek information on the various data mining techniques and their applications.

⇒ Ausführliche Angaben: HT020308924

Inhaltliche Zusammenfassung: The book on Ontology in Information Science explores a broad set of ideas and presents some of the state-of-the-art research in this field concisely in 12 chapters. This book provides researchers and practitioners working in the field of ontology and information science an opportunity to share their theories, methodologies, experiences, and experimental results related to ontology development and application in various areas. It also includes the design aspects of domain ontologies considering the architecture, development strategy, and selection of tools. The intended audience of this book will mainly consist of researchers, research students, and practitioners in the field of ontology and information science.

⇒ Ausführliche Angaben: HT020308608

Inhaltliche Zusammenfassung: This book provides researchers and practitioners working in the field of queer theory and queer studies an opportunity to share their theories, methodologies, experiences, and experimental results related to queer theory and queer studies in various areas. It also includes the design aspects of domain ontologies considering the architecture, development strategy, and selection of tools. The intended audience of this book will mainly consist of researchers, research students, and practitioners in the field of queer theory and queer studies.

⇒ Ausführliche Angaben: HT020308608
⇒ Ausführliche Angaben: HT020310475

Thonhauser, Johannes: Die Kirche und die "Kärntner Seele"
German. Inhaltliche Zusammenfassung: This study deals with the perception of the Catholic church in Carinthia, a federal state of Austria, especially during the austrofascist era from 1933/34 to1938. Therefore, important historical stages in Carinthian history are outlined and so far unpublished archive material is analyzed. After all, particular facets of the Carinthian habitus are illustrated by text and image samples from arts, literature, and historiography.
⇒ Ausführliche Angaben: HT020307367

Thurn und Taxis-Hohenlohe, Marie: Erinnerungen an Rainer Maria Rilke
1933. 1 electronic resource (102 pages). ISBN 9783486767797
German.
⇒ Ausführliche Angaben: HT020310046

Thym, Daniel: Sollbruchstellen des deutschen, europäischen und inter- nationalen Flüchtlingsrechts
⇒ Ausführliche Angaben: HT020309960

Tiefenbacher, John: Approaches to Managing Disaster - Assessing Ha- zards, Emergencies and Disaster Impacts
English. Inhaltliche Zusammenfassung: Approaches to Managing Disaster - Assessing Hazards, Emergencies and Disaster Impacts demonstrates the array of information that is critical for improving disaster management. The book reflects major management components of the disaster continuum (the nature of risk, hazard, vulnerability, planning, response and ad- aptation) in the context of threats that derive from both nature and technology. The chapters include a selection of original research reports by an array of international scholars focused either on specific locations or on specific events. The chapters are ordered according to the phases of emergencies and disasters. The text reflects the disciplinary diversity found within disaster management and the challenges presented by the co-mingling of science and social science in their collective efforts to promote improvements in the techniques, approaches, and decision-making by emergency-response practitioners and the public. This text demonstrates the growing complexity of disasters and their management, as well as the tests societies face every day.
⇒ Ausführliche Angaben: HT020307877

Tiefenbacher, John P.: Natural Hazards - Risk, Exposure, Response, and Resilience
English. Inhaltliche Zusammenfassung: Natural Hazards - Risk, Exposure, Response, and Resilience demonstrates advanced techniques to measure risks, exposures, responses, and solutions to hazards in an array of communities. Eleven original research reports by international scholars on hazard assessment and management are organized into four sections: studies assessing risk using in-depth modeling and technological detection to provide insight into problems associated with earthquakes, torrential rains, and nuclear power plant safety; studies revealing the spatial distributions of exposure and impacts from an assortment of hazards; studies examining human response to increased awareness of the patterns of hazard; and a study demonstrating assessment of resilience of sociotechnological systems to natural hazards. This volume contributes new conceptual and practical commentaries to assess, mitigate, and plan for disasters.

⇒ Ausführliche Angaben: HT020309463

Tisson, Caroline: Der Einfluss einer virtuellen Waldumgebung während einer moderaten Belastung auf dem Fahrradergometer auf das aktuelle Wohlbefinden
⇒ Ein Buch
- Freihand: BA 3366
⇒ Ausführliche Angaben: HT020314675

Titko, Michal / Ristvej, Jozef / Holla, Katarina: Crisis Management - Theory and Practice
English. Inhaltliche Zusammenfassung: Crisis management is an interdisciplinary subject field represented by theoretical problems, practical activity, people management and the art of crisis situation solving. Overall, the studies that this publication contains are to provide an overview of the state of the art mainly focused on crisis management cycle represented by certain phases and steps. Topics include also lessons learned from natural and man-made disasters, crisis communication, information systems in crisis management, civil protection and economics in crisis management. We hope that chapters of this book will provide useful information within crisis management issue for a wide audience.
⇒ Ausführliche Angaben: HT020308779

Tiwari, Archana: Cyanobacteria
English. Inhaltliche Zusammenfassung: Cyanobacteria are photosynthetic microorganisms that inhabit almost all geographic locations, including oceans, caves, ponds, lakes, soil, snow, and hot springs. Their acumen to survive and succeed in a plethora of ambiance is due to their extraordinary metabolism and adaptations. Their wide applications include therapeutics, cosmeceuticals, wastewater remediation, biofuels, antioxidative enzymes, agriculture, and so on. This book highlights the important aspects pertinent to the fascinating world of cyanobacteria covering diverse topics such as electron microscopic dimension, cultivation, stress, and adaptations. This book provides insights into the world of tiny microbial factories and unravels the potentials for their futuristic innovative applications as precursors of drug molecules, eco-friendly renewable energy sources, remediation, and reservoirs of diverse value-added products for a better and brighter tomorrow.
⇒ Ausführliche Angaben: HT020308969

Tkachev, Sergey: Non-Flavivirus Encephalitis
English. Inhaltliche Zusammenfassung: This book covers the different aspects of non-flavivirus encephalitises of different ethiology. The first section of the book considers general problems of epidemiology such as study of zoonotic and animal vectors of encephalitis causative agents and methods and approaches for encephalitis zoonoses investigations. The members of different virus species are known to be the causative agents of encephalitis, so
the second section of the book is devoted to these viral pathogens, their epidemiology, pathology, diagnostics and molecular mechanisms of encephalitis development by such viruses as HIV/SIV, herpes simplex virus type 1 and equine herpesvirus 9, measles virus, coronaviruses, alphaviruses and rabies virus. The next section of the book concerns the study of protozoan pathogens such as toxoplasma and amoebae. The last section of the book is devoted to multicellular pathogen as human Filaria Loa Loa - a filarial worm restricted to the West Africa.

⇒ Ausführliche Angaben: HT020309568

Todd, P. A. / Swearer, S. E. / Smith, I. P.: Oceanography and Marine Biology
English. Inhaltliche Zusammenfassung: Oceanography and Marine Biology: An Annual Review remains one of the most cited sources in marine science and oceanography. The ever increasing interest in work in oceanography and marine biology and its relevance to global environmental issues, especially global climate change and its impacts, creates a demand for authoritative reviews summarizing the results of recent research. This volume covers topics that include resting cysts from coastal marine plankton, facilitation cascades in marine ecosystems, and the way that human activities are rapidly altering the sensory landscape and behaviour of marine animals. For more than 50 years, OMBAR has been an essential reference for research workers and students in all fields of marine science. From Volume 57 a new international Editorial Board ensures global relevance, with editors from the UK, Ireland, Canada, Australia and Singapore. The series volumes find a place in the libraries of not only marine laboratories and institutes, but also universities.

⇒ Ausführliche Angaben: HT020307503

Töpfer, Clemens: Sportbezogene Gesundheitskompetenz: Kompetenzmodellierung und Testentwicklung für den Sportunterricht

⇒ 2 Bücher
  - Freihand: 2019 / 2860
  - Freihand: 2019 / 2861

⇒ DDC (Dewey Decimal Classification):
  - 796DNB 796DNB

⇒ DDC (Dewey Decimal Classification):
  - 79623sdnb 79623sdnb

⇒ Ausführliche Angaben: HT020315103

Toivanen, Mari / Skaptadóttir, Unnur Dís / Keskinen, Suvi: Chapter 1 Narrations of homogeneity, waning welfare states, and the politics of solidarity
English. Inhaltliche Zusammenfassung: This chapter introduces the book’s critical approach to the narratives of cultural homogeneity and social cohesion that are usually taken for granted in the understandings of societal security in the Nordic region. Through historical analyses, the contributions show how the idea of exceptional cultural homogeneity was developed through activities by social scientists, nationalist politicians, journalists, and cultural actors, among others. The production of a “homogeneous nation” was achieved through repression and assimilation of indigenous peoples and ethnoracially defined minorities living within the nation-state borders. The chapter locates the themes of the book in international scientific discussions on multiculturalism, racism and securitisation in Europe. These questions have become especially pressing in the wake of the waning welfare states and expanding neoliberal policies. The chapter argues that there is a need for a politics of solidarity that is not based on
expectations of cultural, ethnic, or racial homogeneity and their related exclusions. New politics of solidarity needs to acknowledge the histories and currents of colonialism and depart from an understanding of social justice that incorporates and seeks to repair the experiences of cultural and economic injustices.

⇒ Ausführliche Angaben: HT020307623

**Toledo, Vagner de Alencar Arnaut de:** Honey Analysis
English. Inhaltsliche Zusammenfassung: The book Honey Analysis has 15 chapters divided into two sections: one section that is dedicated to the analysis of bioactive, physicochemical, and microbiological compounds and another that addresses techniques for the detection of residues and heavy metals. We have been able to compile a book with chapters by authors from nine countries (Brazil, Chile, Italy, Malta, New Zealand, Poland, Romania, Serbia, and Turkey) and at least three continents (South America, Europe, and Oceania). The topics discussed here are physical-chemical analysis of honey, new methods for amino acid analysis, chemical residues, heavy metals, phenolic content and bioactive components, microbiological analysis, antimicrobial activity, and honey as functional food. Also there are notions of trade and characterization of honey in these countries, presenting the reality of the local market of these countries and their perspectives so that we can know more about the techniques used as well as the importance of this activity for each country. This may facilitate the use of innovative techniques that may enable increased competitiveness and the world honey trade.

⇒ Ausführliche Angaben: HT020308187

**Tolekova, Anna Naidenova:** Renin-Angiotensin System - Past, Present and Future
English. Inhaltsliche Zusammenfassung: Exploring the contractile activity of smooth muscle segments isolated from various organs of healthy animals and animals with experimentally induced diabetes, she obtained original data about angiotensin II-induced force and time parameters. For the first time, she established the effect of ghrelin on angiotensin II-provoked contraction of the urinary bladder. Original data on the role of both types of angiotensin receptors for the contractile activity of the various segments of the gastrointestinal tract and bladder were obtained. By applying specific software for force and time parameter analysis, the contribution of different types of angiotensin receptors on muscle contractility has been shown. The new methodology was used to analyze the data obtained during the registration of smooth muscle relaxation activity, which allows the determination of not only the magnitude of the mechanical response but also the parameters related to the time and speed of the contractions. Plasma renin activity models have been developed using mathematical approaches to predict the effect of different drug doses on the behavior of the system.

⇒ Ausführliche Angaben: HT020308353

**Tombak, Anil:** Blood Groups
English. Inhaltsliche Zusammenfassung: Blood groups, erythrocyte antigens, and transfusion are fundamental areas of medicine and are related to many disciplines of science like hematology, immunology, surgery, and genetics. This book is a collection of information related to blood groups and transfusion, and a practical resource for all concerned physicians. The book is divided into two sections. The first section includes chapters on blood transfusion reactions and hemolytic disease of the fetus. The second section includes information for the future perspectives of blood group antigens. This book will be a stepping stone for scientists who are rapidly advancing their science journey.

⇒ Ausführliche Angaben: HT020309435

**Tomcik, Michal:** New Insights into Systemic Sclerosis
English. Inhaltliche Zusammenfassung: Systemic sclerosis (scleroderma) is an incurable connective tissue disease of unknown etiology. Three key processes play a pivotal role in the pathogenesis: immune dysregulation and inflammation, endothelial injury and vasculopathy, and fibrosis. Tissue fibrosis is the dominant and characteristic feature that affects the skin and visceral organs. Life expectancy of scleroderma patients has improved over recent years, mainly because of better treatment of organ involvement and complications; however, no curative disease-modifying therapies exist to date. This book aims to provide students, trainees, rheumatologists, and other specialists interested in this disease with a comprehensive overview of novel pathogenetic mechanisms, management approaches, and therapeutic targets of several major vascular and fibrotic manifestations, and is useful insight into a number of usually neglected aspects of scleroderma.

⇒ Ausführliche Angaben: HT020309496

Tomlinson, Jim / Tiratsoo, Nick: Industrial Efficiency and State Intervention
English. Inhaltliche Zusammenfassung: Nick Tiratsoo and Jim Tomlinson describe and assess the Labour Partys development of a policy of improving industrial efficiency. They concentrate on the debates and initiatives of the wartime period and subsequent implementation of policy under Attlee. The book modifies existing historiography in two ways - it shows that the Labour Party of 1945-51 was concerned mainly with industrial modernization, not with creating the Welfare State, and it tackles the consequently necessary re-evaluation of wider theories about Britains economic decline.

⇒ Ausführliche Angaben: HT020310228

Topacoglu, Hakan / Karcio glu, Ozgur: Trauma Surgery
English. Inhaltliche Zusammenfassung: Although trauma victims constitute around one-tenth to one-eighth of the total patient volume in hospital emergency departments, the burden of trauma on humankind is beyond these statistics. The twenty-first century is witnessing a growing threat on human beings imposed by many sources, namely natural disasters, terrorism and other conflicts, warfare, and transportation accidents; all of which ignite the rise of major trauma incidents worldwide. Physicians, therefore, get involved in trauma management more and more frequently in time. They need to evaluate, diagnose, treat, and stabilize victims and help them take part in active and productive life as soon as possible. Technological advances have provided many techniques to augment trauma care and resuscitation, fracture healing, wound care, casts and splints, sutures, and transfusions. However, the successful management of trauma warrants a collaboration of emergency medicine, surgical disciplines, intensive care medicine, and almost all the resources of a hospital. This work is an example of a multidisciplinary approach that is a must to maximize synergistic efforts to deliver contemporary care for trauma victims of all ages throughout the world.

⇒ Ausführliche Angaben: HT020308988

Torres, Alba Fabiola Costa: Lung Cancer - Strategies for Diagnosis and Treatment
English. Inhaltliche Zusammenfassung: Among the deadliest type of cancers, lung cancer faces several challenges in diagnosis and treatment: late diagnosis and misdiagnosis, inadequate tumor sampling, and resistance development to current therapies, among others. Together with advances in the understanding of molecular features, factors, and mechanisms involved in initiation and tumor progression, important improvements have occurred in diagnostics and therapeutics in the shape of advances in molecular genotyping, procedures for sampling, new potential, and less invasive sources of samples for the diagnosis and development of new targeted therapies. The aim of this book is to provide an exciting read on strategies in the diagnosis and therapy of lung cancer.

⇒ Ausführliche Angaben: HT020309097
Torres-Pacheco, Irineo: Aflatoxins - Detection, Measurement and Control
English. Inhaltliche Zusammenfassung: This book is divided into three sections. The section called Aflatoxin Contamination discusses the importance that this subject has for a country like the case of China and mentions examples that illustrate the ubiquity of aflatoxins in various commodities. The section Measurement and Analysis, describes the concept of measurement and analysis of aflatoxins from a historical perspective, the legal, and the state of the art in methodologies and techniques. Finally the section entitled Approaches for Prevention and Control of Aflatoxins on Crops and on Different Foods, describes actions to prevent and mitigate the genotoxic effect of one of the most conspicuous aflatoxins, AFB1. In turn, it points out interventions to reduce identified aflatoxin-induced illness at agricultural, dietary and strategies that can control aflatoxin. Besides the preventive management, several approaches have been employed, including physical, chemical biological treatments and solvent extraction to detoxify AF in contaminated feeds and feedstuffs.
⇒ Ausführliche Angaben: HT020307791

Torri, Giangiacomo / Fareed, Jawed: Looking Forward to the Future of Heparin: New Sources, Developments and Applications
eng. Inhaltliche Zusammenfassung: This book is a printed edition of the Special Issue Looking Forward to the Future of Heparin: New Sources, Developments and Applications that was published in Molecules.
⇒ Ausführliche Angaben: HT020307447

Tosun, Hasan: Dam Engineering
English. Inhaltliche Zusammenfassung: Dams and their auxiliary structures are built to provide water for human consumption, irrigating lands, generating hydroelectric power, and use in industrial processes. They are critical structures for continuing life and providing public safety. Construction of a dam is a complicated task that requires sophisticated modern technology and technical expertise. Scientists need to review and adjust their perspectives on designing embankments and their related structures, and compaction and consolidation of fill material, behavior of concrete materials, geotechnical and seismological studies of the dam site, total risk analysis, safety monitoring and instrumentation, heightening, hydrological studies, soil conservation, and watershed management. This book intends to provide the reader with a comprehensive overview of the latest information in dam engineering.
⇒ Ausführliche Angaben: HT020309256

Touzard, Jean-Marc / Temple, Ludovic / Goulet, Frédéric: Innovation and development in agricultural and food systems
English. Inhaltliche Zusammenfassung: Innovation is often presented as one of the main catalysts for more sustainable and inclusive development. In the agricultural and food sectors, innovation is characterized not only by specificities arising from its relationship to nature, but also from the wide diversity of its stakeholders, ranging from farmers to consumers, and including intermediaries such as the research community and advisory services. Innovation emerges from interactions between these actors, who mobilize resources and produce knowledge in collaborative mechanisms in order to generate changes. It encompasses domains as varied as production practices, market organization, and eating habits. Innovation is closely tied to major development challenges in its various forms: agroecological innovation, social innovation, territorial innovation, et cetera. This book casts a look at innovation in agricultural and food systems. It focuses in particular on supporting innovation, by examining methods and organizations, and on evaluating innovation using different yardsticks. The book is based on reflections and research originating from various scientific disciplines, on fieldwork carried out both in France and in many countries of the Global South, and finally on the experiences gained by accompanying and supporting innovative actors. It combines theoretical contributions on innovation with iconic case studies to illustrate its observations and discussions. This book is intended for teachers, professionals, students, and researchers.
Touzard, Jean-Marc / Temple, Ludovic / Goulet, Frédéric: Innovation et développement dans les systèmes agricoles et alimentaires
French. Inhaltliche Zusammenfassung: Innovation is often touted as one of the key levers for promoting a more sustainable development. The book looks at innovation in the agri-food sector in light of today's major challenges by examining the different dimensions of the change and focusing on the meaning ascribed to innovation by the stakeholders. An understanding of the methods and systems for supporting the stakeholders who innovate provides professionals, politics, and civil society with useful and novel courses of action.

Tramontana, Felicita: Chapter 8 Trading in spiritual and earthly good
English. Inhaltliche Zusammenfassung: The spread of Catholicism among the local Christian population in the Syro-Palestinian region has attracted the attention of many scholars. Previous research has described how missionaries’ work was facilitated by the patronage of local notables, by the establishment of personal ties with locals, and more generally by a wide range of daily interactions, such as providing medical assistance. In this framework, academic attention has mostly focused on the cities, consistent with the fact that missions were far more numerous in urban areas. An important exception is a pioneering work by Bernard Heyberger. This early study reconstructs how, departing from their houses in cities such as Sayda and Tripoli, Jesuits and Capuchins visited rural villages in Galilee and Lebanon. Inspired by the model of rural missions developed in Europe during the Catholic Reformation, their activities hinged on confession and preaching. In line with the regional framework, missionaries also carefully built ties with locals and offered their medical competencies, which greatly helped their cause. Although the importance of interactions with the locals in the spread of Catholicism in the Middle East has been widely acknowledged, many questions about the nature of these interactions still remain unanswered: How did the administrative and economic system that characterized rural and semi-rural spaces influence missionaries’ interactions with the surrounding areas? What was the relationship between missionaries’ entanglement with local society and their evangelizing activities? And, finally, to what extent did these interactions turn the missionaries into “localized” protagonists?.

Travascio, Francesco: The Role of Matrix Metalloproteinase in Human Body Pathologies
English. Inhaltliche Zusammenfassung: Matrix metalloproteinases (MMPs) are a family of proteolytic zinc-containing enzymes involved in physiological as well as in pathological processes in the human organism. MMPs play a key role in the remodeling of the extracellular matrix. Such a process may occur because of tissue homeostasis, morphogenesis, and tissue repair. However, remodeling could also be a part of many pathological states such as arthritis, cardiovascular diseases, neurodegenerative diseases, or impaired development in congenital anomalies. This book overviews the role of MMPs in different pathologies affecting the human body.

Travieso-Gonzalez, Carlos M.: Colorimetry and Image Processing
English. Inhaltliche Zusammenfassung: Nowadays, the technological advances allow developing many applications in different fields. In the book Colorimetry and Image Processing, two important fields are presented: colorimetry and image processing. Colorimetry is observed
by a visual interactive programming learning system, an approach based on color analysis of Habanero chili pepper, an approach based on scene image segmentation centered on mathematical morphology, other systems based on the simulations of the dichromatic color appearance, and, finally, an approach based on the color reconstruction in order to enhancement its using super-resolution methods. On the other hand, image processing is shown by pansharpening algorithms for hyperspectral images, an approach based on the analysis of the low-resolution satellite images and ground-based sky camera for estimating the cloud motion, a hybrid super-resolution framework that combines desirable features of TV and PM models, a study of the real-time video analysis used for anthropometric measurements on agricultural tools and machines, and finally, an approach based on the threshold optimization iterative algorithm using the ground truth data and assessing the accuracy of a range of threshold values through the corresponding Kappa coefficient of concordance.

⇒ Ausführliche Angaben: HT020308547

**Travieso-Gonzalez, Carlos M.: Motion Tracking and Gesture Recognition**
English. Inhaltliche Zusammenfassung: Nowadays, the technological advances allow developing many applications on different fields. In this book Motion Tracking and Gesture Recognition, two important fields are shown. Motion tracking is observed by a hand-tracking system for surgical training, an approach based on detection of dangerous situation by the prediction of moving objects, an approach based on human motion detection results and preliminary environmental information to build a long-term context model to describe and predict human activities, and a review about multispeaker tracking on different modalities. On the other hand, gesture recognition is shown by a gait recognition approach using Kinect sensor, a study of different methodologies for studying gesture recognition on depth images, and a review about human action recognition and the details about a particular technique based on a sensor of visible range and with depth information.

⇒ Ausführliche Angaben: HT020308354

**Trdan, Stanislav: Insecticides Resistance**
English. Inhaltliche Zusammenfassung: This book contains 20 chapters, which are divided into 5 sections. Section 1 covers different aspects of insecticide resistance of selected economically important plant insect pests, whereas section 2 includes chapters about the importance, development and insecticide resistance management in controlling malaria vectors. Section 3 is dedicated to some general questions in insecticide resistance, while the main topic of section 4 is biochemical approaches of insecticide resistance mechanisms. Section 5 covers ecologically acceptable approaches for overcoming insecticide resistance, such are the use of mycoinsecticides, and understanding the role of some plant chemical compounds, which are important in interactions between plants, their pests and biological control agents.

⇒ Ausführliche Angaben: HT020308006

**Trdan, Stanislav: Insecticides - Development of Safer and More Effective Technologies**
English. Inhaltliche Zusammenfassung: This book contains 20 chapters about the impact, environmental fate, modes of action, efficacy, and non-target effects of insecticides. The chapters are divided into 7 parts. Part 1 covers the non-target effects of insecticides, whereas part 2 is dedicated to integrated methods for pest control, in which insecticides are an important element for diminishing the populations of insect pests. Part 3 includes chapters about the non-chemical alternatives to insecticides, such as metabolic stress and plant extracts. Insecticides and human health are the main topic of part 4, and the interactions between insecticides and environment are discussed in part 5. Part 6 includes the chapters about insecticides against pests of urban areas, forests and farm animals, whereas biotechnology and other advances in pest control are discussed in part 7.

⇒ Ausführliche Angaben: HT020307946
French. Inhaltliche Zusammenfassung: The Cota, territorialised food-processing cooperation partnerships, are made up of groups of SME which apply pioneering collective strategies to improve their competitiveness by using the region as a decisive variable. The study of some fifteen cases suggests two analysis paths. The first covers the building up of these new forms of cooperation by highlighting organisational trajectories. The second puts forward thoughts on the role of the territory variable in the Cota dynamics through original territorialisation strategies. The Cota are not just an analysis tool for new forms of cooperation in the food-processing industry. They are also of interest politically, as they constitute an experimental laboratory for public action by putting forward outline recommendations for good support practices.

⇒ Ausführliche Angaben: HT020307528

English. Inhaltliche Zusammenfassung: Larval dispersal is arguably the most important but least understood demographic process in the sea. The likelihood of a larva dispersing from its birthplace to successfully recruit in another location is the culmination of many intrinsic and extrinsic factors that operate in early life. Empirically estimating the resulting population connectivity has been immensely difficult because of the challenges of studying and quantifying dispersal in the sea. Consequently, most estimates are based on predictions from biophysical models. Although there is a long history of dispersal modelling, there has been no comprehensive review of this literature. We conducted a systematic quantitative review to address the following questions: (1) Is there any bias in the distribution of research effort based on geographical or taxonomic coverage? (2) Are hydrodynamic models resolving ocean circulation at spatial scales (resolution and extent) relevant to the dispersal process under study? (3) Where, when and how many particles are being tracked, and is this effort sufficient to capture the spatiotemporal variability in dispersal? (4) How is biological and/or behavioural complexity incorporated into Lagrangian particle tracking models? (id est are key attributes of the dispersal process well captured?) Our review confirms strong taxonomic and geographic biases in published work to date. We found that computational effort (id est model resolution and particle number) has not kept pace with dramatic increases in computer processor speed. We also identified a number of shortcomings in the incorporation of biology, and behaviour specifically into models. Collectively, these findings highlight some important gaps and key areas for improvement of biophysical models that aspire to inform larval dispersal processes. In particular, we suggest the need for greater emphasis on validation of model assumptions, as well as testing of dispersal predictions with empirically derived data.

⇒ Ausführliche Angaben: HT020307538

Trocchi, Agnese: INTERNET, MON AMOUR. Cronache prima del crollo di ieri
Italian. Inhaltliche Zusammenfassung: Il futuro è stato ieri, quando eravamo inespressibili da computer e smartphone, nel bene e nel male. Anche quando avremmo preferito farne a meno, perché sapevamo che potevano rivelarsi i nostri peggiori nemici. Gli scandali sulla sorveglianza globale di Internet erano solo la punta di un iceberg, le manipolazioni di massa erano solo l’inizio: eravamo tutti vulnerabili! Curiosità fuori luogo, truffe, furti d’identità e di dati, pornovendette, odiatori… Questo libro parte sempre da situazioni reali, racconta e spiega quali erano i comportamenti a rischio, come si potevano evitare le trappole. Propone trucchi facili da mettere in atto. Attraverso storie di vita comune impariamo a prestare attenzione ai dettagli, all’inteso, a ciò che ”sta dietro” l’apparenza degli schermi. Per sotrarci alla nostra condizione di ingranaggi delle Megamacchine diventiamo curiose esploratrici, ampliamo il bagaglio del pensiero critico con storie del futuro che è stato ieri.

⇒ Ausführliche Angaben: HT020307559
Troeltsch, Ernst: Die Bedeutung des Protestantismus für die Entstehung der modernen Welt
German.
⇒ Ausführliche Angaben: HT020310045

Truffer, Bernhard / Schot, Johan / Kemp, Rene: Experimenting for Sustainable Transport
English. Inhaltliche Zusammenfassung: Technological change is a central feature of modern societies and a powerful source for social change. There is an urgent task to direct these new technologies towards sustainability, but society lacks perspectives, instruments and policies to accomplish this. There is no blueprint for a sustainable future, and it is necessary to experiment with alternative paths that seem promising. Various new transport technologies promise to bring sustainability benefits. But as this book shows, important lessons are often overlooked because the experiments are not designed to challenge the basic assumptions about established patterns of transport choices. Learning how to organise the process of innovation implementation is essential if the maximum impact is to be achieved - it is here that strategic niche management offers new perspectives. The book uses a series of eight recent experiments with electric vehicles, carsharing schemes, bicycle pools and fleet management to illustrate the means by which technological change must be closely linked to social change if successful implementation is to take place. The basic divide between proponents of technological fixes and those in favour of behavioural change needs to be bridged, perhaps indicating a third way.
⇒ Ausführliche Angaben: HT020310256

Trump, Tonu: Cognitive Radio
English. Inhaltliche Zusammenfassung: One of the most critical resources required for wireless communication is the radio spectrum. Traditionally, the administration of the spectrum rights tends to grant exclusive rights to some services in the major geographic regions. On the other hand, several studies have shown that the spectrum is actually underutilized and that new devices should use the underutilized spectrum in an opportunistic manner. Cognitive radio is a way to do that. The cognitive radio needs to collect cognition about the radio environment to operate efficiently. Such a radio needs to understand if the spectrum it intends to use is free or utilized by some primary user. By primary user we mean the licensed user of the band, and correspondingly the cognitive radios are often termed as secondary users. The goal of this book is to collect recent research about cognitive radio and provide an up-to-date review of the challenging topic.
⇒ Ausführliche Angaben: HT020308336

Truswell, Elizabeth: A Memory of Ice
English. Inhaltliche Zusammenfassung: In the southern summer of 1972/73, the Glomar Challenger was the first vessel of the international Deep Sea Drilling Project to venture into the seas surrounding Antarctica, confronting severe weather and ever-present icebergs. A Memory of Ice presents the science and the excitement of that voyage in a manner readable for non-scientists. Woven into the modern story is the history of early explorers, scientists and navigators who had gone before into the Southern Ocean. The departure of the Glomar Challenger from Fremantle took place 100 years after the HMS Challenger weighed anchor from Portsmouth, England, at the start of its four-year voyage, sampling and dredging the world's oceans. Sailing south, the Glomar Challenger crossed the path of James Cook's HMS Resolution, then on its circumnavigation of Antarctica in search of the Great South Land. Encounters with Lieutenant Charles Wilkes of the US Exploring Expedition and Douglas Mawson of the Australasian Antarctic Expedition followed. In the Ross Sea, the voyages of the HMS
Erebus and HMS Terror under James Clark Ross, with the young Joseph Hooker as botanist, were ever present. The story of the Glomar Challenger’s iconic voyage is largely told through the diaries of the author, then a young scientist experiencing science at sea for the first time. It weaves together the physical history of Antarctica with how we have come to our current knowledge of the polar continent. This is an attractive, lavishly illustrated and curiosity-satisfying read for the general public as well as for scholars of science.

⇒ Ausführliche Angaben: HT020307511

Tsai, Chen Hsuan Sherry / Huang, Kuan-Hsiang Gary: Asthma Diagnosis and Management - Approach Based on Phenotype and Endotype
English. Inhaltliche Zusammenfassung: Asthma is a severe and growing threat affecting both children and adults in both developing and developed world, currently affecting approximately 8% of US population. It is becoming increasingly recognized as a syndrome constituted by airway obstruction, airway hyperresponsiveness, and airway inflammation with different causes, associated risk factors, and underlying pathophysiology. The advances in basic and clinical research of asthma have accelerated over the past 20 years with increasing diagnostic tools, especially biomarkers, that led to specific characterization of individual patients asthma pathophysiology, or disease phenotype and endotype, which allowed precision medicine therapies, including new asthma biologics. This book aims to update the paradigm shifts in precision medicine of asthma diagnosis and management, driven by underlying phenotypes or endotypes.

⇒ Ausführliche Angaben: HT020308807

Tsandev, Evelyn / Cortessis, Sandrine / Weber Guisan, Saskia: Le bénévolat des jeunes
French. Inhaltliche Zusammenfassung: What makes young people want to learn, commit and become involved in an activity? This issue is of particular interest to teachers, but also to employers. In order to provide some answers, the authors of this book are interested in a specific population: young people aged 16 to 25 who have freely chosen to get involved in associations as varied as sport, politics, the environment, humanitarian work or events. Based on interviews, this study traces the volunteer careers of some forty young women and men from all social categories. They proudly recall the responsibilities that were entrusted to them very early on in a structured, flexible and benevolent associative world. Their testimonies help to highlight the many learning and skills that the volunteer experience has enabled them to develop.

⇒ Ausführliche Angaben: HT020307628

Tsin, Andrew T.C. / Grigsby, Jeffery G.: Early Events in Diabetic Retinopathy and Intervention Strategies
English. Inhaltliche Zusammenfassung: The development of diabetic retinopathy is a long slow process affected by hyperglycemia, hypertension, lipid levels and genetics. It is expected that in 20 years duration nearly all those with diabetes will exhibit diabetic retinopathy. In some patients, it will progress to blindness. While the number of individuals with diabetes increases, our current treatments are only effective at advanced levels of disease. Further, our screening methods to detect those needing treatment are currently not optimal. Early Events in Diabetic Retinopathy and Intervention Strategies covers topics addressing imaging processes currently available in the development of diabetic retinopathy screening. Potential biomarkers, that may be used to identify those at risk and illuminate the new pathways which lead to diabetic retinopathy, are expounded.

⇒ Ausführliche Angaben: HT020308654

Tsipis, Angelos: Current Perspectives on Cardiomyopathies
English. Inhaltliche Zusammenfassung: Advances in the understanding of cardiomyopathies
and the growth of cardiology have paralleled one another. Over the years, many classification methods have been developed for cardiomyopathies based on aetiology, structural models and the functional approach. The new concepts and events that have occurred in cardiology generally and in cardiomyopathies specifically are sufficient changes to justify this book. Developments in cardiomyopathies have advanced at a rapid rate, largely because of the progress that has been made in instrumental analysis and the integration of clinical cardiology with other fields of basic research. The material in this book encompasses and blends the knowledge recently acquired in genetics, pathology and physiology with the practical matters of diagnosis and treatment.

Tsoufas, Georgios: Liver Cirrhosis - Debates and Current Challenges

Tsoufas, Georgios: Liver Cirrhosis - Update and Current Challenges

Tsoufas, Georgios: Medical and Surgical Education - Past, Present and Future

Tsoufas, Georgios: Organ Donation and Transplantation - Current Status and Future Challenges
most challenging fields of medicine and surgery has been that of organ donation and transplantation. It is a field that has made tremendous strides during the last few decades through the combined input and efforts of scientists from various specialties. What started as a dream of pioneers has become a reality for the thousands of our patients whose lives can now be saved and improved. However, at the same time, the challenges remain significant and so do the expectations. This book will be a collection of chapters describing these same challenges involved including the ethical, legal, and medical issues in organ donation and the technical and immunological problems the experts are facing involved in the care of these patients. The authors of this book represent a team of true global experts on the topic. In addition to the knowledge shared, the authors provide their personal clinical experience on a variety of different aspects of organ donation and transplantation.

⇒ Ausführliche Angaben: HT020308865

Tsoufas, Georgios: Surgical Challenges in the Management of Liver Disease  
English. Inhaltliche Zusammenfassung: Hepatic surgery represents one of the most challenging fields of surgical practice because it combines the need for surgical excellence with that for deep knowledge and understanding of liver physiology. The various hepatic diseases, whether they are benign or malignant, require surgical expertise in their management, especially given the complex anatomy and physiology of the liver, as well as its critical role in a variety of different biologic functions. This book is a collection of chapters offering the reader distilled knowledge of various worldwide experts in hepatic surgery and hepatic physiology. The surgical management, including complex and demanding surgical procedures, of malignancies such as hepatocellular carcinoma, cholangiocarcinoma, and metastatic disease will be addressed in an effort to present the various therapeutic choices in the surgical armamentarium. Emphasis is given to the molecular aspect of the different mechanisms involved, which offers a glimpse into the future, given the ever-increasing need for precision medicine and surgery, leading to a patient-targeted approach.

⇒ Ausführliche Angaben: HT020309394

Tsvetkov, Pavel: Energy Systems and Environment  
English. Inhaltliche Zusammenfassung: This book looks at environmental aspects of energy technologies, from common traditional sources in use, new sources, and emerging sources and technologies. The objective of this book is to serve as a one-stop comprehensive information resource on energy and environment topics, from energy science to energy engineering to energy politics. Starting with science and technology topics we link them to economics and politics showcasing interconnections between energy sources, energy utilization, energy conversion, and sustainability under the common theme of energy and environment. The book achieves its objective by offering and integrating deeply technical and socioeconomics papers together on energy and environment topics.

⇒ Ausführliche Angaben: HT020308968

Tuan, Le Anh: Adaptive Robust Control Systems  
English. Inhaltliche Zusammenfassung: This book focuses on the applications of robust and adaptive control approaches to practical systems. The proposed control systems hold two important features: (1) The system is robust with the variation in plant parameters and disturbances (2) The system adapts to parametric uncertainties even in the unknown plant structure by self-training and self-estimating the unknown factors. The various kinds of robust adaptive controls represented in this book are composed of sliding mode control, model-reference adaptive control, gain-scheduling, H-infinity, model-predictive control, fuzzy logic, neural networks, machine learning, and so on. The control objects are very abundant, from cranes, aircrafts, and wind turbines to automobile, medical and sport machines, combustion engines, and electrical machines.
Tuan, Le Anh: Applied Modern Control
English. Inhaltliche Zusammenfassung: This book describes recent studies on modern control systems using various control techniques. The control systems cover large complex systems such as train operation systems to micro systems in nanotechnology. Various control trends and techniques are discussed from practically modern approaches such as Internet of Things, artificial neural networks, machine learning to theoretical approaches such as zero-placement, bang-bang, optimal control, predictive control, and fuzzy approach.

Tuck, Michael / Pillay, Manikam: Occupational Health and Safety - A Multi-Regional Perspective
English. Inhaltliche Zusammenfassung: Occupational health and safety (OHS) is an important focus of governments and organizations throughout the world because there are over 2.78 million fatal and 374 million nonfatal work-related injuries and illnesses experienced by employees every year. Addressing these requires paying attention to the physical organizational, cultural, and social contexts amidst which work is undertaken. A multidisciplinary approach is also necessary in finding effective solutions. Interestingly, countries and regions address different aspects of OHS depending on what OHS hazards and risks are important to them. This book, based on research from Australia, Belgium, Ghana, Malaysia, Turkey, and Slovakia, examines how a range of OHS hazards are addressed in these contexts. We believe that this is an important first step in addressing an age-old OHS problem through a multiregional collaboration.

Tudella, Eduardo: A luz na génese do espetáculo
Portuguese. Inhaltliche Zusammenfassung: O livro trata de aspectos específicos das relações entre a luz e a cena, acentuando a necessidade de sua discussão no Brasil. Na obra, o autor faz a ponte entre os estudos teóricos e a reprodução da história do espetáculo, estudando não só a iluminação teatral, como outros elementos que fazem parte do discurso visual de uma práxis cênica. Com um extenso trabalho historiográfico, Tudella transita pela história da arte, da civilização e dos gregos até a atualidade, compreendendo o espetáculo como obra composta, cuja efetivação congega o trabalho de diversos artistas.

Tudorache, Stefania: Congenital Anomalies - From the Embryo to the Neonate
English. Inhaltliche Zusammenfassung: Nowadays, nobody can imagine practicing obstetrics without using obstetrical ultrasound. Working in the prenatal diagnosis field requires dedication, patience, skills, experience, caution, and empathy. The concept of this book was guided by the desire to provide some help to the ultrasound operators. On a daily basis, they are confronted with the challenging task of ruling out or suspecting/confirming the diagnosis of fetal anomalies, either structural or chromosomal. The chapters of this book contain objective and exhaustive updated reviews of the pertinent literature, so that the reader would have a wide reference basis on each subject. Yet, many authors scan the fetus themselves or are directly involved with managing pregnancies with structural malformations or chromosomal anomalies. They kindly shared their personal experience and lessons learned over the years. This book is beneficial for all the professionals working in the prenatal diagnosis.

Tuljak-Suban, Danijela: Game Theory - Applications in Logistics and Economy
This book provides a wide range of examples of the uses of game theory, even in situations where such application may seem unsuitable. This book explores cooperative, competitive, leader-follower games and the free-rider problem - as well as games with the aim of maintaining friendships or team work. The reader will be presented with a wide range of practical applications of game theory.

⇒ Ausführliche Angaben: HT020309016

Tumminelli, Giuseppina / Ceresa, Alessia / Di Nicola, Andrea: La destinazione dei beni confiscati alle mafie nellUnione Europea
Italian. Inhaltliche Zusammenfassung: The volume compares the legislation and the application practice regarding administration and destination in the EU. Then the main experiences of social reuse and reuse regimes are presented, with a focus on the Italian (direct social reuse) and French (indirect social reuse) cases.
⇒ Ausführliche Angaben: HT020307519

Tumuluru, Jaya Shankar: Biomass Volume Estimation and Valorization for Energy
English. Inhaltliche Zusammenfassung: This book provides information on biomass volume calculation methods and biomass valorization for energy production. The chapters presented in this book include original research and review articles. I hope the research presented in this book will help to advance the use of biomass for bioenergy production and valorization. The key features of the book are: Providing information on biomass volume estimation using direct, nondestructive and remote sensing methods Biomass valorization for energy using thermochemical (gasification and pyrolysis) and biochemical (fermentation) conversion processes.
⇒ Ausführliche Angaben: HT020309635

Tunali, Nagehan Ersoy: Huntingtons Disease - Core Concepts and Current Advances
English. Inhaltliche Zusammenfassung: Huntingtons Disease is one of the well-studied neurodegenerative conditions, a quite devastating and currently incurable one. It is a brain disorder that causes certain types of neurons to become damaged, causing various parts of the brain to deteriorate and lose their function. This results in uncontrolled movements, loss of intellectual capabilities and behavioural disturbances. Since the identification of the causative mutation, there have been many significant developments in understanding the cellular and molecular perturbations. This book, Huntingtons Disease - Core Concepts and Current Advances, was prepared to serve as a source of up-to-date information on a wide range of issues involved in Huntingtons Disease. It will help the clinicians, health care providers, researchers, graduate students and life science readers to increase their understanding of the clinical correlates, genetic aspects, neuropathological findings, cellular and molecular events and potential therapeutic interventions involved in HD. The book not only serves reviewed fundamental information on the disease but also presents original research in several disciplines, which collectively provide comprehensive description of the key issues in the area.
⇒ Ausführliche Angaben: HT020307843

Tunali, Nagehan Ersoy: Huntingtons Disease - Molecular Pathogenesis and Current Models
English. Inhaltliche Zusammenfassung: Huntingtons disease is a progressive neurodegenerative disorder of the brain. It is one of the quite devastating and currently incurable human
conditions. Degeneration of specific types of neurons in the brain results in a triad of clinical features: serious behavioral disturbances, uncontrolled movements of body parts, and deterioration of intellectual capabilities. The underlying complex mechanisms and molecular players of the cellular cascades still need to be deciphered in detail despite considerable advances. Once solved, the related molecular mechanisms will not only enlighten the HD story but will also shed light on other polyglutamine diseases and similar brain disorders. This book, Huntingtons Disease-Molecular Pathogenesis and Current Models, is planned to cover recent scientific achievements in understanding the cellular mechanisms of HD. The chapters provide comprehensive description of the key issues in HD research. In this regard, this book will serve as a source for clinicians and researchers in the field and also for life science readers in increasing their understanding and awareness of the clinical correlates, genetic aspects, neuropathological findings, and potential therapeutic interventions related to HD.

⇒ Ausführliche Angaben: HT020308193

Turan, Metin / Topcuoglu, Bülent: Peat
English. Inhaltliche Zusammenfassung: Peatlands are formed in limited areas and have significant effects on our planet. As a result of their use peatlands are continually shrinking on a daily basis. This edited book, Peat, is intended to provide an overview of different perspectives of peat material in relevant disciplines. We hope that this book will contribute to the expectations and needs of all relevant disciplines that share their findings for future research.

⇒ Ausführliche Angaben: HT020308990

Turcanu-Carutiu, Daniela / Ion, Rodica-Mariana: Advanced Methods and New Materials for Cultural Heritage Preservation
English. Inhaltliche Zusammenfassung: The integration of science with art is a complex process of analysis and the knowledge and understanding of the need to save and protect works of art as well as preserve and restore cultural heritage. This is generally provoked by the living necessity, profoundly human, to leave our inheritance to new generations, as intact as is possible, the testimonies of the past. The issues approached interfere with artistic criticism, for example, biological and physico-chemical analyses, and intelligent mathematical modeling systems such as Marker-less Augmented Reality, 3D Reconstruction, intelligent combinations of digital image analysis functions to recognize and estimate the possible evolution of color and shape to help experts make the best decisions about authenticating and preserving-restoring art objects. Advanced technical devices such as digital databases and other tools and materials can allow for the eradication of offenses such as false art and falsification.

⇒ Ausführliche Angaben: HT020309372

Turker, Hande: Current Perspectives on Less-known Aspects of Headache
English. Inhaltliche Zusammenfassung: Headache, as a main neurological problem in everyday life, still takes place as a contributor on top of the list of many partially solved neurological conditions. Not only primary headaches but secondary headaches are still clinical concerns of diagnosis, differential diagnosis, and therapy. This book is quite different from classical headache books. First of all, it does not contain the classical schema of a classical headache textbook. Most of the chapters composing this book contain many answers for many unanswered questions about headache in general, for example, Is headache a genetic condition?, What do smartphones do to our brains? Do they cause headaches?, and Does botulinum toxin really improve chronic migraine?. We hope this book will be an interesting read and perhaps a guide in some new aspects of headache and help understand some interesting headache issues while stressing some of the less known mentioned above.

⇒ Ausführliche Angaben: HT020308223

Turkovic, Hrvoje / Suljic, Daniel / Lang, Holger: Global Animation Theory
Global Animation Theory offers detailed and diverse insights into the methodologies of contemporary animation studies, as well as the topics relevant for today's study of animation. The contact between practical and theoretical approaches to animation at Animafest Scanner, is closely connected to host of this event, the World Festival of Animated Film Animafest Zagreb. It has given way to academic writing that is very open to practical aspects of animation, with several contributors being established not only as animation scholars, but also as artists. This anthology presents, alongside an introduction by the editors and a preface by well known animation scholar Giannalberto Bendazzi, 15 selected essays from the first three Animafest Scanner editions. They explore various significant aspects of animation studies, some of them still unknown to the English speaking communities.

Turkyilmaz, Ilser: Implant Dentistry - A Rapidly Evolving Practice

Implant dentistry has come a long way since Dr. Branemark introduced the osseointegration concept with endosseous implants. The use of dental implants has increased exponentially in the last three decades. As implant treatment became more predictable, the benefits of therapy became evident. The demand for dental implants has fueled a rapid expansion of the market. Presently, general dentists and a variety of specialists offer implants as a solution to partial and complete edentulism. Implant dentistry continues to evolve and expand with the development of new surgical and prosthodontic techniques. The aim of Implant Dentistry - A Rapidly Evolving Practice, is to provide a contemporary clinic resource for dentists who want to replace missing teeth with dental implants. It is a text that relates one chapter to every other chapter and integrates common threads among science, clinical experience and future concepts. This book consists of 23 chapters divided into five sections. We believe that, Implant Dentistry: A Rapidly Evolving Practice, will be a valuable source for dental students, post-graduate residents, general dentists and specialists who want to know more about dental implants.

Turnbull, Jean / Pooley, Colin: Migration And Mobility In Britain Since The Eighteenth Century

Population migration is one of the demographic and social processes which have structured the British economy and society over the last 250 years. It affects individuals, families, communities, places, economic and social structures and governments. This book examines the pattern and process of migration in Britain over the last three centuries. Using late 1990s research and data, the authors have shed light on migrations patterns including internal migration and movement overseas, its impact on social and economic change, and highlights differences by gender, age, family, position, socio-economic status and other variables.

Turner, Michael: Les semences

A complete guide on seed production and distribution in tropical regions: technical aspects and organisation of seed production, basic principles for plant improvement and seed biology, management of operations relating to seed production, harvesting and post-harvest conditioning. It also deals with rules for placing on the market of seed and the management of seed breeding companies.

Turner, Sam / Eckersley, Susannah / Zito, Anthony R.: Chapter 3 The instruments of European heritage
This chapter differs from others in this monograph in its focus on two political organisations, the EU and the COE, and their top-down efforts to engage with issues of heritage and identity. These organisations represent the two most visible post-1945 political efforts to transform Europe as a region, by promoting further integration; both are driven by a fluid collective memory of the impact made by world wars, genocide, economic deprivation and other forms of societal disruption. By their very nature, both organisations have sought to engage with the construction and reconstruction of history and identity, both to pursue a vision of a common Europe and to build a sense of purpose and value in their organisational efforts to build integration (and therefore justify their existence). They have selected particular policy instruments, which Hood (1983) defines as the tools by which actors implement their governance strategies. The core research question is: how do these two institutions seek to intervene and make people engage with memories, histories and identities by creating cultural heritage institutions and instruments?

Turner-Beach, Georgia / Ridley-Duff, Beth / Rhodes, Charlotte: Trouble
English. Inhaltliche Zusammenfassung: The latest Grist Anthology is an innovative blend of some of the most exciting and freshest voices in prose today. Protest is the distillation of a simple human experience - to witness a wrong being done, and to do something about it. The stories featured in Trouble celebrate protest, rebellion, disobedience and general bloody-mindedness in all of its forms. The best writing about protest should inspire, educate, motivate, compel and of course, entertain. And that’s what this collection is all about. There are historical protest stories here - The Flag, Happy Harpies - stories set in the future - Money Bank, Last of Them - stories of personal protest against sexual and racial discrimination - Meet Me, The Walk of Blood - and the closing story, The Calling, which embodies the simple truth that sometimes all you can do in protest is to make a lot of noise.

Tutar, Lutfi / Tutar, Yusuf: Plasma Medicine - Concepts and Clinical Applications
English. Inhaltliche Zusammenfassung: Plasma can be defined as the extracellular matrix of blood cells. Plasma components, their role in human health risk evaluation, and their functional and clinical analyses are covered in this book. Furthermore, physical plasma-ionized gas is one of the four fundamental states of matter. This homonym has begun to emerge because it can interact with living systems. The physical plasma biomedical applications are reviewed in drug delivery and wound healing medical applications. This approach revolutionizes the therapeutic approaches in medicine and may open up new concepts and clinical applications. The book is an essential source for researchers in the field and provides a platform for different professions.

Tutar, Yusuf: Current Understanding of Apoptosis - Programmed Cell Death
English. Inhaltliche Zusammenfassung: Apoptosis is an essential biochemical process in cell turnover, development, and chemical-induced cell death. Current knowledge and ongoing research of apoptosis highlight our understanding in designing the therapeutic approaches for several diseases. This book covers four main sections: Apoptosis and Necrosis, Apoptosis Inducers, Proteasome and Signaling Pathways in Apoptosis, and Radiation-Based Apoptosis. The first section implicitly describes the differences between apoptosis and necrosis processes. The following section elaborates the small molecule-induced apoptosis. Then, the third section deals with proteasome and signaling pathways and finally, resistance to chemotherapy and electromagnetic radiation is covered in the last section. Overall, the book deals with pathways for manipulating apoptosis and provides a unique perspective to the scientists.
Tutar, Yusuf: Prion - An Overview
English. Inhaltliche Zusammenfassung: Protein aggregation causes malfunction in several biochemical processes. Genetic and spontaneous formations of these transmissible spongiform encephalopathies are fatal to humans and animals. Conformational change of normal form of the protein to misfolded form causes its accumulation. The misfolded infectious protein agent forms the pathogenesis of the disease. This book presents pathology of the disease along with current knowledge of the structure-activity mechanism in the first two sections. Dyshomoeostasis of metals is implicated in the pathogenesis of prions, and this influence is discussed further to understand the prion mechanism. Genetic resistance and immunobiology of the disease are elaborated in the following section. Finally, a computational study on the dynamics of the prion propagation provides a structural basis of the mechanism.

Tutu, Hlanganani: Water Quality
English. Inhaltliche Zusammenfassung: As concerns increase over the scarcity of water resources and the role of anthropogenic activities, water quality is evermore important. Activities ranging from agriculture to mining have had a bearing on the quality of water that they impact. Several studies assessing such impacts have been conducted at local and global scales over the years. This book, consisting of contributions by authors in various water-related fields, delves into some approaches that are used to understand and/or to improve water quality, and these include assessment of water chemistry, biomonitoring, modelling and water treatment. This book will be useful to environmental scientists, water professionals, researchers, academics and students.

Uberti-Bona, Marcella: GEOGRAFÍAS DEL DIÁLOGO
spanish. Inhaltliche Zusammenfassung: Carmen Martín Gaite, además de novelista, poeta y ensayista, fue una esmerada traductora de textos literarios. Traducir significó para ella situarse en el punto ideal de encuentro entre lectura y escritura, con ánimo de ‘contar’ lo que había leído. Este volumen ofrece el primer estudio sistemático sobre la labor traductora de Carmen Martín Gaite, ya sea como tarea práctica ya sea como elaboración de una teoría implícita de la traducción, en la que destacan el planteamiento irreductiblemente literario de la escritora y su identificación con el lector. Así mismo, la presentación cronológica del corpus completo de sus traducciones permite trazar la trayectoria de una biografía intelectual en la que todo lo leído activa un potencial creativo y de reflexión que desencadena una compleja intertextualidad, ofreciendo una perspectiva eficaz para arrojar luz sobre su obra ‘global’.

Uchiumi, Fumiaki: Gene Expression and Control
English. Inhaltliche Zusammenfassung: Transcription is the most fundamental nuclear event, by which the information of nucleotide sequences on DNA is transcribed into RNA by multiple proteins, including RNA polymerases. Transcription determines the functions of proteins and the behaviour of cells, appropriately responding to environmental changes. This book is intended for scientists, especially those who are interested in the future prospect of gene expression and control in medicine and industry. This book consists of 9 chapters, divided into four parts. Each chapter is written by experts both in the basic and applied scientific field. A collection of articles presented by active and laboratory-based investigators provides evidence from the research, giving us a rigid platform to discuss Gene Expression and Control.

Uchiumi, Fumiaki: Gene Expression and Regulation in Mammalian Cells - Transcription From General Aspects
English. Inhaltsliche Zusammenfassung: Central dogma was presented by Dr. Francis Crick 60 years ago. The information of nucleotide sequences on DNAs is transcribed into RNAs by RNA polymerases. We learned the mechanisms of how transcription determines function of proteins and behaviour of cells and even how it brings appearances of organisms. This book is intended for scientists and medical researchers especially who are interested in the relationships between transcription and human diseases. This volume consists of an introductory chapter and 14 chapters, divided into 4 parts. Each chapter is written by experts in the basic scientific field. A collection of articles presented by active and laboratory-based investigators provides recent advances and progresses in the field of transcriptional regulation in mammalian cells.
⇒ Ausführliche Angaben: HT020308589

Uchiumi, Fumiaki: Gene Expression and Regulation in Mammalian Cells - Transcription Toward the Establishment of Novel Therapeutics
English. Inhaltsliche Zusammenfassung: Sixty years after the central dogma, great achievements have been developed in molecular biology. We have also learned the important functions of noncoding RNAs and epigenetic regulations. More importantly, whole genome sequencing and transcriptome analyses enabled us to diagnose specific diseases. This book is not only intended for students and researchers working in laboratory but also physicians and pharmacists. This volume consists of 14 chapters, divided into 4 parts. Each chapter is written by experts investigating biological stresses, epigenetic regulation, and functions of transcription factors in human diseases. All articles presented in this volume by excellent investigators provide new insights into the studies in transcriptional control in mammalian cells and will inspire us to develop or establish novel therapeutics against human diseases.
⇒ Ausführliche Angaben: HT020308599

Uddin, Jamal: Terahertz Spectroscopy - A Cutting Edge Technology
English. Inhaltsliche Zusammenfassung: The terahertz regime of the electromagnetic spectrum was largely unexplored due to the lack of technology needed to generate and detect the radiation. However, in the last couple of decades, there has been a dramatic increase in tools needed to harness the radiation. This remarkable progress made in the development of terahertz sources, components, and detectors has resulted in an ever-increasing inquisitiveness of the applications of terahertz technology in a wide range of fields including medicine, pharmaceuticals, security, sensing, and quality assurance. This book, Terahertz Spectroscopy - A Cutting Edge Technology, presents an overview of the recent advances in terahertz technology and their application in a vast array of fields. The scientists and students are encouraged to read and share the content of this volume. The book also provides a good starting point for researchers who are new to the terahertz regime. The various chapters of the book have been written by renowned scientists in different parts of the world who are at the forefront of terahertz research fields. It is our (InTech publisher, editor, and authors) hope that this book will enhance knowledge and stimulate more interest and future research in terahertz technology.
⇒ Ausführliche Angaben: HT020308186

Udoeyo, Felix: Structural Analysis
English. Inhaltsliche Zusammenfassung: Structural Analysis by Felix Udeyo is intended to teach students the methods and techniques for the analysis of structures. A sound knowledge of structures is a prerequisite for their proper design and ensures the structural integrity of civil engineering infrastructural systems. This textbook is comprised of three parts. The first part consists of an overview of structural analysis and introduces several structural
loadings that may be considered during the analysis and subsequent design of structures. The second part covers classic methods of the analysis of determinate structures. The final section discusses classic methods for the analysis of indeterminate structures as well as methods for the analysis and construction of influence lines for indeterminate structures. This textbook is designed for upper-level undergraduates studying civil engineering, construction engineering and management, and architecture. It is also useful for construction professionals seeking licensure in their field of practice.

⇒ Ausführliche Angaben: HT020310322

Udroiu, Razvan: Computer-aided Technologies - Applications in Engineering and Medicine
English. Inhaltsliche Zusammenfassung: The aim of this book is to present the latest applications, trends, and developments of computer-aided technologies (CAx). Computer-aided technologies are the core of product lifecycle management (PLM) and human lifecycle management (HUM). This book has seven chapters, organized in two sections: Computer-Aided Technologies in Engineering and Computer-Aided Technologies in Medicine. The first section treats the different aspects of PLM, including design, simulations and analysis, manufacturing, production planning, and quality assurance. In the second part of the book are presented CAx applications in medicine focused on clinical decision, diagnosis, and biosensor design. CAx plays a key role in a variety of engineering and medical applications, bringing a lot of benefits in product life cycle, extending and improving human life.

⇒ Ausführliche Angaben: HT020308102

Ueda, Minoru: Applied Tissue Engineering
English. Inhaltsliche Zusammenfassung: Tissue engineering, which aims at regeneration of new tissues, as well as substituting lost organs by making use of autogenic or allogenic cells in combination with biomaterials, is an emerging biomedical engineering field. There are several driving forces that presently make tissue engineering very challenging and important: 1) the limitations in biological functions of current artificial tissues and organs made from man-made materials alone, 2) the shortage of donor tissue and organs for organs transplantation, 3) recent remarkable advances in regeneration mechanisms made by molecular biologists, as well as 4) achievements in modern biotechnology for large-scale tissue culture and growth factor production. This book was edited by collecting all the achievement performed in the laboratory of oral and maxillofacial surgery and it brings together the specific experiences of the scientific community in these experiences of our scientific community in this field as well as the clinical experiences of the most renowned experts in the fields from all over Nagoya University. The editors are especially proud of bringing together the leading biologists and material scientists together with dentist, plastic surgeons, cardiovascular surgery and doctors of all specialties from all department of the medical school of Nagoya University. Taken together, this unique collection of world-wide expert achievement and experiences represents the current spectrum of possibilities in tissue engineered substitution.

⇒ Ausführliche Angaben: HT020309554

English. Inhaltsliche Zusammenfassung: This book is an edited collection of all the achievements of the main members of the Dental Division of the Japanese Society for Regenerative Medicine, which derives from the Japanese Forum for Regenerative Dentistry established in 2003. Scientific meetings held by these organizations gleaned specific experiences of the academic community as well as clinical experiences of the most renowned experts in the field of dentistry. The editors are especially proud of bringing together leading biologists and dentists of all specialties. This unique collection of reports on the achievements and experiences of experts from all over the world represents the current spectrum of possibilities in tissue
engineering of substitutes not only in dentistry but also in medicine. This book has been produced and distributed with the support from The Japanese Society for Regenerative Medicine.

⇒ Ausführliche Angaben: HT020309604

Ünal, Muhammet / Demetgul, Mustafa: Fault Diagnosis and Detection
English. Inhaltliche Zusammenfassung: Mass production companies have become obliged to reduce their production costs and sell more products with lower profit margins in order to survive in competitive market conditions. The complexity and automation level of machinery are continuously growing. This development calls for some of the most critical issues that are reliability and dependability of automatic systems. In the future, machines will be monitored remotely, and computer-aided techniques will be employed to detect faults in the future, and also there will be unmanned factories where machines and systems communicate to each other, detect their own faults, and can remotely intercept their faults. The pioneer studies of such systems are fault diagnosis studies. Thus, we hope that this book will contribute to the literature in this regard.

⇒ Ausführliche Angaben: HT020308278

Üngör, Ügür Ümit: Genocide
English. Inhaltliche Zusammenfassung: The twentieth century has been called, not inaccurately, a century of genocide. And the beginning of the twenty-first century has seen little change, with genocidal violence in Darfur, Congo, Sri Lanka, and Syria. Why is genocide so widespread, and so difficult to stop, across societies that differ so much culturally, technologically, and politically? That's the question that this collection addresses, gathering a stellar roster of contributors to offer a range of perspectives from different disciplines to attempt to understand the pervasiveness of genocidal violence. Challenging outdated beliefs and conventions that continue to influence our understanding, Genocide constitutes a major contribution to the scholarship on mass violence.

⇒ Ausführliche Angaben: HT020309822

Ulewicz, Robert: Quality Production Improvement - QPI
English.

⇒ Ausführliche Angaben: HT020309973

Ullrich, Bruno / Bhowmick, Mithun: Interferometry - Recent Developments and Contemporary Applications
English. Inhaltliche Zusammenfassung: The authors provide an overview of recent developments in the field of interferometry. To achieve this aim, a broad range of topics is presented by experts who have summarized recent results drawn from theory and experiments. The simplicity and versatility of interferometry technique can be easily seen in the broad range of problems discussed in the text. This important book project presents recent, unique updates on interferometry.

⇒ Ausführliche Angaben: HT020309462

Ullrich, Vincent: Möglichkeiten und Potentiale von sportlichen Angeboten zur Prävention von salafistischer Radikalisierung aus der Sicht von Experten und Expertinnen

⇒ Ein Buch

- Freihand: BA 3367
Ulutasdemir, Nilgun: Nursing
English. Inhaltliche Zusammenfassung: This book covers topics from nursing history and philosophy, communication and ethics in nursing, nursing and culture. Thus, it can be used as a guide by student nurses and working nurses to recognize the nursing profession and to keep up with current developments. In this book, you will find all aspects of nursing profession.

Umbach, Tobias: Wiedererkennung taktischer Muster im Sportspiel Handball

Urban, Marko: Die Qualitätssicherung in der häuslichen Pflege in Deutschland und Österreich

Urbatzka, Ralph / Vasconcelos, Vítor: Marine Natural Products and Obesity
2019. 1 electronic resource (194 pages). ISBN 9783039211913, ISBN 9783039211920 eng. Inhaltliche Zusammenfassung: Obesity and related co-morbidities are increasing worldwide and pose a serious health problem. Changes in lifestyle and diet would be the best remedies to fight obesity; however, many people will still rely on medical aid. Marine organisms have been prolific in the production of bioactive compounds for many diseases, e.g., cancer, and promise to be an excellent source for natural-derived molecules and novel nutraceuticals. Bioactive compounds with beneficial activities towards obesity have been described from diverse marine organism including marine algae, bacteria, sponges, fungi, crustaceans or fish. This Special Issue will highlight the progress in the following topics: Bioactive compounds for the treatment of obesity and obesity-related co-morbidities (diabetes, fatty liver, hyperlipidemia) from marine organisms; the isolation of novel compounds, the bioactivity screening of marine organisms and the elucidation of molecular mode of action of marine bioactive compounds.

Usher, Nikki: Making News at The New York Times
Usherwood, Simon / Treille, Éric / Saurugger, Sabine: La Constitution européenne
⇒ Ausführliche Angaben: HT020309775

Ustohal, Libor: Transcranial Magnetic Stimulation in Neuropsychiatry
English. Inhaltliche Zusammenfassung: This book describes several aspects of transcranial magnetic stimulation (TMS) in neuropsychiatry: inhibitory and excitatory mechanisms of the human brain, the use of TMS in the research and treatment of cognitive disorders, various aspects of TMS application aimed at the cerebellum, its effects on impulsivity in attention deficit hyperactivity disorder and borderline personality disorder, its effects in the treatment of tinnitus and obsessive-compulsive disorder, pain and chronic headache, and finally the safety of TMS for staff. Hopefully this book will help to expand the knowledge of TMS..
⇒ Ausführliche Angaben: HT020308964

Uzuner, Fatma Deniz / Aslan, Belma Isik: Current Approaches in Orthodontics
English. Inhaltliche Zusammenfassung: This book provides information on the current technological developments and new concepts in orthodontic treatment procedures. The main concepts of the book are scope innovations in accelerated tooth movement, new developments such as corticotomy, microperforations (MOP), piezoscion, photobiostimulation, laser in orthodontics, chemical agents, as well as complications and risks. The book contains interdisciplinary managements involving surgery first, cleft lip and palate therapy, orthognathic surgery, and obstructive sleep apnea. This internationally-recognized specialty is continuing to experience advancements in technology, instrumentation, and treatment methods.
⇒ Ausführliche Angaben: HT020309327

Uzunlu, Sinan / Var, Isil: Active Antimicrobial Food Packaging
English. Inhaltliche Zusammenfassung: Active antimicrobial food packaging is a new generation of packaging. Antimicrobial food additives are incorporated in the food packaging systems to inhibit, retard, or inactivate microbial growth to extend the shelf life of foods. This book is composed of five chapters, and is aimed at introducing the reader to active antimicrobial food packaging, as well as concerns of the consumers on synthetic-based food additives.
⇒ Ausführliche Angaben: HT020309209

Uzunov, Dimo I.: Recent Studies in Perturbation Theory
English. Inhaltliche Zusammenfassung: The book contains seven chapters written by noted experts and young researchers who present their recent studies of both pure mathematical problems of perturbation theories and application of perturbation methods to the study of the important topic in physics, for example, renormalization group theory and applications to basic models in theoretical physics (Y. Takashi), the quantum gravity and its detection and measurement (F. Bulnes), atom-photon interactions (E. G. Thrapsaniotis), treatment of spectra and radiation characteristics by relativistic perturbation theory (A. V. Glushkov et al), and Greens function theory and some applications (Jing Huang). The pure mathematical issues are related to the problem of generalization of the boundary layer function method for
bisingularly perturbed differential equations (K. Alymkulov and D. A. Torsunov) and to the
development of new homotopy asymptotic methods and some of their applications (Baojian
Hong).
⇒ Ausführliche Angaben: HT020308293

Vakhrushev, Alexander: Molecular Dynamics
English. Inhaltliche Zusammenfassung: This book is devoted to a description of the modeling
of nanosystems and a detailed exposition of the application of molecular dynamics methods
to problems from various fields of technology: material science, the formation of composite
molecular complexes, and transport of nanosystems. The research results of the modeling of
various nanosystems are presented: soft supramolecular nanostructures, nanosized beams of
single-crystal Cu, metallic nanosized crystals, drug delivery systems, and systems stabilized
by hydrogen bonds. The information from this book will be useful for engineers, technolo-
gists, researchers, and postgraduate students interested in the study of the whole complex
of computer simulation based on the concept of molecular dynamics methods for the task of
designing and producing nanomaterials with controlled properties.
⇒ Ausführliche Angaben: HT020308898

Vakhrushev, Alexander: Nanomechanics
English. Inhaltliche Zusammenfassung: In recent years, nanotechnology is the basis for the
development of modern production. This determined the urgency of the intensive development
of the new direction of mechanics and nanomechanics, for the scientific description of nano-
technological processes and the solution of several topical nanotechnology problems. Topics
included in the book cover a wide range of research in the field of nanomechanics: thermo-
mass theory of nanosystems; deformation of nanomaterials; interface mechanics of assembly
carbon nanotube; nanomechanics on surface; molecular interactions and transformations;
nanomechanical sensors, nanobeams, and micromembranes; nanostructural organic and in-
organic materials; green synthesis of metallic nanoparticles. The main goal of these works
is the establishment of the nanosystem macroparameter dependence on its nanoparameters
using nanomechanics. This book will be useful for engineers, technologists, and researchers
interested in methods of nanomechanics and in advanced nanomaterials with complex beha-
vior and their applications.
⇒ Ausführliche Angaben: HT020308271

Vakhrushev, Alexander: Theoretical Foundations and Application of Pho-
tonic Crystals
9789535140801
English. Inhaltliche Zusammenfassung: This book is devoted to the description of research
and design of photonic crystals. Topics included in the book cover a wide range of research
in the field of theoretical analysis and experimental investigation: the electromagnetic field in
the photonic crystal, propagation of waves in the gyrotropic magnetophotonic crystals, low
one-photon absorption, ultratransparent photonic crystals, colloidal assembly, photonic crys-
tal application for development of all-optical computational system, design strategies for PC
devices, self-organization of liquid crystalline nanostructures, and optical diodes. This book
will be useful for engineers, technologists, researchers, and postgraduate students interested
in the research, design, fabrication processes, and applications of photonic crystals.
⇒ Ausführliche Angaben: HT020308645

Valarmathi, Mani T.: Stromal Cells - Structure, Function, and Therapeutic
Implications
English. Inhaltliche Zusammenfassung: Stromal cells are connective tissue cells of any or-
gan, and they support the function of the parenchymal cells of that particular organ. Stromal/stromal stem cells are fundamentally a heterogeneous population of cells with contradic-
tory differentiation potential depending upon their environmental niche. Stromal cell biology
is not only intriguing, but equally stromal cell ontogeny in vivo remains challenging. In recent years there has been substantial advances in our understanding of stromal cell biology, especially stromal cell isolation, characterization, differentiation, and interactions in physiological (epithelial-stromal interactions) as well as pathophysiological (stromal-cancer interactions) contexts. In addition, stromal cells are also utilized more and more as a therapeutic tool not only in the field of gene therapy but also in the translational field of tissue engineering and regenerative medicine. Therefore, the goal of this book is to consolidate the recent advances in the area of stromal/stromal stem cell biology covering a broad range of interrelated topics in a timely fashion and to disseminate that knowledge in a lucid way to a greater scientific audience. This book will prove highly useful for students, researchers, and clinicians in stem cell biology, developmental biology, cancer biology, pathology, oncology, as well as tissue engineering and regenerative medicine. This quick reference will benefit anyone desiring a thorough overview of stromal cell structure, function, and its therapeutic implications.

Valasik, Corinne / Dierkens, Alain / Susini, Laurent: La croix et la bannière

Valceschini, Egizio / Svedin, Uno / Bergeret, Pascal: Bioeconomy challenges and implementation: the European research organisations perspective
English. Inhaltliche Zusammenfassung: This book focuses on opportunities and challenges in implementing a bioeconomy strategy from a research and education perspective. It draws on contributions presented during the 30th EURAGRI annual conference held in Tartu (Estonia) in September 2016, as well as on other workshops organised as part of EURAGRI. EURAGRI is an informal gathering of EU research and higher education organisations and ministries interested in agri-food research. It works as a platform of exchange and discussion on topics of common interest pertaining to the organisation, orientation and outlook of agri-food research in Europe in connection with global changes.

Valdez, Benjamin: Food Industrial Processes - Methods and Equipment
English. Inhaltliche Zusammenfassung: The global food industry has the largest number of demanding and knowledgeable consumers: the world population of seven billion inhabitants, since every person eats! This population requires food products that fulfill the high quality standards established by the food industry organizations. Food shortages threaten human health and are aggravated by the disastrous, extreme climatic events such as floods, droughts, fires, storms connected to climate change, global warming and greenhouse gas emissions that modify the environment and, consequently, the production of foods in the agriculture and husbandry sectors. This collection of articles is a timely contribution to issues relating
to the food industry. They were selected for use as a primer, an investigation guide and documentation based on modern, scientific and technical references. This volume is therefore appropriate for use by university researchers and practicing food developers and producers. The control of food processing and production is not only discussed in scientific terms; engineering, economic and financial aspects are also considered for the advantage of food industry managers.

⇒ Ausführliche Angaben: HT020307848

Valdez, Benjamin / Wiener, Michael Schorr: Phosphoric Acid Industry - Problems and Solutions
English. Inhaltsangabe: Phosphoric acid is an important industrial acid that is utilized for manufacturing phosphatic fertilizers and industrial products, for pickling and posterior treatment of steel surfaces to prevent corrosion, for ensuring appropriate paint adhesion, and for the food and beverages industry, e.g., cola-type drinks to impart taste and slight acidity and to avoid iron sedimentation. This industry is spread out in countries of four continents - Asia, Africa, America, and Europe - which operate mines and production plants and produce fertilizers, Phosacid is one of the most widely known acids. The global phosacid market and its many phosphate derivatives are expanding worldwide; this trend is expected to continue in the next years, thus producing innovative products.

⇒ Ausführliche Angaben: HT020308355

Valdman, Jan: Optimization Algorithms - Examples
English. Inhaltsangabe: This book presents examples of modern optimization algorithms. The focus is on a clear understanding of underlying studied problems, understanding described algorithms by a broad range of scientists and providing (computational) examples that a reader can easily repeat.

⇒ Ausführliche Angaben: HT020308958

Valenzuela, Rodrigo: Non-Alcoholic Fatty Liver Disease - Molecular Bases, Prevention and Treatment
English. Inhaltsangabe: Nonalcoholic fatty liver disease (NAFLD) with a prevalence of 20-30% worldwide is characterized by the buildup of fat in the liver (liver steatosis) with no or little alcohol consumption. Its principal causes are modern diet and occidental lifestyle. It is characterized by metabolic disturbances such as insulin resistance, inflammation, and oxidative stress, considered as the hepatic manifestation of metabolic syndrome. There is no effective drug therapy for this disease; therefore, lifestyle interventions remain as the first-line treatment. Nevertheless, the adherence rates to this type of treatment are very low, so great efforts are focused at finding novel therapeutic agents for the prevention of hepatic steatosis and its progression. This book presents a systematic and comprehensive revision about NAFLD, highlighting its epidemiological and molecular aspects, as well as its prevention and treatment.

⇒ Ausführliche Angaben: HT020308623

Vallejos, Víctor Hugo (Coord.) / Pohl Schnake, Verónica (Coord.): Ñande Yvera = Nuestro Iberá: Encrucijadas hacia un destino de enajenación de los esteros
Spanish. Inhaltsangabe: Los Esteros del Iberá han sido ampliamente analizados desde una perspectiva natural, es por ello que la presente propuesta vincula los aspectos del ecosistema con su apropiación y producción del territorio, en la búsqueda de aportar desde un aspecto con menos trayectoria de exploración académica e intentando superar la prevaleciente visión económica de las transformaciones territoriales separada de lo ambiental. Así, se profundiza en los conflictos ambientales y formas de gestionar el territorio
desde el análisis de los actores sociales involucrados según las lógicas predominantes de interacción, reconociendo tres dimensiones de análisis: ecológico-ambiental, socioeconómico y jurídico-político-institucional. Este libro es el resultado de investigaciones llevadas a cabo en el marco de la Universidad Nacional de La Plata, y por ende pretende ser un aporte a la comunidad científica. Sin embargo, la presente obra intenta llegar a un público más amplio, con el propósito de contribuir al entendimiento de una realidad en la cual las transformaciones territoriales y los conflictos ambientales suscitados en el área preocupan a los correntinos de distinta manera. Busca ser un humilde aporte como material de consulta y de estudio de investigadores, docentes y estudiantes de todos los estamentos de la educación formal y no formal, de organizaciones sociales, políticas y culturales, decisores políticos y del público en general.

⇒ Ausführliche Angaben: HT020309704

Van Bockstaele, Anne-Marie / Tabah, Mireille / Schicharin, Luc: Pratiques de l'intime

⇒ Ausführliche Angaben: HT020309795

van Crevel, Maghiel / Klein, Lucas: Chinese Poetry and Translation
English. Inhaltliche Zusammenfassung: Chinese Poetry and Translation: Rights and Wrongs offers fifteen essays on the triptych of poetry + translation + Chinese. The collection has three parts: The Translators Take, Theoretics, and Impact. The conversation stretches from queer-feminist engagement with Chinas newest poetry to philosophical and philological reflections on its oldest, and from Tang- and Song-dynasty classical poetry in Western languages to Baudelaire and Celan in Chinese. Translation is taken as an interlingual and intercultural act, and the essays foreground theoretical expositions and the practice of translation in equal but not opposite measure. Poetry has a transforming yet ever-acute relevance in Chinese culture, and this makes it a good entry point for studying Chinese-foreign encounters. Pushing past oppositions that still too often restrict discussions of translation-form versus content, elegance versus accuracy, and the original versus the translated-this volume brings a wealth of new thinking to the interrelationships between poetry, translation, and China.

⇒ Ausführliche Angaben: HT020310489

Van de Poel, Chris / Dhulst, Lieven: Alles verandert altijd
Dutch. Inhaltliche Zusammenfassung: Everything always changes is an indispensable tool for the literary translator in training and the beginning and advanced professional in translating into and from Dutch. For the first time, all important aspects of literary translation are brought together clearly and comprehensively: the business and financial aspects, the basic knowledge and skills that this activity assumes, the general key concepts and challenges, the translation of traditional literary genres, but also of childrens and youth literature,
literary non-fiction and philosophy, and the aftercare in the form of revision, marketing and promotion.

⇒ Ausführliche Angaben: HT020307498

Van de Walle, Cédric / Soare, Sorina / Seiler, Daniel-Louis: Les fédérations européennes de partis

⇒ Ausführliche Angaben: HT020309749

Van de Walle, Cédric / Vandermotten, Christian / Seiler, Daniel-Louis: Libéralismes et partis libéraux en Europe

⇒ Ausführliche Angaben: HT020309754

van den Akker, Chiel / Legêne, Susan: Museums in a Digital Culture
English. Inhaltliche Zusammenfassung: The experience of engaging with art and history has been utterly transformed by information and communications technology in recent decades. We now have virtual, mediated access to countless heritage collections and assemblages of artworks, which we intuitively browse and navigate in a way that was not possible until very recently. This collection of essays takes up the question of the cultural meaning of the information and communications technology that makes these new engagements possible, asking questions like: How should we theorise the sensory experience of art and heritage? What does information technology mean for the authority and ownership of heritage?.

⇒ Ausführliche Angaben: HT020309819

van der Schueren, Éric / De Craim, Alexandre / Vernet, Thomas: Marie-Adélaïde de Savoie (1685-1712)
French. Inhaltliche Zusammenfassung: In October 1696, the procession from Turin led Marie-Adélaïde de Savoie to Versailles. The marriage contract which now binds her to the Duke of Burgundy, grandson of Louis XIV, will seal, a few months later, the fate of Europe by the peace of Ryswick. From the birth of his daughter, guided by lucid cynicism, Victor Amadeus II had destined her to become a French princess. He succeeds very well. From the outset, the monarch was seduced by the extraversion, the naturalness and simplicity of the child; he found it at will. Having become duchess of Burgundy, the young woman nevertheless upsets the etiquette of the court of France, confided in the devotions. She quickly becomes the darling of Versailles. Her temper tempers the morose religiosity of her husband; her cheerfulness galvanises around her musicians, composers, choreographers and men of letters.

⇒ Ausführliche Angaben: HT020309716

van Dongen, Jeroen / van der Steen, Bart / Tai, Chaokang: Anton Pannekoek: Ways of Viewing Science and Society
English. Inhaltliche Zusammenfassung: Anton Pannekoek (1873-1960), prominent astronomer and world-renowned socialist theorist, stood at the nexus of the revolutions in politics, science and the arts of the early twentieth century. His astronomy was uniquely visual and highly innovative, while his politics were radical. Anton Pannekoek: Ways of Viewing Science and Society collects essays on Pannekoek and his contemporaries at the crossroads of political history, the history of science and art history.

⇒ Ausführliche Angaben: HT020309905


⇒ Ausführliche Angaben: HT020309770

Van Hecke, Steven / Vandermotten, Christian / Soare, Sorina: Démocratie chrétienne et conservatisme en Europe
French. Inhaltliche Zusammenfassung: En lespacio de quinze ans, la fédération européenne de partis qui rassemblait les formations démocrates chrétiennes - le parti populaire européen (PPE) - a vécu une mutation politique, idéologique et organisationnelle fondamentale. Centré à l’origine sur les formations démocrates chrétiennes, le PPE s’est ouvert à des partis aux sensibilités conservatrice voire libérale ou nationaliste dans les pays de l’Union européenne et dans les États qui sont amenés à la rejoindre sous peu. L’objectif de ce livre est d’examiner cette problématique à laune des mutations de la démocratie chrétienne et des partis démocrates chrétiens, dune part, à celle du conservatisme et des partis conservateurs, de lautre. A-t-on affaire à une simple opération de stratégie politique configurée au système politique européen
Est-ce le reflet d'une indistinction de plus en plus manifeste entre démocrates chrétiens et conservateurs ? Ou, de manière plus radicale, assiste-t-on à l'extinction d'une famille politique - la démocratie chrétienne - ou à son absorption par la famille conservatrice ? Pour aborder ces thèmes, l'ouvrage rassemble des contributions de spécialistes internationaux. Ils retracent l'histoire de la démocratie chrétienne et du conservatisme et en analysent les caractéristiques et les évolutions.

⇒ Ausführliche Angaben: HT020309758

van Kalmthout, Ton / Zuidervaart, Huib: The Practice of Philology in the Nineteenth-Century Netherlands
English. Inhaltliche Zusammenfassung: Dutch scholarship has played an important role in philology since the early days of Leiden University. This volume illuminates how philology and its focus on the critical examination of classical texts-a tradition that had previously exerted considerable influence across fields as diverse as theology, astronomy, law, and politics-began an accelerated process of specialization in the 1800s. As former subareas like linguistics and history branched off into independent fields with their own methodologies, philology found its authority narrowing in scope within newly defined boundaries. Providing a fresh perspective on the evolution of Dutch philology as a discipline in the humanities, this is a fascinating look at a historically vital field of thought.

⇒ Ausführliche Angaben: HT020309821

van Oostrom, Frits: The Netherlands in a Nutshell: Highlights from Dutch History and Culture
English. Inhaltliche Zusammenfassung: Many think they know the legends behind tulipmania and the legacy of the Dutch East India Company, but what basic knowledge of Dutch history should be passed on to future generations? This overview of historical highlights, assembled by a number of specialists in consultation with the Dutch general public, provides a thought-provoking and timely answer. The democratic process behind the volume is reminiscent of the way in which the Netherlands has excelled for centuries at collective craftsmanship, and says as much about the Netherlands as does the outcome of the opinions voiced. The Netherlands in a Nutshell offers a mine of information for visitors to the Netherlands, and should appeal to anyone interested in the history of this fascinating and multi-faceted land in the heart of Europe.

⇒ Ausführliche Angaben: HT020309827

van Steenbergen, Naomi / Bos, Gerhard / Duewell, Marcus: Towards the Ethics of a Green Future
English. Inhaltliche Zusammenfassung: What are our obligations towards future generations who stand to be harmed by the impact of today's environmental crises? This book explores ecological sustainability as a human rights issue and examines what our long-term responsibilities might be. This interdisciplinary collection of chapters provides a basis for understanding the debates on the provision of sustainability for future generations from a diverse set of theoretical standpoints. Covering a broad range of perspectives such as risk and uncertainty, legal implementation, representation, motivation and economics, Towards the Ethics of a Green Future sets out the key questions involved in this complex ethical issue. The contributors bring theoretical discussions to life through the use of case studies and real-world examples. The book also includes clear and tangible recommendations for policymakers on how to put the suggestions proposed within the book into practice. This book will be of great interest to all researchers and students concerned with issues of sustainability and human rights, as well as scholars of environmental politics, law and ethics more generally.

⇒ Ausführliche Angaben: HT020310076

van van Rhijn, Carine / Patzold, Steffen: Men in the Middle. Local Priests in Early Medieval Europe
English. Inhaltliche Zusammenfassung: This volume studies local priests as central players in small communities of early medieval Europe. On the one hand, manuscript evidence shows their knowledge, expertise and potential to teach, whereas charter collections shed light on local priests as active members of networks of the locally powerful. By combining both approaches and covering most of early medieval Europe, this book is the first to offer a comprehensive overview of the subject.

⇒ Ausführliche Angaben: HT020307641

van Ypersele, Jean-Pascal / Tinland, Franck / Stirling, Andrew: Le principe de précaution
French. Inhaltliche Zusammenfassung: Comment agir face à des risques potentiellement importants dans un contexte d’incertitude ? Cette question se dégage avec de plus en plus d’insistance au fil de problèmes de pollutions, d’alimentation, de santé ou d’utilisation des technologies. Que l’on pense à la " crise de la dioxine ", à la dissemination des organismes génétiquement modifiés (OGM), à la maladie de la " vache folle ", au réchauffement du climat... À l’avant-scène, le principe de précaution est invoqué de façon croissante dans les sciences, les politiques, les juridictions ou les médias, semblant condenser des évolutions dans l’appréhension et la gestion des risques. Cet ouvrage réunit seize contributions offrant un éventail de significations et de conséquences de ce principe, ainsi que des contextes où il trouve son origine. Des spécialistes font le point sur la situation juridique et politique actuelle en la matière. D’autres analysent les difficultés applications de la précaution et formulent des propositions. D’autres encore replacent son sens dans une évolution philosophique qui remet en question les apports du progrès. Au centre de ces réflexions figurent les relations entre sciences et sociétés, experts et politiques, connaissance et décisions, priorités du présent et du futur. Ce bilan multidisciplinaire des enjeux du principe de précaution est issu d’une série de séminaire organisés à l’Université libre de Bruxelles.

⇒ Ausführliche Angaben: HT020309747

French. Inhaltliche Zusammenfassung: L’étude des partis politiques d’Europe centrale et orientale est d’autant plus intéressante que les tentatives de créer des organisations post-partisanes se sont multipliées après la chute des régimes communistes. La mouvance de la dissidence pensait pouvoir se passer des partis politiques souvent décriés et vilipendés. Or, force est de constater qu’ils se sont révélés indispensables dans le processus de démocratisation des pays d’Europe centrale et orientale. Cet ouvrage propose un premier bilan général de l’état des partis politiques de la région, dans une perspective résolument comparative.

⇒ Ausführliche Angaben: HT020309753

Vanderputten, Steven / Snijders, Tjamke / Long, Micol: Horizontal Learning in the High Middle Ages: Peer-to-Peer Knowledge Transfer in Religious Communities
English. Inhaltliche Zusammenfassung: The history of medieval learning has been studied both as a vertical master-student phenomenon, and as part of a broad educational environment. This volume centers on the ways in which cohabiting peers learned and taught one another in a dialectical process - how they acquired knowledge and skills, but also how they developed concepts, beliefs, and adapted their behavior to suit the group: everything that could mold a person into an efficient member of the community. This process of horizontal learning emerges as an important aspect of the medieval learning experience.

⇒ Ausführliche Angaben: HT020309900

VanderZwaag, David L. / Chao, Gloria: Aquaculture Law and Policy
The aquaculture industry is fast expanding around the globe and causing major environmental and social disruptions. The volume is about getting a good governance grip on this important industry. The book highlights the numerous law and policy issues that must be addressed in the search for effective regulation of aquaculture. Those issues include among others: the equitable and fair assignment of property rights; the design of effective dispute resolution mechanisms; clarification of what maritime laws apply to aquaculture; adoption of a proper taxation system for aquaculture; resolution of aboriginal offshore title and rights claims; recognition of international trade law restrictions such as labeling limitations and food safety requirements; and determination of whether genetically modified fish should be allowed and if so under what controls. This book will appeal to a broad range of audiences: undergraduate and postgraduate students, academic researchers, policy makers, NGOs, practicing lawyers and industry representatives.

VanderZwaag, David L. / Rothwell, Donald R.: Towards Principled Oceans Governance

Australia and Canada have been at the forefront of efforts to operationalize integrated oceans and coastal management. Throughout the 1990s both countries devoted considerable effort to developing strategies to give effect to international ocean management obligations. This key book focuses on principles of marine environmental conservation and management, maritime regulation and enforcement, and regional maritime planning and implementation. With contributions from respected scholars, this informative book collectively assesses the obligations, compliance, implementation and trends in international ocean law, particularly in giving effect to an Oceans Policy, regional maritime planning, international oceans governance, and maritime security. This book will be of interest to all academics involved with maritime studies and international law.

Vanhuullebusch, Matthias: War and Law in the Islamic World

War and Law in the Islamic World examines the origins and roles that two distinct systems of governance - Islamic law and international humanitarian law - have played in conflicts past and present. Meant equally for the scholar or student, this book presents the legal and policy complexities of today's conflicts in a new light through its careful and well-researched investigation of the past and the present.

Varmuza, Kurt: Chemometrics in Practical Applications

In the book Chemometrics in practical applications, various practical applications of chemometric methods in chemistry, biochemistry and chemical technology are presented, and selected chemometric methods are described in tutorial style. The book contains 14 independent chapters and is devoted to filling the gap between textbooks on multivariate data analysis and research journals on chemometrics and chemoinformatics.

Vasko, Ladislav / Vasková, Janka: Medicinal Chemistry

The area covered by this book undoubtedly includes...
a multidisciplinary approach. It combines and uses the wide range of methods and knowledge from a variety of disciplines in chemistry, pharmacology, and biology to synthesize new or extracted natural substances and their characterization, in terms of bioefficiency in different systems, pharmacokinetics, and pharmacodynamics. Importance is placed on revealing the interactions and effects on organisms. The process is long term, ranging from synthesis to potential testing of substances in animal studies, followed by monitoring effects on patients. The purpose is to define molecular targets of the highest efficacy of the prepared drugs, minimizing the undesirable effects. The content of this book is conceived with these intentions.

⇒ Ausführliche Angaben: HT020309293

**Vassiliadis, Savvas: Advances in Modern Woven Fabrics Technology**
English. Inhaltliche Zusammenfassung: The importance of woven fabrics increases constantly. Starting from traditional uses mainly in clothing applications, woven fabrics today are key materials for structural, electronic, telecommunications, medical, aerospace and other technical application fields. The new application fields of the woven fabrics is directly reflected in the contents of the book. A selected collection of papers in the technological state-of-the-art builds the book “Advances in Modern Woven Fabrics Technology”. It is written by internationally recognized specialists and pioneers of the particular fields. The chapters embrace technological areas with major importance, while maintaining a high scientific level. This interdisciplinary book will be useful for the textile family member as well as for the experts of the related engineering fields. The open access character of the book will allow a worldwide and direct access to its contents, supporting the members of the academic and industrial community.

⇒ Ausführliche Angaben: HT020309557

**Vassura, Gabriele / Vertechy, Rocco / Berselli, Giovanni: Smart Actuation and Sensing Systems - Recent Advances and Future Challenges**
English. Inhaltliche Zusammenfassung: The objective of the present book, which tries to summarize in an edited format and in a fairly comprehensive manner, many of the recent technical research accomplishments in the area of Smart Actuators and Smart Sensors, is to combine researchers and scientists from different fields into a single virtual room. The book hence reflects the multicultural nature of the field and will allow the reader to taste and appreciate different points of view, different engineering methods and different tools that must be jointly considered when designing and realizing smart actuation and sensing systems.

⇒ Ausführliche Angaben: HT020307928

**Vats, Mayank G.: Sleep Apnea - Recent Updates**
English. Inhaltliche Zusammenfassung: Sleep medicine is developing rapidly with more than 100 sleep disorders discovered till now. Despite that, sleep specialty is in neonatal stage especially in developing and underdeveloped countries. Sleep medicine is still evolving with ongoing worldwide clinical research, training programs, and changes in the insurance policy disseminating more awareness in physicians and patients. Sleep apnea is one of the most common sleep disorders, found in around 5-7 % of the general population with high prevalence in the obese, elderly individuals but largely unrecognized and hence undiagnosed with untreated and life-threatening consequences. In the last decade, new complex sleep disorders and their pathophysiology have been discovered, new treatment options (pharmacological and nonpharmacological) are available, and hence we planned a book on the recent developments on the most common sleep disorder, sleep apnea. We have incorporated chapters from the eminent clinicians and authors around the globe to produce a state-of-the-art book with the target audience from internal medicine, pulmonary, sleep medicine, neurology, ENT, and psychiatry discipline.

⇒ Ausführliche Angaben: HT020308216

**Vats, Mayank: Noninvasive Ventilation in Medicine - Recent Updates**
A vast amount has been written about NIV, including books and guidelines hence we thought to produce a book called Noninvasive Ventilation in Medicine - Recent Updates to cover the untouched components of such this machine. In this book, we tried to include advances in the NIV and the how NIV could be used in synchrony with the mechanical ventilator including a weaning stage. The clinical scope of NIV is changing day-to-day and its rapidly emerging and constantly changing field includes many more indications of utilization of NIV. The current book contains a rich extract from the masters in the NIV field who have vast experience of NIV in areas other than conventional indications and would like to share their experience with all of the readers. Various challenges in NIV patient care include noncompliance, confused, hypercapnic patient or small children coping with a mask, avoiding interface leaks, and balancing ventilatory needs with patient tolerance.

⇒ Ausführliche Angaben: HT020309244

Veas, Francisco: Acute Phase Proteins as Early Non-Specific Biomarkers of Human and Veterinary Diseases
English. Inhaltliche Zusammenfassung: The two volumes of Acute Phase Proteins book consist of chapters that give a large panel of fundamental and applied knowledge on one of the major elements of the inflammatory process during the acute phase response, id est, the acute phase proteins expression and functions that regulate homeostasis. We have organized this book in two volumes - the first volume, mainly containing chapters on structure, biology and functions of APP, the second volume discussing different uses of APP as diagnostic tools in human and veterinary medicine.

⇒ Ausführliche Angaben: HT020307787

Veas, Francisco: Acute Phase Proteins - Regulation and Functions of Acute Phase Proteins
English. Inhaltliche Zusammenfassung: The two volumes of Acute Phase Proteins book consist of chapters that give a large panel of fundamental and applied knowledge on one of the major elements of the inflammatory process during the acute phase response, id est, the acute phase proteins expression and functions that regulate homeostasis. We have organized this book in two volumes - the first volume, mainly containing chapters on structure, biology and functions of APP, the second volume discussing different uses of APP as diagnostic tools in human and veterinary medicine.

⇒ Ausführliche Angaben: HT020307784

Venkatesan, Purushothaman: Indigenous People
English. Inhaltliche Zusammenfassung: Indigenous peoples are the native ethnic groups, who are descended from and identified with the original inhabitants of a region, in contrast to groups that have settled, occupied, or colonized the area more recently. This book entitled Indigenous People is an attempt to bring out the analysis of indigenous environment, indigenous technical knowledge, indigenous resource governance, and indigenous entrepreneurship and empowerment. This book contains selected chapters from renowned personalities from across the globe who have rich knowledge on sovereignty, economic well-being, and resource access of the indigenous people, on which their cultures depend. This book will certainly be an asset or a boon, not only to the extension fraternity but also to all those who are really thirsty of information and knowledge on indigenous people.

⇒ Ausführliche Angaben: HT020308420

Vere, Cristin Constantin / Gheonea, Dan Ionut / Streba, Costin Teodor: Endoscopy - Novel Techniques and Recent Advancements
English. Inhaltliche Zusammenfassung: Endoscopic techniques are widely used for screening, diagnostic and therapeutic maneuvers in all groups of patients and for a large spectrum
of complaints. The availability of basic iterations of endoscopic techniques made screening programs for various diseases viable in most parts of the world, while the advent of modern techniques opens new perspectives for rapid and correct diagnosis. Going beyond normal human vision, innovative techniques opened the prospect of in-situ pathology. Endoscopic ultrasound has made incredible progress in recent years. Reaching the smaller orifices by endoscopy was a major step forward in the surveillance of previously inaccessible lesions. Investigatory techniques were complemented by advances in therapy, with novel applications in many major areas of medicine.

⇒ Ausführliche Angaben: HT020309284

**Vereecken, Pierre: Dermatologic Surgery and Procedures**
English. Inhaltliche Zusammenfassung: This book is intended for dermatologists, skin surgeons, and general practitioners who are interested in skin surgery and cosmetic procedures. The topics of broad and current interest in shaping the practice nowadays have been selected by the editor, Dr. Pierre Vereecken, MD, PhD, allowing the reader to expand his/her skills and surgical techniques. This book aims to meet the need for a practical guide to help the clinicians to extend their offer in daily practice in dermatology and corrective and skin cancer surgery.

⇒ Ausführliche Angaben: HT020308600

**Verges, Adriana / Vanderklift, Mathew A. / Thomsen, Mads S.: H6 Biology and Ecology of the Globally Significant Kelp Ecklonia radiata**
English. Inhaltliche Zusammenfassung: Ecklonia radiata is one of the most widespread kelps globally, dominating temperate reefs throughout much of Australasia and southeastern Africa. Throughout much of its range, it is the only laminarian kelp and hence plays a key role in facilitating biodiversity and driving food webs, and it underpins immense ecological and socioeconomic values. This review synthesizes the growing literature on E. radiata from its phylogeny and distribution through to its biology, ecology and recent changes. It provides an assessment of the state of knowledge and identifies gaps in our understanding of this important species. Despite being tolerant of a wide range of abiotic conditions, recent environmental change has caused direct and indirect loss of E. radiata forests, with extensive areas transitioning to turf and urchin barrens. Ongoing climate change may require application of multifaceted and novel strategies to increase its resistance and resilience to future conditions. By integrating variation across space, time and environmental change, this review provides a description of the current status and possible future trajectories of E. radiata forests.

⇒ Ausführliche Angaben: HT020307539

**Vermeulen, Corinna / Post, Anna-Luna / Barlaeus, Caspar: The Wise Merchant**
English. Inhaltliche Zusammenfassung: On 9 January 1632, at the inauguration of the Amsterdam Illustrious School - the predecessor of the city’s university - Caspar Barlaeus delivered a speech that has continued to arouse the curiosity of researchers and the general public alike: Mercator sapiens. This famous oration on the wise merchant is now considered a key text of the Dutch Golden Age. At the same time it is surrounded by misunderstandings regarding Barlaeus himself, the nascent Illustrious School, and Amsterdam’s merchant culture. This volume presents the first English translation and the first critical edition of the Mercator sapiens, preceded by an introduction providing historical context and a fresh interpretation of this intriguing text. Anna-Luna Post and Corinna Vermeulen shed new light on the roles of humanist scholarship and rhetoric in Hollands metropolis. Caspar Barlaeus 1632 oration, The Wise Merchant, has often been cited but seldom read. Their edition, translation and introduction set the work into its historical context with learning, clarity and economy. - Anthony Grafton.

⇒ Ausführliche Angaben: HT020309805
Vernier, Philippe / NZué, Boni / Zakhia-Rozis, Nadine: Le manioc, entre culture alimentaire et filière agro-industrielle  
French. Inhaltliche Zusammenfassung: The cassava-processing industry plays a key role in food safety and in the economies in the Global South, mainly in rural areas but increasingly in cities too. Climate change is expected to play an even greater role in world agriculture. This book brings together all of the available knowledge on cassava and highlights the agronomic and commercial issues surrounding this crop. It presents an overview of cassava production worldwide, covering all of the various aspects of the plant (botany, genetics), as well as its main forms of cultivation, its diseases and pests. It describes how to use, consume and process cassava.
⇒ Ausführliche Angaben: HT020310374

 Vertova, Giovanna: The Changing Economic Geography of Globalization  
English. Inhaltliche Zusammenfassung: The process of globalization has had profound, often destabilizing, effects on space, at all levels (id est local, regional, national, international). This revealing book analyzes, both theoretically and empirically, the effects of globalization over space. It considers, through a dialogue among different paradigms, the ways in which space has become more important in the global economy. Globalization has been advocated as a way of shrinking time and space which will lead to a homogenized global market; a suggestion challenged in differing ways and with a variety of approaches by all the contributors to this volume. Leading authorities from a range of disciplines are represented amongst this impressive list of contributors, including Eric Sheppard, Bjørn Asheim, Richard Walker and Peter Swann. The chapters demonstrate persuasively the continuing, and even increasing, role of space in the global economy, and throughout, the book covers viewpoints from the fields of: international political economy economic geography regional and local economics. This impressive volume, which contains a selection of the best in contemporary scholarship, will be of interest to the international arena of academicians, policy makers and professionals in these or related fields.
⇒ Ausführliche Angaben: HT020310114

 Vijayakumar, Ramasamy / Raja, Suresh S.S.: Secondary Metabolites - Sources and Applications  
English. Inhaltliche Zusammenfassung: This book consists of an introductory overview of secondary metabolites, which are classified into four main sections: microbial secondary metabolites, plant secondary metabolites, secondary metabolites through tissue culture technique, and regulation of secondary metabolite production. This book provides a comprehensive account on the secondary metabolites of microorganisms, plants, and the production of secondary metabolites through biotechnological approach like the plant tissue culture method. The regulatory mechanisms of secondary metabolite production in plants and the pharmaceutical and other applications of various secondary metabolites are also highlighted. This book is considered as necessary reading for microbiologists, biotechnologists, biochemists, pharmacologists, and botanists who are doing research in secondary metabolites. It should also be useful to MSc students, MPhil and PhD scholars, scientists, and faculty members of various science disciplines.
⇒ Ausführliche Angaben: HT020308956

Vijayaram, T.R.: Advanced Casting Technologies  
English. Inhaltliche Zusammenfassung: Major casting processing advancements have been made in experimental and simulation areas. Newly developed advanced casting technologies allow foundry researchers to explore detailed phenomena associated with new casting process parameters helping to produce defect-free castings with good quality. Moreover, increased computational power allows foundry technologists to simulate advanced casting processes to
reduce casting defects. In view of rapid expansion of knowledge and capability in the exciting field of casting technology, it is possible to develop new casting techniques. This book is intended to discuss many casting processing technologies. It is devoted to advanced casting processing technologies like ductile casting production and thermal analysis, casting of metal matrix composites by vortex stir casting technique, aluminum DC casting, evaporative casting process, and so on. This book entitled Advanced Casting Technologies has been organized into seven chapters and categorized into four sections. Section 1 discusses the production of ductile iron casting and thermal analysis. Section 2 depicts aluminum casting. Section 3 describes the casting manufacturing aspects of functionally graded materials and evaporative casting process. Section 4 explains about the vortex stir casting technique to process metal matrix composite castings. All the chapters discussed in detail the processing steps, process parameters involved in the individual casting technique, and also its applications. The goal of the book is to provide details on the recent casting technologies.

⇒ Ausführliche Angaben: HT020308678

Vikraman, Dhanasekaran / Kim, Hyun-Seok: Design, Simulation and Construction of Field Effect Transistors
English. Inhaltsliche Zusammenfassung: In recent years, research on microelectronics has been specifically focused on the proposition of efficient alternative methodologies and materials to fabricate feasible integrated circuits. This book provides a general background of thin film transistors and their simulations and constructions. The contents of the book are broadly classified into two topics: design and simulation of FETs and construction of FETs. All the authors anticipate that the provided chapters will act as a single source of reference for the design, simulation and construction of FETs. This edited book will help microelectronics researchers with their endeavors and would be a great addition to the realm of semiconductor physics.

⇒ Ausführliche Angaben: HT020308848

Villalobos, Rodolfo Rendón / Huicochea, Emmanuel Flores: Applications of Modified Starches
English. Inhaltsliche Zusammenfassung: Starch is the main source of energy to humans, but starch today has other roles in food, packing and pharmaceutical industries like filler, emulsion stabilizer, coating, etc. The native form of starch has application limitations on broad range of temperature, pH and stability, among others, required on several industrial applications. The alternative way is modified starch to improve its properties and uses on several industrial fields. The book explores the use of physical and, chemical modifications and even the unusual modification using ionizing radiation on several sources of starch, the effect of them on the properties and application fields of modified starch.

⇒ Ausführliche Angaben: HT020308809

Villanueva, Neftali / Stojanovic, Isidora / Recanati, Francois: Context-Dependence, Perspective and Relativity
English. Inhaltsliche Zusammenfassung: This volume brings together original papers by linguists and philosophers on the role of context and perspective in language and thought. Several contributions are concerned with the contextualism/relativism debate, which has loomed large in recent philosophical discussions. In a substantial introduction, the editors survey the field and map out the relevant issues and positions.

⇒ Ausführliche Angaben: HT020307651

Viltanioti, Irini-Fotini: L’harmonie des Sirènes du pythagorisme ancien à Platon
French. Inhaltliche Zusammenfassung: The Pythagorean theory of the Harmony of the Spheres has been influential in the history of philosophy and science. While much ink has been spilt over its scientific implications, its mythological formulation has not yet received serious scholarly attention. This groundbreaking book fills that gap by offering a sustained study of the theory's mythological rendition in Plato's Republic and in Iamblichus' On the Pythagorean Way of Life.

⇒ Ausführliche Angaben: HT020307643

Vinjamuri, Ramana: Biomimetic Prosthetics
English. Inhaltliche Zusammenfassung: Biomimetic prosthetics are advanced devices that mimic the physical and functional properties of the replaced limb, thus restoring near-natural form and function. This flourishing field of research will continue to play an important role in improving quality of life, independence, and community participation for individuals with disabilities. This humble compilation showcases a few representative examples of progress in this exciting field.

⇒ Ausführliche Angaben: HT020308577

Vitali-Volant, Maria Giuseppina / Versini, Laurent / Van Staen, Christophe: Le XVIIIe, un siècle de décadence ?
French|English. Inhaltliche Zusammenfassung: Sans doute peu de lecteurs du XXIe siècle répondraient-ils positivement à la question posée en tête de ce volume. Et le fait même de la formuler pourra paraître incohérent à certains. Ce serait ignorer, cependant, qu’en plein siècle des Lumières, de nombreuses voix se sont élevées afin de mettre en doute les progrès dont on se targuait généralement dans les différents domaines de la connaissance, des arts, ou de la littérature. Et ces voix n’émanaient pas que des anti-Philosophes, loin de là ! Dans le camp philosophique lui-même, en effet, les plus grands auteurs - Rousseau, bien sûr, mais aussi Voltaire ou Montesquieu, par exemple - n’ont pas manqué de comparer défavorablement leur propre époque aux précédentes, jugées plus fastes, plus sages, ou comme ayant fait preuve d’un goût plus sûr.-.

⇒ Ausführliche Angaben: HT020309773

Vitin, Alexander: Perioperative Care for Organ Transplant Recipient
English. Inhaltliche Zusammenfassung: This book is addressed to physicians and researchers working in the ever-expanding research and practice fields of transplantation medicine. Its purpose is to present the transplantation community with a collection of works written by prominent experts in a variety of transplant-related fields, encompassing the most recent scientific and practical developments and accomplishments in the highly specialized segment of transplantation medicine, such as perioperative care for organ transplant candidates and recipients.

⇒ Ausführliche Angaben: HT020309518

Viviani, Antonio / Pezzella, Giuseppe: Hypersonic Vehicles - Past, Present and Future Developments
English. Inhaltliche Zusammenfassung: In the aviation field there is great interest in high-speed vehicle design. Hypersonic vehicles represent the next frontier of passenger transportation to and from space. However, several design issues must be addressed, including vehicle aerodynamics and aerothermodynamics, aeroshape design optimization, aerodynamic heating, boundary layer transition, and so on. This book contains valuable contributions focusing on hypervelocity aircraft design. Topics covered include hypersonic aircraft aerodynamic and aerothermodynamic design, especially aeroshape design optimization, computational
fluid dynamics, and scramjet propulsion. The book also discusses high-speed flow issues and the challenges to achieving the dream of affordable hypersonic travel. It is hoped that the information contained herein will allow for the development of safe and efficient hypersonic vehicles.

⇒ Ausführliche Angaben: HT020309527

Vizureanu, Petrica: Enhanced Expert Systems
English. Inhaltliche Zusammenfassung: The theoretical approach of this book is to develop a primary survey of the knowledge representation model, providing convergence of classical operations research and modern knowledge engineering. This convergence creates new opportunities for complicated problems of formalization and solution by integrating the best features of mathematical programming or constraint programming. This book explains in six chapters that expert systems are products in the field of computer science that attempt to perform as intelligent software. What is outstanding for expert systems is the applicability area and the solving of different problems in many fields or industrial branches.

⇒ Ausführliche Angaben: HT020309495

Vlachakis, Dimitrios P.: Molecular Docking
English. Inhaltliche Zusammenfassung: Molecular docking has always been and will be on the forefront of developments in the eminent field of drug design and medicinal chemistry. At the early days, drug discovery was based on blackboard drawings and expert intuition. However, as times move on, the amount of available information and overall knowledge base that needs to be analyzed cannot be processed manually. This, coupled by the rapid growth in computational infrastructure and processing power, has allowed for the efficient use of molecular docking tools and algorithms to be considered in the greater field of drug discovery. In the postgenomic era, molecular docking has become the key player for the screening of hundreds of thousands of compounds against a repertoire of pharmacological targets.

⇒ Ausführliche Angaben: HT020308823

Vlachakis, Dimitrios: Systems Biology
English. Inhaltliche Zusammenfassung: Systems biology is the inevitable outcome of long years of knowledge acquisition and data accumulation. The aim of systems biology is to integrate in a seamless way all existing knowledge in interconnected disciplines, stretching from modern biomedical research to physics, chemistry, and mathematics. The main integration tool of such complex biomedical systems is via computational and mathematical modeling. In this direction, a series of state-of-the-art computer science techniques are used, namely, data mining and fusion, machine learning, and deep learning all under the prism of big data. All in all, systems biology is at the arrowhead of modern and state-of-the-art biomedical research by attempting to address key biological questions describing holistically complex biological systems.

⇒ Ausführliche Angaben: HT020309423

Voerman, Gerrit / Soare, Sorina / Skenderovic, Damir: Extrême droite et pouvoir en Europe. The extreme right parties and power in Europe
French|English. Inhaltliche Zusammenfassung: Depuis un quart de siècle, plusieurs partis d’extrême droite ou de la droite populiste ont opéré une percée dans leur système politique national: le Front national en France, le FPÖ en Autriche, le parti du progrès en Norvège et au Danemark, le parti populaire danois, le parti national slovaque, le Mouvement social italien-Alliance nationale, la Ligue du nord, les Républikaner, le NPD et la DVU en Allemagne, la Liste Pim Fortuyn et le parti de la Liberté aux Pays-Bas, Ataka en Bulgarie, le parti populaire de la Grande Roumanie, le Vlaams Belang et le Front national en Belgique, l’Union démocratique
du Centre en Suisse, LAOS en Grèce... Au surplus, un fait politique nouveau s’est imposé ces dernières années: outre la progression électorale et politique observée par nombre de ces par- tis, plusieurs formations d’extrême droite ont accédé aux responsabilités gouvernementales ou ont soutenu des gouvernements de l’extérieur.-.

⇒ Ausführliche Angaben: HT020309774

**Vogler, John / Imber, Mark: The Environment and International Relations**

English. Inhaltliche Zusammenfassung: Environmental issues and questions of global change are now firmly established on the international political agenda. This book provides a wide-ranging survey of the current treatment of environmental issues in international relations. This book begins by looking at the relevance of the different theoretical approaches current in international relations to the study of the environment. It analyzes a wide range of approaches from the debate between neo-realism and liberal institutionalism to the significant connections between gender and global environmental change. The book goes on to consider a range of key international processes, discussing the monitoring and implementation of environmental agreements, the place of ideology in negotiations and the role of international organisations.

⇒ Ausführliche Angaben: HT020310108

**Volkmann, Uwe: Darf der Staat seine Bürger erziehen?**
2012. 1 electronic resource ([pages]). ISBN 9783845236551


⇒ Ausführliche Angaben: HT020307572

**Volkov, Konstantin: Aerosols - Science and Case Studies**

English. Inhaltliche Zusammenfassung: Aerosols have a significant impact on technological processes and human activities. In many cases, aerosols are at the core of human health, environmental and technological problems (climate change and air quality). However, aerosols can be successfully used in industry and technology (new materials, fire suppression and fuel delivery). The current scientific status of aerosol modelling and simulation and measurements and some advances in computational techniques, particle measurement technologies and practical applications of aerosols are reviewed and considered in this book. This book also includes a number of case studies focused on analysis of optical thickness and air quality in various regions.

⇒ Ausführliche Angaben: HT020308120

**Volkov, Konstantin: Flight Physics - Models, Techniques and Technologies**

English. Inhaltliche Zusammenfassung: The book focuses on the synthesis of the fundamental disciplines and practical applications involved in the investigation, description, and analysis of aircraft flight including applied aerodynamics, aircraft propulsion, flight performance,
stability, and control. The book covers the aerodynamic models that describe the forces and moments on maneuvering aircraft and provides an overview of the concepts and methods used in flight dynamics. Computational methods are widely used by the practicing aerodynamicist, and the book covers computational fluid dynamics techniques used to improve understanding of the physical models that underlie computational methods.

⇒ Ausführliche Angaben: HT020308572

Volkov, Konstantin: Heat Transfer - Models, Methods and Applications
English. Inhaltsverzeichnis: The book focuses on new analytical, experimental, and computational developments in the field of research of heat and mass transfer phenomena. The generation, conversion, use, and exchange of thermal energy between physical systems are considered. Various mechanisms of heat transfer such as thermal conduction, thermal convection, thermal radiation, and transfer of energy by phase changes are presented. Theory and fundamental research in heat and mass transfer, numerical simulations and algorithms, experimental techniques, and measurements as they applied to all kinds of applied and emerging problems are covered.

⇒ Ausführliche Angaben: HT020308768

Volkov, Konstantin: Turbulence Modelling Approaches - Current State, Development Prospects, Applications
English. Inhaltsverzeichnis: Accurate prediction of turbulent flows remains a challenging task despite considerable work in this area and the acceptance of CFD as a design tool. The quality of the CFD calculations of the flows in engineering applications strongly depends on the proper prediction of turbulence phenomena. Investigations of flow instability, heat transfer, skin friction, secondary flows, flow separation, and reattachment effects demand a reliable modelling and simulation of the turbulence, reliable methods, accurate programming, and robust working practices. The current scientific status of simulation of turbulent flows as well as some advances in computational techniques and practical applications of turbulence research is reviewed and considered in the book.

⇒ Ausführliche Angaben: HT020308362

Volkov, Shulamit: Deutsche Juden und die Moderne
German.

⇒ Ausführliche Angaben: HT020309913

Volland-Nail, Patricia: Stratégies de publication scientifique
French. Inhaltsverzeichnis: Publish or perish! Researchers are very familiar with this injunction. But what should be published, where, when, how and with whom? Some questions to which this book attempts to find answers. Filled with numerous links and videos, this electronic book will help the researcher to navigate through the complex, moving world of scientific publication.

⇒ Ausführliche Angaben: HT020310353

Volmar, Maximilian: Digitale Marktmacht
Mehrseitigkeit der Geschäftsmodelle. Die vorliegende Arbeit zerlegt den Begriff der marktberechtigenden Stellung in seine Teile und zeigt auf, inwiefern die Methodik einer Anpassung an die digitale Wirtschaft bedarf. Dies geschieht unter Einbeziehung der Erkenntnisse der Rechtsökonomie sowie der Rechtsordnungen Deutschlands, der Europäischen Union und der USA.

⇒ Ausführliche Angaben: HT020309847

Volos, Christos / Burg, Tim / Lee, Dongbin: Nonlinear Systems - Design, Analysis, Estimation and Control
Englisch. Inhaltliche Zusammenfassung: The book consists mainly of two parts: Chapter 1 - Chapter 7 and Chapter 8 - Chapter 14. Chapter 1 and Chapter 2 treat design techniques based on linearization of nonlinear systems. An analysis of nonlinear system over quantum mechanics is discussed in Chapter 3. Chapter 4 to Chapter 7 are estimation methods using Kalman filtering while solving nonlinear control systems using iterative approach. Optimal approaches are discussed in Chapter 8 with retarded control of nonlinear system in singular situation, and Chapter 9 extends optimal theory to H-infinity control for a nonlinear control system. Chapters 10 and 11 present the control of nonlinear dynamic systems, twin-rotor helicopter and 3D crane system, which are both underactuated, cascaded dynamic systems. Chapter 12 applies controls to antisynchronization/synchronization in the chaotic models based on Lyapunov exponent theorem, and Chapter 13 discusses developed stability analytic approaches in terms of Lyapunov stability. The analysis of economic activities, especially the relationship between stock return and economic growth, is presented in Chapter 14.

⇒ Ausführliche Angaben: HT020308062

Volosencu, Constantin: Actuators
Englisch. Inhaltliche Zusammenfassung: The book promotes new research results in the field of modern actuators and their applications. New coverage of dielectric barrier discharge plasma actuators, polymeric microgripper based on the cascaded V-shaped electrothermal actuators, ionic polymer actuators, wideband actuators and energy harvesters, electromagnetic actuators and shape memory alloy actuators are comprehended. The book is structured in four sections: design, fabrication and simulation; control systems; medical applications and fault detection. Seven chapters are published following a rigorous selection process.

⇒ Ausführliche Angaben: HT020308836

Volosencu, Constantin: Fault Detection and Diagnosis
Englisch. Inhaltliche Zusammenfassung: This book offers a selection of papers in the field of fault detection and diagnosis, promoting new research results in the field, which come to join other publications in the literature. Authors from countries of four continents: United States of America, South Africa, China, India, Algeria and Croatia published worked examples and case studies resulting from their research in the field. Fault detection and diagnosis has a great importance in all industrial processes, to assure the monitoring, maintenance and repair of the complex processes, including all hardware, firmware and software. The book has four sections, determined by the application domain and the methods used: 1. Hybrid Computing Systems, 2. Power Systems, 3. Power Electronics and 4. Kalman Filtering. In the first section, the readers will find a technical report on fault diagnosis of hybrid computing systems, based on the chaotic-map method that uses the exponential divergence and wide Fourier properties of the trajectories, combined with memory allocations and assignments. In the second section, two chapters are included: one of them presents a study on preventive maintenance and fault detection for wind turbine generators using statistical models and the second chapter presents a technical report on fault diagnosis for turbo-generators, based on the mechanical-electrical intersectional characteristics. The third section contains a technical report that presents some techniques of detection and localization of open-circuit faults in a three-phase voltage source inverter fed induction motor. The fourth section presents a theoretical study on the application
of distributed discrete-time linear Kalman filtering with decentralized structure of sensors in fault residual generation.

⇒ Ausführliche Angaben: HT020309106

**Volosencu, Constantin: System Reliability**

English. Inhaltsliche Zusammenfassung: Researchers from the entire world write to figure out their newest results and to contribute new ideas or ways in the field of system reliability and maintenance. Their articles are grouped into four sections: reliability, reliability of electronic devices, power system reliability and feasibility and maintenance. The book is a valuable tool for professors, students and professionals, with its presentation of issues that may be taken as examples applicable to practical situations. Some examples defining the contents can be highlighted: system reliability analysis based on goal-oriented methodology; reliability design of water-dispensing systems; reliability evaluation of drivetrains for off-highway machines; extending the useful life of asset; network reliability for faster feasibility decision; analysis of standard reliability parameters of technical systems parts; cannibalisation for improving system reliability; mathematical study on the multiple temperature operational life testing procedure, for electronic industry; reliability prediction of smart maximum power point converter in photovoltaic applications; reliability of die interconnections used in plastic discrete power packages; the effects of mechanical and electrical straining on performances of conventional thick-film resistors; software and hardware development in the electric power system; electric interruptions and loss of supply in power systems; feasibility of autonomous hybrid AC/DC microgrid system; predictive modelling of emergency services in electric power distribution systems; web-based decision-support system in the electric power distribution system; preventive maintenance of a repairable equipment operating in severe environment; and others.

⇒ Ausführliche Angaben: HT020308529

**Volpe, Giorgio: We, the Elite. Storia dellettismo negli Stati Uniti dal 1920 al 1956**

ita. Inhaltsliche Zusammenfassung: This volume deals with the problem of the reception of elitism in the United States in the period between 1920 and 1956, identifying the protagonists, the phases, and the themes that characterized it. After introducing the fundamental principles of the theory of the elites, the first part of the study reconstructs the debate that it aroused beyond the Atlantic. The second part examines the original American reworking of the elitist lesson, concentrating the analysis on the works of the authors most strongly influenced by it: Joseph A. Schumpeter, Harold D. Lasswell, Charles W. Mills. In this way, the study aims to show how Italian elitism contributed in a meaningful way to the elaboration of democratic pluralism and the construction of American political-cultural hegemony in the second post-war period.

⇒ Ausführliche Angaben: HT020307452

**von den Hoff, Ralf / Falkenhayner, Nicole / Brink, Cornelia: Helden müssen sterben**

de. Inhaltsliche Zusammenfassung: Heroes have to die because they are human. Their death, however, may vary in its relevance to their status as heroic figures. In Greek antiquity, death is the prerequisite for heroisation; expecting to continue their existence in the afterlife, martyrs sacrifice their lives in acts of killing that are often taken to the extreme; the war hero follows the call to commit his life to a greater good, without death being the necessary goal. Based on examples from the time between antiquity and the present age, the contributions to this book show from an interdisciplinary perspective how heroic action, dying, and death are respectively related to each other and how the representations of heroic dying mediate between heroes and their audience. The essays discuss questions such as: How do heroic figures die? What role does violence play in the process? How is the hero’s death presented

⇒ Ausführliche Angaben: HT020307597

von den Hoff, Ralf / Leonhard, Jörn / Heinzer, Felix: Sakralität und Heldentum

⇒ Ausführliche Angaben: HT020307606

Vrana, Branislav / Derco, Jan: Biosorption
English. Inhaltliche Zusammenfassung: Municipal and industrial wastewaters contain a wide spectrum of pollutants. Their effective removal presents a challenge for water treatment technology. Biosorption of nutrients and pollutants has been used in sewage treatment since the discovery of the activated sludge process. It is a passive uptake process by which pollutants are adsorbed on the surface of cell walls and/or dissolved in structures of microorganism cells that are present in sludge. Sorbed pollutants remain in the sludge and can be potentially released back into the environment depending on their condition and the reversibility of the pollutant-sludge interaction. An overview of typical biosorption applications for the removal of nutrients, organic pollutants, and metals in wastewater treatment is provided in different areas of their use for the protection of aquatic ecosystems and human health. This book will be of interest to operators of wastewater treatment plants and sludge treatment and disposal facilities as well as to researchers and university students in the field of environmental engineering.

⇒ Ausführliche Angaben: HT020308856

Vries, Jan de: Frühhistorische Literaturformen. Die heidnische Periode. Die Zeit der Bekehrung bis zum Jahre 1100
German.

⇒ Ausführliche Angaben: HT020309945

Vveinhardt, Jolita: Congruence of Personal and Organizational Values
English. Inhaltliche Zusammenfassung: Perceived importance of personal and organizational values congruence in the management of organizations have actualized this phenomenon in both theory and practice. Researchers continuously show positive impact of personal and organizational values congruence on employees? behavior, attitudes, organizational climate and organizational performance. Management of organizations are also seeking to apply the solutions to eliminate the gap between organizational and employees values. However, arising scientific and practical problems requires to purify the factors that determine values congruence. This challenges for a search of complex and consistent understanding of this phenomenon: from theory to practice. This book aims to provide the reader with a comprehensive overview of the personal and organizational values congruence phenomenon, featuring the most important critical issues regarding the exposure, diagnosis and strengthening of congruence of personal and organizational values.

⇒ Ausführliche Angaben: HT020308498
Vveinhardt, Jolita: Organizational Culture
English. Inhaltliche Zusammenfassung: It is stated that the concept of organizational culture reveals that the behavior of people in organizations is highly influenced by the established attitudes and values of their members, and objective characteristics of organizational culture are everything that exists regardless of its members thoughts. A lot of researchers of organizational culture continue to look for answers about these relationships. Thus, organizational culture is a phenomenon that constantly receives both researchers and practitioners attention. This book supplies the reader with a comprehensive overview of the latest results of studies carried out by scientists from different countries. A lot of attention is given to role of national cultures, organizational culture as a determinant of competitiveness, organizational structures, model of culture for innovation, transformational leadership, leadership competencies, project activity et cetera.
⇒ Ausführliche Angaben: HT020309126

Vynnycky, Michael: Continuous Casting
2019. 1 electronic resource (250 pages). ISBN 9783039213214, ISBN 9783039213221 eng. Inhaltliche Zusammenfassung: Continuous casting is an industrial process whereby molten metal is solidified into a semi-finished billet, bloom, or slab for subsequent rolling in finishing mills; it is the most frequently used process to cast not only steel, but also aluminium and copper alloys. Since its widespread introduction for steel in the 1950s, it has evolved to achieve improved yield, quality, productivity and cost efficiency. It allows lower-cost production of metal sections with better quality, due to the inherently lower costs of continuous, standardized production of a product, as well as providing increased control over the process through automation. Nevertheless, challenges remain and new ones appear, as ways are sought to minimize casting defects and to cast alloys that could originally only be cast via other means. This Special Issue of the journal Metals consists of 14 research articles that cover many aspects of experimental work and theoretical modelling related to the ongoing development of continuous casting processes.
⇒ Ausführliche Angaben: HT020307425

Waarden, Frans van / Lembruch, Gerhard: Renegotiating the Welfare State
English. Inhaltliche Zusammenfassung: Why have some countries have been more successful in welfare state reform than others? This book examines the experiences of various countries in reforming their welfare states through renegotiations between the state and peak associations of employers and employees. This corporatist concertation has been blamed for bringing about all the ills of the welfare state, but lately corporate institutions have learned from their bad performances, modified their structures and style of operation, and assumed responsibility for welfare state reform. Consensual bargaining is back on the agenda of both policy makers and of social science. This topical volume with its internationally respected panel of contributors will appeal to all those interested in the welfare state and labour relations. It includes chapters focusing on the Netherlands, Austria, Sweden, Denmark, Germany, Switzerland and Ireland as well as a section looking at the role of corporatist concertation in the European Union.
⇒ Ausführliche Angaben: HT020310156

Wachter, Karl von: Krieg und Geist. Das Mißtrauen in den Geist als Ursache unseres militärischen Versagens zu Beginn des Weltkrieges
1927. 1 electronic resource (139 pages). ISBN 9783486754728
German.
⇒ Ausführliche Angaben: HT020310041

Wacker, Jani / Rönkkö, Jaakko / Kihn, Lili-Anne: Talous, sääntely, ohjaus
Finnish. Inhaltliche Zusammenfassung: This edited book (Finance, Regulation, Steering - Current Topics of Audit and Control) provides original research about various current auditing and evaluation topics. Over the past decade, the field of auditing has experienced substantial changes. The articles cover, for instance, such topics as audit quality and price of auditing, performance of internal auditing, XBRL and the debt costs, risk management in local governments and ownership steering of government-owned-enterprises. This book will be of value to practitioners, students and academics interested in contemporary aspects of external and internal auditing, evaluation and oversight of service providers and evaluation.

⇒ Ausführliche Angaben: HT020310390

Wackernagel, Wolfgang / Vannier, Marie-Anne / Todoroff, Boris: Mystique
French. Inhaltliche Zusammenfassung: La mystique, qui est recherche d’une union intime entre l’homme et Dieu, puise notamment ses racines dans le courant néoplatonicien de l’union à l’Un. Nous suivrons ici le fil du néoplatonisme, tel qu’il s’est manifesté dans l’Empire romain tardif à partir de Plotin jusqu’à Proclus, envisageant ensuite la manière dont il a irrigué l’ensemble de la mystique chrétienne, lui donnant ses structures de pensée et d’expérience. L’ouvrage, qui s’ouvre par des considérations générales sur l’expérience mystique, s’achève, après la volumineuse partie sur la mystique en Occident, par quelques perspectives comparatistes sur l’islam, l’Inde et la Chine.

⇒ Ausführliche Angaben: HT020309771

Wackernagel, Wolfgang / Verdeyen, P. Paul / Vannier, Marie-Anne: Maître Eckhart et Jan van Ruusbroec

⇒ Ausführliche Angaben: HT020309765

Waddell, Eric / Connell, John: Environment, Development and Change in Rural Asia-Pacific
English. Inhaltliche Zusammenfassung: This volume examines the economic, political, social and environmental challenges facing rural communities in the Asia-Pacific region, as global issues intersect with local contexts. Such challenges, from climatic change and volcanic eruption to population growth and violent civil unrest, have stimulated local resilience amongst communities and led to evolving regional institutions and environment management practices, changing social relationships and producing new forms of stratification. Bringing together case studies from across mainland Southeast Asia and the Island Pacific, an expert team of international contributors reveal how communities at the periphery take charge of their lives, champion the virtues of their own local systems of production and consumption, and engage in the complexities of new structures of development that demand a response to the vacillations of global politics, economy and society. Inherent in this is the recognition that development as we have come to know it is far from over. Each chapter emphasizes the growing recognition that ecological and environmental issues are key to any understanding and analysis of structures of sustainable development. Providing diverse multidisciplinary theoretical and empirical perspectives, Environment, Development and Change in Rural Asia-Pacific makes an important contribution to the revitalization of development studies and as such will be essential reading for scholars in the field, as well as those with an interest in Asia-Pacific studies, economic geography and political economy.

⇒ Ausführliche Angaben: HT020310263
Waddell, James P.: *The Role of Osteotomy in the Correction of Congenital and Acquired Disorders of the Skeleton*  
English. Inhaltliche Zusammenfassung: This book demonstrates specific osteotomy techniques from the skull to the hallux. The role of osteotomy in the correction of deformity is under appreciated in part because of the ubiquitous nature of joint replacement surgery. It should be remembered, however, that osteotomy has a role to play in the correction of deformity in the growing child, the active young adult, and patients of any age with post-traumatic deformity limiting function and enjoyment of life. In this text we bring you a number of papers defining specific problems for which osteotomy is found to be an effective and lasting solution. I hope you find it useful.  
⇒ Ausführliche Angaben: HT020309575

Wadsack, Ronald / Wach, Gabriele: *Digitale Disruption und Sportmanagement*  
Ronald Wadsack, Gabriele Wach HerausgeberIn. (Blickpunkt Sportmanagement | Band 6)  
⇒ Ein Medium  
- Freihand:  
⇒ DDC (Dewey Decimal Classification):  
  - 330DNB 330DNB  
⇒ DDC (Dewey Decimal Classification):  
  - 33023sdb 33023sdb  
⇒ Ausführliche Angaben: HT020293736

Waerzeggers, Caroline / Stökl, Jonathan: *Exile and Return, The Babylonian Context*  
English. Inhaltliche Zusammenfassung: This collection of essays explores new ways of understanding the Babylonian Exile and the return to Yehud and#8211 a formative period in ancient Judaism. Drawing among others on new materials from cuneiform texts, the contributions study how Judean and other exiles interacted with the host society and vice versa, the way in which various biblical books reflect Babylonian culture, and the return migration to Jerusalem.  
⇒ Ausführliche Angaben: HT020307650

Wagner, Ricarda / Lieb, Ludger / Neufeld, Christine: *Writing Beyond Pen and Parchment. Inscribed Objects in Medieval European Literature*  
English. Inhaltliche Zusammenfassung: What can stories of magical engraved rings or prophetic inscriptions on walls tell us about how writing was perceived before print transformed the world? Writing beyond Pen and Parchment introduces readers to a Middle Ages where writing is not confined to manuscripts but is inscribed in the broader material world, in textiles and tombs, on weapons or human skin. Drawing on the work done at the Collaborative Research Centre "Material Text Cultures," (SFB 933) this volume presents a comparative overview of how and where text-bearing artefacts appear in medieval German, Old Norse, British, French, Italian and Iberian literary traditions, and also traces the paths inscribed objects chart across multiple linguistic and cultural traditions. The volume’s focus on the raw materials and practices that shaped artefacts both mundane or fantastical in medieval narratives offers a fresh perspective on the medieval world that takes seriously the vibrancy of matter as a vital aspect of textual culture often overlooked.  
⇒ Ausführliche Angaben: HT020309966

Wahaia, Faustino: *Ellipsometry - Principles and Techniques for Materials Characterization*
Ellipsometry is rapidly emerging as a popular solution addressed to new materials science challenges and technological pitfalls hindering its effective application on modern problems. Amid the nowadays active development of materials of top notch, ellipsometry is also evolving rapidly both in the academic and industry sectors. The global industry strategies, introduce the latest scientific advances at manufacturing new, more accurate, and reliable ellipsometry systems to tackle emerging challenges. The book provides a comprehensive overview on the principles and technical capabilities of the modern ellipsometry highlighting its versatility in materials characterization.

Waisundara, Viduranga: Biochemistry and Health Benefits of Fatty Acids
English. Inhaltliche Zusammenfassung: Fatty acids are considered as a very important category of chemical compounds to human health as well as from an industrial perspective. This book intends to provide an update on fatty acid research, their methods of detection, quantification, and related diseases such as cardiovascular disease and diabetes. Cyclic fatty acids are also covered, along with short chain fatty acids, which are important to the human gut microbiota. Fatty acids are important in the chemical structure of the cell membrane and its pivotal role in this aspect is reviewed herein. The book also contains a chapter that deals with some unpublished molecular aspects concerning the roles of fatty acids in depression and bipolar disorder. All in all, the book provides a brief overview of both highly explored as well as overlooked perspectives of fatty acids, while highlighting its significance as a biochemical molecule, which is imperative to the livelihood of unicellular and multi-cellular organisms alike.

Waisundara, Viduranga: Cassava
English. Inhaltliche Zusammenfassung: Cassava is a staple food for many nations owing to its resilience for growth under various climatic conditions. It is a good source of carbohydrates and is the third largest source of food carbohydrates in the tropics, after rice and maize. This book focuses on the morphological traits and nutritive properties of cassava and its production processes, postharvest techniques and diseases that affect the growth of the crop. Given its extensive usage and market value, it is one of the agricultural produces for which many biotechnological interventions have been applied for ascertaining food security. It is hoped that readers will gain knowledge on cassava as well as use some of the techniques mentioned herein for improvement of the production of the crop.

Waisundara, Viduranga: Diabetes Food Plan
English. Inhaltliche Zusammenfassung: Diabetes is a global pandemic where many remedies have been recommended as means of combating the prevalence of this disease. However, dietary control appears to be more effective than others. This book focuses on interventions concerning glycemic control, the oxidative stress-based occurrence of the disease and its prevention, as well as novel remedies. While many books have been published recently on this aspect, the book aims to serve as an update to the scientific community, as well as to those who have been adversely affected by the disease. There are many unexplored territories when it comes to diabetes, and it is hoped that this publication will open up new avenues of successfully curbing its occurrence.

Waisundara, Viduranga: Palm Oil
English. Inhaltliche Zusammenfassung: Palm oil production is one of the most developed and
noteworthy industries in the world, leading to rapid economic growth in countries where the industry has been established. Currently, palm oil is the world's leader in the vegetable oil industry with a yearly production and consumption of approximately 45.3 million tons, which almost covers 60% of the global trade of vegetable oils in the international market. Along these lines, it is expected that the global demand for palm oil will be doubled by 2020. The book focuses on various aspects of palm oil production, primarily, the environmental aspects, its application as an animal feed, chemical and nutritional properties of the oil, and technical aspects of enhancing the efficacy of production.

⇒ Ausführliche Angaben: HT020308844

Waisundara, Viduranga / Shiomi, Naofumi: Superfood and Functional Food - An Overview of Their Processing and Utilization
English. Inhaltliche Zusammenfassung: This book focuses on the usage and application of plant- and animal-based food products with significant functional properties and health benefits as well as their development into processed food. Many chapters in this book contain overviews on superfood and functional food from South America. Details on the functional properties of apiculture products are also included herein. Additionally, an area that is not widely discussed in academia - pet food with functional properties - is also covered. It is hoped that this book will serve as a source of knowledge and information to make better choices in food consumption and alterations to dietary patterns. It is also recommended for readers to take a look at a related book, Superfood and Functional Food - The Development of Superfoods and Their Roles as Medicine.

⇒ Ausführliche Angaben: HT020309637

Waisundara, Viduranga / Shiomi, Naofumi: Superfood and Functional Food - The Development of Superfoods and Their Roles as Medicine
English. Inhaltliche Zusammenfassung: Superfoods and functional foods are receiving increasing attention because of their important roles in health. This book focuses on the production of superfoods and functional foods and their role as medicine. In the early chapters, prominent researchers introduce the roles and production of microalgae and functional fruits through metabolic engineering, the use of food waste, and effective cooking procedures. In the latter chapters, other prominent researchers introduce the medical effects of polyphenols, glutamine, and unsaturated fatty acids, which are contained in superfoods and functional foods. They suggest the importance of superfoods and functional foods in the treatment and prevention of many diseases. It is also recommended for readers to take a look at a related book, Superfood and Functional Food: An Overview of Their Processing and Utilization.

⇒ Ausführliche Angaben: HT020308158

Waites, Matthew / Lennox, Corinne: Human Rights, Sexual Orientation and Gender Identity in The Commonwealth
Englisch. Inhaltliche Zusammenfassung: Human rights in relation to sexual orientation and gender identity are at last reaching the heart of global debates. Yet 78 states worldwide continue to criminalise same-sex sexual behaviour, and due to the legal legacies of the British Empire, 42 of these - more than half - are in the Commonwealth of Nations. In recent years many states have seen the emergence of new sexual nationalisms, leading to increased enforcement of colonial sodomy laws against men, new criminalisations of sex between women and discrimination against transgender people. This book is the first to focus on experiences of lesbian, gay, bisexual, transgender and intersex (LGBTI) and all non-heterosexual people in the Commonwealth. The volume offers the most internationally extensive analysis to date of the global struggle for decriminalisation of same-sex sexual behaviour and relationships. The book includes: The first quantitative analysis of legal change related to sexual orientation and gender identity across all the Commonwealth.
**Waites, N. H. / Kerr, Miss A P / Kerr, A. P.: Contemporary France**
⇒ Ausführliche Angaben: HT020309729

**Waldhoff, Christian: Der positive und der negative Verfassungsvorbehalt**
⇒ Ausführliche Angaben: HT020310280

**Walkowski, Niels-Oliver: Beyond the Flow: Scholarly Publications During and After the Digital**
English. Inhaltliche Zusammenfassung: In the wake of the so-called digital revolution numerous attempts have been made to rethink and redesign what scholarly publications can or should be. Beyond the Flow examines the technologies as well as narratives driving this unfolding transformation. By unpacking the confusion, heterogeneity and uncertainty that is surrounding scholarly publishing today the book asks for how a sustainable post-digital publishing ecology can be imagined.
⇒ Ausführliche Angaben: HT020307576

**Walter, Robert: Hans Kelsens Rechtslehre**
⇒ Ausführliche Angaben: HT020310456

**Walton, Steve: Poverty in the Early Church and Today**
English. Inhaltliche Zusammenfassung: This innovative volume focuses on the significance of early Christianity for modern means of addressing poverty. The volume offers rigorous study of poverty and its alleviation in both earliest Christianity and today’s world. In this light, in seven major areas, an expert in early Christianity in its Jewish and Greco-Roman settings is
paired with an expert in modern strategies for addressing poverty and benefaction. They each address the same topic from their respective areas of expertise, and respond to each others essays. The chapters present the complex ways in which early Christian ideas and practices relate to modern ideas and practices and vice versa. The book addresses both continuities and discontinuities between the ancient world and today. As such the volume seeks to inform and engage church leaders, those working in NGOs concerned with poverty, and all interested in these crucial issues, both Christian and not.

⇒ Ausführliche Angaben: HT020310433

Wang, Chau-Chang: Laser Scanning, Theory and Applications
English. Inhaltsliche Zusammenfassung: Ever since the invention of laser by Schawlow and Townes in 1958, various innovative ideas of laser-based applications emerge very year. At the same time, scientists and engineers keep on improving lasers power density, size, and cost which patch up the gap between theories and implementations. More importantly, our everyday life is changed and influenced by lasers even though we may not be fully aware of its existence. For example, it is there in cross-continent phone calls, price tag scanning in supermarkets, pointers in the classrooms, printers in the offices, accurate metal cutting in machine shops, et cetera. In this volume, we focus the recent developments related to laser scanning, a very powerful technique used in features detection and measurement. We invited researchers who do fundamental works in laser scanning theories or apply the principles of laser scanning to tackle problems encountered in medicine, geodesic survey, biology and archaeology. Twenty-eight chapters contributed by authors around the world to constitute this comprehensive book.

⇒ Ausführliche Angaben: HT020307725

Wang, Enhua: Organic Rankine Cycle Technology for Heat Recovery
English. Inhaltsliche Zusammenfassung: This book on organic Rankine cycle technology presents nine chapters on research activities covering the wide range of current issues on the organic Rankine cycle. The first section deals with working fluid selection and component design. The second section is related to dynamic modeling, starting from internal combustion engines to industrial power plants. The third section discusses industrial applications of waste heat recovery, including internal combustion engines, LNG, and waste water. A comprehensive analysis of the technology and application of organic Rankine cycle systems is beyond the aim of the book. However, the content of this volume can be useful for scientists and students to broaden their knowledge of technologies and applications of organic Rankine cycle systems.

⇒ Ausführliche Angaben: HT020309099

Wang, Guanghui: Recent Advances in Robotic Systems
English. Inhaltsliche Zusammenfassung: This book brings together some recent advances and development in robotics. In 12 chapters, written by experts and researchers in respective fields, the book presents some up-to-date research ideas and findings in a wide range of robotics, including the design, modeling, control, learning, interaction, and navigation of robots. From an application perspective, the book covers UAVs, USVs, mobile robots, humanoid robots, graspers, and underwater robots. The unique text offers practical guidance to graduate students and researchers in research and applications in the field of robotics.

⇒ Ausführliche Angaben: HT020308040

Wang, Hao / Meng, Xianyong: Application of the China Meteorological Assimilation Driving Datasets for the SWAT Model (CMADS) in East Asia
eng. Inhaltsliche Zusammenfassung: To promote scientific understanding of surface processes in East Asia, we have published details of the CMADS dataset in the journal, Water, and
expect that users around the world will learn about CMADS datasets while promoting the development of hydrometeorological disciplines in East Asia. We hope and firmly believe that scientific development in East Asia and our understanding of this typical region will be further advanced.

⇒ Ausführliche Angaben: HT020307408

Wang, Jin: Novel Implications of Exosomes in Diagnosis and Treatment of Cancer and Infectious Diseases
English. Inhaltsliche Zusammenfassung: The aim of this book is to provide an overview of the importance of exosomes in the biomedical field, which involves in novel implications of exosomes in diagnosis and treatment of cancer and infectious diseases. The book would definitely be an ideal source of scientific information of exosomes to researchers and scientists involved in biomedicine, biology, and other areas involving cancer and infectious diseases.

⇒ Ausführliche Angaben: HT020308350

Wang, Jin-Yuan: Visible Light Communications
English. Inhaltsliche Zusammenfassung: Visible light communication (VLC) has drawn much attention recently. Compared to the traditional radio frequency wireless communications (RF-WC), VLC has many advantages, such as worldwide availability, high security, large bandwidth, immunity to radio frequency interference, and unlicensed spectrum. Due to its superiority, VLC has become a complementary solution to the overcrowded RFWC. This book intends to introduce the latest research progress in VLC, which covers the novel modulation techniques for VLC, the multiple input multiple output (MIMO) techniques for VLC, the collaborative communication techniques for VLC, and the practical applications of VLC. The book is a useful resource for researchers, engineers, scientists, and students interested in understanding and designing VLC systems.

⇒ Ausführliche Angaben: HT020308372

Wang, Jue / Bhowmick, Mithun / Banishev, Alexander A.: Optical Interferometry
English. Inhaltsliche Zusammenfassung: Optical methods of measurements are the most sensitive techniques of noncontact investigations, and at the same time, they are fast as well as accurate which increases reproducibility of observed results. In recent years, the importance of optical interferometry methods for research has dramatically increased, and applications range from precise surface testing to finding extrasolar planets. This book covers various aspects of optical interferometry including descriptions of novel apparatuses and methods, application interferometry for studying biological objects, surface qualities, materials characterization, and optical testing. The book includes a series of chapters in which experts share recent progress in interferometry through original research and literature reviews.

⇒ Ausführliche Angaben: HT020308154

Wang, Lichang: Molecular Dynamics - Theoretical Developments and Applications in Nanotechnology and Energy
English. Inhaltsliche Zusammenfassung: Molecular Dynamics is a two-volume compendium of the ever-growing applications of molecular dynamics simulations to solve a wider range of scientific and engineering challenges. The contents illustrate the rapid progress on molecular dynamics simulations in many fields of science and technology, such as nanotechnology, energy research, and biology, due to the advances of new dynamics theories and the extraordinary power of todays computers. This first book begins with a general description of underlying theories of molecular dynamics simulations and provides extensive coverage of molecular dynamics simulations in nanotechnology and energy. Coverage of this book includes: Recent advances of molecular dynamics theory Formation and evolution of nanoparticles of up to 106 atoms Diffusion and dissociation of gas and liquid molecules on silicon, metal, or
metal organic frameworks Conductivity of ionic species in solid oxides Ion solvation in liquid mixtures Nuclear structures.
⇒ Ausführliche Angaben: HT020309574

Wang, Michael: Lithography
English. Inhaltliche Zusammenfassung: Lithography, the fundamental fabrication process of semiconductor devices, plays a critical role in micro- and nano-fabrications and the revolution in high density integrated circuits. This book is the result of inspirations and contributions from many researchers worldwide. Although the inclusion of the book chapters may not be a complete representation of all lithographic arts, it does represent a good collection of contributions in this field. We hope readers will enjoy reading the book as much as we have enjoyed bringing it together. We would like to thank all contributors and authors of this book.
⇒ Ausführliche Angaben: HT020309539

Wang, Tang-Chuan: Challenging Issues on Paranasal Sinuses
English. Inhaltliche Zusammenfassung: Management of paranasal sinus disorders is not only a test of knowledge but it is also an art form. Great progress has been made on endoscopic sinus surgery in recent decades and this technique lets us look into the remote corners of sinuses. However, we still have a lot of challenging issues. The only way to solve these problems is to face them. Based on these concepts, this book incorporates new clinical and research developments as well as future perspectives in the ever-expanding field of rhinology. The book is a comprehensive reference for ENT residents and practicing otolaryngologists who wish to expand their expertise, develop a broader armamentarium of techniques, and successfully manage their patients with sinonasal disorders.
⇒ Ausführliche Angaben: HT020309246

Wang, Ting / Wang, Ning: Immunization - Vaccine Adjuvant Delivery System and Strategies
English. Inhaltliche Zusammenfassung: Immunization plays a key role in maintaining human health and each year, saves millions of lives from lethal pathogens and other fatal diseases in the most economical way, thanks to the advanced development of model vaccines. Subunit vaccines are regarded as a safer product than the whole microbe based-conventional vaccines and can be entrapped in various nanocarriers to form a vaccine adjuvant-delivery system (VADS) able to further boost their immunostimulatory activity. In this book, six groups of authors introduce immunization advances in VADSs designed for infection prophylaxis and cancer immunotherapy, problems and their resolution in both human and poultry immunization, and also, the mathematical model for assay of the basic immunization problem (BIP) understood from a finance point of view.
⇒ Ausführliche Angaben: HT020309128

Wang, T.Y. / Achen, Christopher: The Taiwan Voter
English. Inhaltliche Zusammenfassung: The Taiwan Voter examines the critical role ethnic and national identities play in politics, utilizing the case of Taiwan. Although elections there often raise international tensions, and have led to military demonstrations by China, no scholarly books have examined how Taiwan’s voters make electoral choices in a dangerous environment. Critiquing the conventional interpretation of politics as an ideological battle between liberals and conservatives, The Taiwan Voter demonstrates in Taiwan the party system and voters’ responses are shaped by one powerful determinant of national identity—the China factor. Taiwan’s electoral politics draws international scholarly interest because of the prominent role of ethnic and national identification. While in most countries the many tangled strands of competing identities are daunting for scholarly analysis, in Taiwan the cleavages
are powerful and limited in number, so the logic of interrelationships among issues, partisanship, and identity are particularly clear. The Taiwan Voter unites experts to investigate the ways in which social identities, policy views, and partisan preferences intersect and influence each other. These novel findings have wide applicability to other countries, and will be of interest to a broad range of social scientists interested in identity politics.

Wang, Wen: Advances in Chemical Sensors
English. Inhaltsangabe: The chemical sensor plays an essential role in the fields of environmental conservation and monitoring, disaster and disease prevention, and industrial analysis. A typical chemical sensor is a device that transforms chemical information in a selective and reversible way, ranging from the concentration of a specific sample component to total composition analysis, into an analytically useful signal. Much research work has been performed to achieve a chemical sensor with such excellent qualities as quick response, low cost, small size, superior sensitivity, good reversibility and selectivity, and excellent detection limit. This book introduces the latest advances on chemical sensors. It consists of 15 chapters composed by the researchers active in the field of chemical sensors, and is divided into 5 sections according to the classification following the principles of signal transducer. This collection of up-to-date information and the latest research progress on chemical sensor will provide valuable references and learning materials for all those working in the field of chemical sensors.

Wang, Xinying / Thompson, Audie / Du, Hongbo: Osmotically Driven Membrane Processes - Approach, Development and Current Status
English. Inhaltsangabe: Osmotically driven membrane processes (ODMPs) including forward osmosis (FO) and pressure-retarded osmosis (PRO) have attracted increasing attention in fields such as water treatment, desalination, power generation, and life science. In contrast to pressure-driven membrane processes, e.g., reverse osmosis, which typically employs applied high pressure as driving force, ODMPs take advantages of naturally generated osmotic pressure as the sole source of driving force. In light of this, ODMPs possess many advantages over pressure-driven membrane processes. The advantages include low energy consumption, ease of equipment maintenance, low capital investment, high salt rejection, and high water flux. In the past decade, over 300 academic papers on ODMPs have been published in a variety of application fields. The number of such publications is still rapidly growing. The ODMPs approach, fabrications, recent development and applications in wastewater treatment, power generation, seawater desalination, and gas absorption are presented in this book.

Wang, Xinyuan / Venkatraman, Shiram / Spyer, Juliano: Como o Mundo Mudou as Mídias Sociais
Portuguese. Inhaltsangabe: How the World Has Changed Social Media is the first book by Why We Post, a book series that investigates the findings of nine anthropologists who have spent 15 months living in communities in different parts of the world, including Brazil, Chile, China, England, India, Italy, Trinidad and Turkey. This book offers a comparative analysis that summarizes research findings and analysis of the impact of social media on politics and gender, education, and commerce. What is the result of the increased emphasis on visual communication? Are we becoming more individualistic or more social? Why is public social media so conservative? Why can't equality on the internet nullify inequality? How did memes become the moral police of the internet?
Waniganayake, Manjula / Strehmel, Petra / Rodd, Jillian: Leadership in Early Education in Times of Change
English. Inhaltliche Zusammenfassung: The collection brings together the latest work of researchers from Australia, Africa, Asia, and Europe focusing on early childhood leadership matters. It covers different aspects of leadership in early education: professional education and development, identity and leadership strategies as well as governance and leadership under different frame conditions.
⇒ Ausführliche Angaben: HT020310472

Wanquet, Claude / Starbuck, Nicole / Sankey, Margaret: Portés par lair du temps
⇒ Ausführliche Angaben: HT020309791

Wark, Scott / Whyman, Tom / Wark, McKenzie: Post Memes
English. Inhaltliche Zusammenfassung: Art-form, send-up, farce, ironic disarticulation, pastiche, propaganda, trololololol, mode of critique, mode of production, means of politicisation, even of subjectivation – memes are the inner currency of the internet’s circulatory system. Independent of any one set value, memes are famously the mode of conveyance for the alt-right, the irony left, and the apoliticos alike, and they are impervious to many economic valuations: the attempts made in co-opting their discourse in advertising and big business have made little headway, and have usually been derailed by retaliative meming. Post-Memes: Seizing the Memes of Production takes advantage of the meme’s subversive adaptability and ripeness for a focused, in-depth study. Pulling together the interrogative forces of a raft of thinkers at the forefront of tech theory and media dissection, this collection of essays paves a way to articulating the semiotic fabric of the early 21st century’s most prevalent means of content posting, and aims at the very seizing of the memes of production for the imagining and creation of new political horizons. With contributions from Scott and McKenzie Wark, Patricia Reed, Jay Owens, Thomas Hobson and Kaajal Modi, Dominic Pettman, Bogna M. Konior, and Eric Wilson, among others, this essay volume offers the freshest approaches available in the field of memes studies and inaugurates a new kind of writing about the newest manifestations of the written online. The book aims to become the go-to resource for all students and scholars of memes, and will be of the utmost interest to anyone interested in the internet’s most viral phenomenon.
⇒ Ausführliche Angaben: HT020310408

Watts, Mike / Bentley, Di: Communicating In School Science
⇒ Ausführliche Angaben: HT020310288

Waugh, Phyllis / Wahab, Amar / Ursel, Susan: Envisioning Global LGBT Human Rights: (Neo)colonialism, Neoliberalism, Resistance and Hope
Envisioning Global LGBT Human Rights: (Neo)colonialism, Neoliberalism, Resistance and Hope is an outcome of a five-year international collaboration among partners that share a common legacy of British colonial laws that criminalise same-sex intimacy and gender identity/expression. The project sought to facilitate learning from each other and to create outcomes that would advance knowledge and social justice. The project was unique, combining research and writing with participatory documentary filmmaking. This visionary politics infuses the pages of the anthology. The chapters are bursting with invaluable first hand insights from leading activists at the forefront of some of the most fiercely fought battlegrounds of contemporary sexual politics in India, the Caribbean and Africa. As well, authors from Canada, Botswana and Kenya examine key turning points in the advancement of SOGI issues at the United Nations, and provide critical insights on LGBT asylum in Canada. Authors also speak to a need to reorient and decolonise queer studies, and turn a critical gaze northwards from the Global South. It is a book for activists and academics in a range of disciplines from postcolonial and sexualities studies to filmmaking, as well as for policy-makers and practitioners committed to envisioning, and working for, a better future. Customers in the USA and Canada can purchase the book from here: https://bit.ly/2KBk0V2.

Wayens, Benjamin / Van Hamme, Gilles / Vandermotten, Christian: Le développement durable des territoires
French. Inhaltliche Zusammenfassung: Longtemps, l’aménagement du territoire a procédé d’une démarche fonctionnaliste, organisant une consommation accrue d’espace. La démarche environnementaliste se cantonnait quant à elle dans une approche défensive et naturaliste. Les citoyens s’en saisissaient parfois comme outil de défense de leur cadre de vie. Aujourd’hui, les démarches de l’aménagement du territoire et de la gestion de l’environnement ont tendance à s’intégrer, dans un contexte de développement durable. Ceci impose une démarche transversale, inscrite dans les territoires. Une attention accrue est portée, du moins dans le discours, aux acteurs, à leur participation, au développement endogène, au respect du principe de précaution. Il faut toutefois se garder de considérer ces évolutions et le développement de visions plus stratégiques de l’aménagement du territoire comme la seule expression d’un renforcement de la démocratie participative. Elles peuvent tout autant résulter de formes de désengagement de l’État, d’exacerbation des concurrences entre villes et régions dans un contexte néo-libéral, d’une réduction des solidarités inter-régionales. Les attitudes des pouvoirs publics, jusqu’au niveau européen, sont parfois contradictoires, partagées entre un intérêt accru porté aux considérations environnementales et des logiques dominantes de marché et de concurrence. On comprendra que tenter d’aborder un champ aussi large impliquait une réflexion collective. Le présent ouvrage ébauche cette mise en œuvre en la matière au sein et autour de l’Institut de gestion de l’environnement et d’aménagement du territoire (IGEAT) de l’Université libre de Bruxelles.

Weber, Philipp / Otte, Ina / Haltaufderheide, Joschka: Raum und Würde

Webster, David: The Philosophy of Desire in the Buddhist Pali Canon
English. Inhaltliche Zusammenfassung: David Webster explores the notion of desire as found in the Buddhist Pali Canon. Beginning by addressing the idea of a paradox of desire, whereby we must desire to end desire, the varieties of desire that are articulated in the Pali texts are examined. A range of views of desire, as found in Western thought, are presented as well as Hindu and Jain approaches. An exploration of the concept of ditthi (view or opinion) is also provided, exploring the way in which holding views can be seen as analogous to the process of desiring. Other subjects investigated include the mind-body relationship, the range of Pali terms for desire, and desires positive spiritual value. A comparative exploration of the various approaches completes the work.

⇒ Ausführliche Angaben: HT020310093

Weeda, Leendert: Horace's Sermones Book 1. Credentials for Maecenas

English. Inhaltliche Zusammenfassung: This monograph interprets Sermones book 1 as a collection of Horaces credentials for Maecenas and traces his efforts in getting accepted as an associate of the latter after his miscalculation in joining Brutus. Although Horace regularly reflects on his poetic orientation and standards of good poetry, his primary objective was his self-presentation. The volume also examines his commentary on contemporary socio-political themes.

⇒ Ausführliche Angaben: HT0203099965

Weerts, Laurence / Wasmer, Étienne / Telò, Mario: Le nouveau modèle européen. Volume 2

French|English. Inhaltliche Zusammenfassung: La “ méthode Monnet ” de construction européenne serait-elle en voie de sépuiser ? De nombreux indices le donnent à penser. Après lachèvement du marché intérieur, et face aux défis que constituent la fin de la guerre froide, la mondialisation et lélargissement, lUnion européenne est en quête dune nouvelle méthode d'intégration. Les grandes politiques lancées par les traités de Maastricht et Amsterdam (Union économique et monétaire, politique étrangère, sécurité intérieure, politiques sociales) reposent de plus en plus sur une " coopération ouverte " entre gouvernements, où les institutions communautaires peinent à trouver leurs marques. Élargie dans sa taille et dans ses objectifs, lUnion se repose davantage, pour la conception et la mise en oeuvre de ses politiques, sur les gouvernements nationaux et les entités régionales. Le temps des grands engagements semble, lui aussi, révolu. Les conférences intergouvernementales se succèdent désormais à un rythme soutenu, davantage pour corriger les traités que pour lancer de nouveaux projets de grande ampleur. La construction de l'Europe connaît ainsi une " grande transformation ", qui impose de réfléchir au nouveau modèle qui se dessine, à la fois plus ambitieux dans ses objectifs et plus modeste dans ses moyens, plus large dans son étendue géographique et plus décentralisé. Le second volume de cette étude est consacré aux politiques internes et externes de lUnion. Les auteurs y analysent les mutations profondes du modèle socio-économique dues au passage de lapproche redistributive à lapproche régulatrice. Ils soulèvent aussi les dilemmes et les options de lidentité extérieure de lUnion, dont lévolution se trouve à un tournant. Derrière ces transformations, ce sont les questions de la politisation et de la " nouvelle identité " de l'Europe qui se trouvent posées.

⇒ Ausführliche Angaben: HT020309744

Wegner, Lars: Lehrkraft-Eltern-Interaktionen am Elternsprechtag. Eine gesprächs- und gattungsanalytische Untersuchung

German. Inhaltliche Zusammenfassung: This study uses a corpus of authentic language data to examine the linguistic and communicative practices whereby participants develop the social institutional reality of the parent-teacher conference. The focus is on a linguistic analysis of the conversational acts that constitute the genre: informing, counseling, and assigning responsibility.

⇒ Ausführliche Angaben: HT020309928
Weich, Andreas / Degeling, Martin / Othmer, Julius: Profile: Interdisziplinäre Beiträge
⇒ Ausführliche Angaben: HT020310444

Weinberg, Graham: Topics in Radar Signal Processing
English. Inhaltliche Zusammenfassung: Radar has been an important topic since its introduction, in a military context, during World War II. Due to advances in technology, it has been necessary to refine the algorithms employed within the signal processing architecture. Hence, this book provides a series of chapters examining some topics in modern radar signal processing. These include synthetic aperture radar, multiple-input multiple-output radar, as well as a series of chapters examining other key issues relevant to the central theme of the book.
⇒ Ausführliche Angaben: HT020308702

Weinberger, Yehudith / Libman, Zipora: Contemporary Pedagogies in Teacher Education and Development
English. Inhaltliche Zusammenfassung: As with most dynamic activities that are based on social and cultural contexts and rely on interactions, education is a complex and often ambiguous endeavor. Despite this complexity, scholars and educators are often required to find ways of defining and explaining what good teaching is and to incorporate these conclusions into teacher education. This book contains eight scholarly articles from various countries around the world and offers unique and up-to-date perspectives on relevant practices and pedagogies for teachers professional education and development. In this international book, it is argued that there is a significant inspiration and enrichment to be gained by investigating the policies and practices of teacher education systems from all over the world.
⇒ Ausführliche Angaben: HT020308917

Weis, Monique: Les Pays-Bas espagnols et les États du Saint Empire (1559-1579)
French. Inhaltliche Zusammenfassung: La diplomatie remplit une mission déterminante de légitimation au service du pouvoir: voilà une déclaration qui ferait sourire plus d’un de nos contemporains... L’histoire de la diplomatie entre les Pays-Bas et les États du Saint Empire témoigne de l’existence d’un discours idéologique adapté aux circonstances, principalement en temps de troubles. De volumineuses correspondances diplomatiques s’échangent au 16e siècle entre Madrid, Bruxelles et les princes territoriaux des Allemagnes, ce “triangle diplomatique” dont les fondements sont définis et les acteurs passés en revue. Les “lettres de courtoisie” visent à préserver les rapports de bon voisinage, de même que les échanges de nouvelles, d’une importance primordiale à cette époque de grande insécurité.-.
⇒ Ausführliche Angaben: HT020309759

Weiss, Richard S.: The Emergence of Modern Hinduism
English. Inhaltliche Zusammenfassung: The Emergence of Modern Hinduism argues for the
importance of regional, vernacular innovation in processes of Hindu modernization. Scholars usually trace the emergence of modern Hinduism to cosmopolitan reform movements, highlighting the centrality of elite religion and the influence of Western ideas and models. This book proposes, instead, that important projects of modernity were pursued on the colonial margins, by actors deeply embedded in tradition and deploying all its resources as the key means for change, using texts and languages not associated with centralized power or national or global discourses. It focuses on one such figure, the Tamil Shaiva poet and mystic Ramalinga Swami (1823-1874). Ramalinga emphasized the continuities of tradition, new revelation, the possibility of the miraculous, and an ethics of inclusion that challenged caste and class boundaries. His vision provided a counterpoint to reform Hinduism, yet his projects were no less modern than their cosmopolitan counterparts. By including Ramalinga, and figures like him, in historical accounts of religious modernization, we can develop new ways of thinking about modern Hinduism that more accurately reflect its diverse ways of being modern. The book thus effects a fundamental shift in the way we conceptualize the emergence of modern religion, as well as the concept of the "modern" itself, in South Asia and beyond.

⇒ Ausführliche Angaben: HT020307553

**Wennerhag, Magnus / Wahlström, Mattias / Peterson, Abby: Pride Parades and LGBT Movements**


English. Inhaltsliche Zusammenfassung: The Open Access version of this book, available at http://www.tandfebooks.com/doi/view/10.4324/9781315474052, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license Today, Pride parades are staged in countries and localities across the globe, providing the most visible manifestations of lesbian, gay, bisexual, trans, queer and intersex movements and politics. Pride Parades and LGBT Movements contributes to a better understanding of LGBT protest dynamics through a comparative study of eleven Pride parades in seven European countries—Czech Republic, Italy, Netherlands, Poland, Sweden, Switzerland, the UK—Mexico. Peterson, Wahlström and Wennerhag uncover the dynamics producing similarities and differences between Pride parades, using unique data from surveys of Pride participants and qualitative interviews with parade organizers and key LGBT activists. In addition to outlining the histories of Pride in the respective countries, the authors explore how the different political and cultural contexts influence: Who participates, in terms of sociodemographic characteristics and political orientations; what Pride parades mean for their participants; how participants were mobilized; how Pride organizers relate to allies and what strategies they employ for their performances of Pride. This book will be of interest to political scientists and sociologists with an interest in LGBT studies, social movements, comparative politics and political behavior and participation.

⇒ Ausführliche Angaben: HT020310163

**Werner, Karel: A Popular Dictionary of Hinduism**


English. Inhaltsliche Zusammenfassung: A multi-purpose reference work which should become an indispensable companion for anybody who comes into touch with Hinduism. Includes a dictionary of Sanskrit and vernacular terms; a glossary of terms and concepts; and a survey of the historical development of Hinduism.

⇒ Ausführliche Angaben: HT020310318

**Wernicke, Luciano: 185 unglaubliche Geschichten aus der Welt des Fußballs**


⇒ Ein Medium

⇒ Freihand:

⇒ DDC (Dewey Decimal Classification):
Weyland, Ulrike / Frommberger, Dietmar / Wittmann, Eveline: Jahrbuch der berufs- und wirtschaftspädagogischen Forschung 2019

⇒ Ausführliche Angaben: HT020312305

White, Paul / Hall, Ray: Europes Population

⇒ Ausführliche Angaben: HT020310483

Whitehead, Christopher / Bozoglu, Gönül / Daugbjerg, Mads: Chapter 4 Reversion and reprisal
English. Inhaltliche Zusammenfassung: As noted by Pierre Nora (1989, pages 17), ‘no-one knows what the past will bemade of next’. While this is indeed so, it is also the case that the past will surelybe ‘made’ somehow. In this chapter, we take a look at those makings and the ubiquitous desire to recreate what once was that arguably undergirds almost any heritage practice.

⇒ Ausführliche Angaben: HT020310257

Whittaker, Susan / Gallacher, Jim / Edwards, Richard: Learning Outside the Academy
English. Inhaltliche Zusammenfassung: This book weaves together different strands of research in the area of lifelong learning that concentrates particularly on learning in alternative settings and ways, such experiential learning and informal and community learning. Drawing upon international research, the book examines how these strands of research can contribute to each other. The contributions to this book are based on material presented at a conference at the Centre for Research in Lifelong Learning, UK, and they focus on research into key issues of policy and practice in lifelong learning. Establishing a wider framework for debate about the meaning and significance of lifelong learning, this timely and thought-provoking book provides practitioners in the field with a relevant and current discussion on some very important ideas about non-formal education.

⇒ Ausführliche Angaben: HT020310205

Whizar-Lugo, Víctor M.: Anesthesia Topics for Plastic and Reconstructive Surgery
English. Inhaltliche Zusammenfassung: Plastic and reconstructive surgery has evolved over the last two decades, with advances in anesthesiology, pharmacology, perioperative medicine, and novel monitoring devices contributing significantly to these patients being able to recover and live safely. Patients with chronic pathologies such as diabetes, hypertension, heart disease, obesity, chronic obstructive pulmonary disease, congenital or trauma injuries, changes due to excessive weight loss and others, as well as patient-tourists who have traveled enormous distances are now able to receive cosmetic and reconstructive surgeries that in the past were rejected. The authors of this book also discuss various contemporary topics of anesthesia for plastic and reconstructive surgery that are especially interesting and controversial due to the latest developments on this subject.

⇒ Ausführliche Angaben: HT020309312

Whyman, Philip / Burkitt, Brian / Baimbridge, Mark: Implications of the Euro
English. Inhaltliche Zusammenfassung: To date, critical analysis of the EMU project has largely been advanced from the centre-right spectrum of British politics. Comparable questions from the centre-left have failed to find a coherent voice. Although, the European fault-line cannot be characterized as a neat Left-Right issue there are noticeable divisions in opinion across British business, the trade union movement and within the Labour Party. Offering a unique insight into this key debate from the ‘centre-left’, eurosceptic viewpoint, this book provides a rigorous analysis of all the salient economic and political issues of concern, such as: * the economics of a single currency * employment and social implications * sovereignty * political determination. The arguments presented in this volume highlight the emergence of a coherent alternative to deepening economic integration as a platform to build a just and equitable society. Contributions are drawn from leading academics, trade union leaders and prominent politicians, both from the Labour Party and the wider progressive Left in British politics. This informative and thought provoking book will be indispensable reading for students and practitioners in economics, politics and international relations, as well as those interested in this highly contentious topic.

⇒ Ausführliche Angaben: HT020310231

Wiatr, Jerzy J. / Seiler, Daniel-Louis / Villalba, Bruno: Social Democracy in Europe
English. Inhaltliche Zusammenfassung: Socialist and Social Democratic parties leave few political observers and citizens indifferent. For several years, a certain number of actors on the political scene have presented it as a political family in crisis, lacking in imagination and dynamism, incapable of renewal and doomed to fade into insignificance. Others, on the contrary, describe it as a grouping with a promising, even brilliant future. This book does not set out to confirm either of those two visions. Its aim is to analyse in-depth the transformations which are affecting, at the current time, the different aspects of Social Democracy: new organisational models, changes in political and electoral performance, changing relations with the trade unions and civil society associations, reactions to the emergence of new political rivals and new values, new ideological trends and political programmes, et cetera. For the first time, the analysis does not concern exclusively Western Europe, but also deals with the Social Democratic parties of the consolidated democracies and the organisations that claim to be part of democratic socialism in Central and Eastern Europe, and highlights the specific characteristics and points in common. At the dawn of the 21st century, it is therefore the challenges and the different responses to those challenges that are analysed by several of the leading European specialists in Social Democratic parties in Europe.

⇒ Ausführliche Angaben: HT020309767

French. Inhaltliche Zusammenfassung: Les partis socialistes et sociaux-démocrates laissent peu d’observateurs et de citoyens indifférents. Depuis plusieurs années maintenant, nombre d’acteurs les présentent comme une famille de partis en crise, sans imagination ni tonus, incapable de se renouveler et appelée à dépérir. D’autres, au contraire, la dépeignent comme une famille à l’avenir prometteur sinon radieux. L’objectif du livre n’est pas de confirmer l’une ou l’autre de ces visions. L’ouvrage analyse en profondeur les transformations qui touchent, dans la période contemporaine, la social-démocratie dans ses différentes facettes: évolution des modèles organisationnels, changements dans les performances politiques et électorales, rapports modifiés avec les organisations syndicales et les associations de la société civile, réactions à l’émergence de nouveaux concurrents politiques ou de nouvelles valeurs, réorientations idéologiques et programmatiques. Pour la première fois, le propos n’est pas exclusivement centré sur la partie occidentale de l’Europe mais concerne autant les partis sociaux-démocrates des démocraties consolidées que les organisations se revendiquant du socialisme démocratique en Europe centrale et orientale, et met en évidence les spécificités et les points communs. À l’aube du XXIe siècle, ce sont donc les défis et les manières d’y répondre qui sont décortiqués par plusieurs des meilleurs spécialistes européens des partis sociaux-démocrates en Europe.
⇒ Ausführliche Angaben: HT020309763

Wickham, Mark: Current Issues in Knowledge Management
English. Inhaltliche Zusammenfassung: The knowledge management concept has emerged to serve as one of the critical inputs to the strategic management process, and a common factor underpinning competitive advantage. Over the concepts development, knowledge management research has focused on the processes that enable a firm to recognize sources of data, to transform data into useful information, to disseminate the information, and to develop strategies based on its insights. More recently, the development of the concept has begun to focus on the critical antecedents that enable these knowledge management processes to be implemented more effectively and efficiently. This research book serves to highlight some of the antecedents of effective knowledge management through empirical research done by researchers all around the globe.
⇒ Ausführliche Angaben: HT020309459

Wihstutz, Anne: Zwischen Sandkasten und Abschiebung
⇒ Ausführliche Angaben: HT020310471

Wilke, William S.: Discussions of Unusual Topics in Fibromyalgia
English. Inhaltliche Zusammenfassung: This book is a compilation of chapters, of which two chapters review the treatment strategies for fibromyalgia syndrome (FMS), and one chapter describes the role of mitochondrial dysfunction and related pathology in the FMS pathogenesis and reviews the appropriate treatment moieties. This book chapter reviews the phenotypic changes that alter the diagnostic criteria and disease activity measures when FMS is comorbid in three potentially painful selected rheumatic diseases. The introductory preface takes the form of an editorial in which I challenge the concept that inflammation, measured as cytokine activity, plays a prominent role in the FMS pathogenesis. All of these chapters and the Preface are authoritative and accomplished discussions that provide novel perspectives on rarely addressed FMS topics.
⇒ Ausführliche Angaben: HT020308612
Williams, Glyndwr: The British Atlantic Empire Before the American Revolution
English. Inhaltliche Zusammenfassung: First Published in 1980. Routledge is an imprint of Taylor and Francis, an informa company.
⇒ Ausführliche Angaben: HT020310115

Williams, Paul / Taylor, Ian: Africa in International Politics
English. Inhaltliche Zusammenfassung: Locating Africa on the global stage, this book examines and compares external involvement in the continent, exploring the foreign policies of major states and international organizations towards Africa. The contributors work within a political economy framework in order to study how these powers have attempted to stimulate democracy, peace and prosperity in the context of neo-liberal hegemony and ask whom these attempts have benefited and failed.
⇒ Ausführliche Angaben: HT020310314

Williams, Richard H. / Tewdwr-Jones, Mark: The European Dimension of British Planning
English. Inhaltliche Zusammenfassung: The UK government of Tony Blair is committed to fostering a European dimension of planning practice. Significant developments in relation to planning within Europe are occurring. The creation of the European Spatial Development Perspective, the reform of the Structural Funds, and the implementation of programmes to foster trans-national co-operation between governments, will all impact on UK government, and on planning system in particular. Even within the UK, devolution and regionalisation will bring new pressures for overall co-ordination on the issue of European spatial planning. Issues concerning the revisions of the Structural Funds in 2000 and 2006, and funding opportunities for local authorities, are closely connected with the theme of this book. More importantly, it is expected that the link between funding and spatial policy within British planning will become more clearly defined during this period. The European dimension of British planning, as a consequence, may grow significantly over the next few years. The authors tackle four key issues in their discussion of this topic: * British political attitudes to Europeanisation issues * The changing relationships between different arms of the state * The often complex inter-dependencies between tiers of governance * The rapidly changing definition of British urban and regional planning.
⇒ Ausführliche Angaben: HT020310107

Willich, Ehrenfried v: Aus Schleiermachers Hause. Jugenderinnerungen seines Stiefsohnes
German.
⇒ Ausführliche Angaben: HT020310013

English. Inhaltliche Zusammenfassung: Ultra-Wideband Radio (UWB) earmarks a new radio access philosophy and exploits several GHz of bandwidth. It promises high data rate communication over short distances as well as innovative radar sensing and localization applications with unprecedented resolution. Fields of application may be found, among others, in industry, civil engineering, surveillance and exploration, for security and safety measures, and even for medicine. The book considers the basics and algorithms as well as hardware and application
issues in the field of UWB radio technology for communications, localization and sensing based on the outcome of DFGs priority-funding program Ultra-Wideband Radio Technologies for Communications, Localization and Sensor Applications (UKoLoS).
⇒ Ausführliche Angaben: HT020309591

Wilson, John W. / Primack, Richard B.: Conservation Biology in Sub-Saharan Africa
English. Inhaltliche Zusammenfassung: Conservation Biology in Sub-Saharan Africa comprehensively explores the challenges and potential solutions to key conservation issues in Sub-Saharan Africa. Easy to read, this lucid and accessible textbook includes fifteen chapters that cover a full range of conservation topics, including threats to biodiversity, environmental laws, and protected areas management, as well as related topics such as sustainability, poverty, and human-wildlife conflict. This rich resource also includes a background discussion of what conservation biology is, a wide range of theoretical approaches to the subject, and concrete examples of conservation practice in specific African contexts. Strategies are outlined to protect biodiversity whilst promoting economic development in the region. Boxes covering specific themes written by scientists who live and work throughout the region are included in each chapter, together with recommended readings and suggested discussion topics. Each chapter also includes an extensive bibliography. Conservation Biology in Sub-Saharan Africa provides the most up-to-date study in the field. It is an essential resource, available on-line without charge, for undergraduate and graduate students, as well as a handy guide for professionals working to stop the rapid loss of biodiversity in Sub-Saharan Africa and elsewhere.
⇒ Ausführliche Angaben: HT020307516

Wilson, Mark / Corey, Kenneth E.: Urban and Regional Technology Planning
English. Inhaltliche Zusammenfassung: Part of the popular Networked Cities series, Urban and Regional Technology Planning focuses on the practice of relational planning and the stimulation of local city-regional scale development planning in the context of the global knowledge economy and network society. Designed to offer scholars, practitioners, and decision makers studies on the ways of cities, technologies, and multiple forms of urban movement intersect and create the contemporary urban environment, Kenneth Corey and Mark Wilson explore the dynamics of technology-induced change that is taking place within the context of the global knowledge economy and network society. Examining first the knowledge economy itself, Wilson and Corey go on to discuss its implications before proposing ways to strategize for future intelligent development, with particular emphasis on the ALERT model for regional and local planning. An important read for those practicing or studying planning in this network society.
⇒ Ausführliche Angaben: HT020310066

Winand, Pascaline / Weil, Philippe / Waelbroeck, Denis F.: Le nouveau modèle européen. Volume 1
French. Inhaltliche Zusammenfassung: La “ méthode Monnet ” de construction européenne serait-elle en voie de s’épuiser ? De nombreux indices le donnent à penser. Après l’achèvement du marché intérieur, et face aux défis que constituent la fin de la guerre froide, la mondialisation et l’élargissement, l’Union européenne est en quête d’une nouvelle méthode d’intégration. Les grandes politiques lancées par les traités de Maastricht et Amsterdam (Union économique et monétaire, politique étrangère, sécurité intérieure, politiques sociales...) reposent de plus en plus sur une " coopération ouverte " entre gouvernements, où les institutions communautaires peinent à trouver leurs marques. Élargie dans sa taille et dans ses objectifs, l’Union se repose davantage, pour la conception et la mise en œuvre de ses politiques, sur les gouvernements nationaux et les entités régionales. Le temps des grands engagements semble, lui aussi, révolu. Les conférences intergouvernementales se succèdent désormais à un rythme
soutenu, davantage pour corriger les traités que pour lancer de nouveaux projets de grande ampleur. La construction de l’Europe connaît ainsi une “grande transformation”, qui impose de réfléchir au nouveau modèle qui se dessine, à la fois plus ambitieux dans ses objectifs et plus modeste dans ses moyens, plus large dans son étendue géographique et plus décentralisé. Le premier volume de cette étude est consacré aux institutions et aux acteurs politiques. Les auteurs s’y demandent comment la Commission, le Conseil, la Cour et le Parlement européens s’adaptent à ces évolutions majeures. Ils examinent aussi le rôle que jouent sur cette scène nouvelle les partis, les groupes d’intérêts et les régions. Derrière ces transformations, c’est la question du “nouveau modèle” constitutionnel et de la “nouvelle gouvernance” de l’Europe qui se trouve posée.
https://www.taylorfrancis.com/books/e/9781351765633, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license. In the 21st century, Norway, Denmark and Sweden remain the icons of fair societies, with high economic productivity and quality of life. But they are also an enigma in a cultural-evolutionary sense: though by no means following the same socio-economic formula, they are all cases of a non-hubristic, socially sustainable modernity that puzzles outside observers. Using Nordic welfare states as its laboratory, Sustainable Modernity combines evolutionary and socio-cultural perspectives to illuminate the mainsprings of what the authors call the well-being society. The main contention is that the Nordic uniqueness is not merely the outcome of one particular set of historical institutional or political arrangements, or sheer historical luck; rather, the high welfare creation inherent in the Nordic model has been predicated on a long and durable tradition of social cooperation, which has interacted with global competitive forces. Hence the socially sustainable Nordic modernity should be approached as an integrated and tightly orchestrated ecosystem based on a complex interplay of cooperative and competitive strategies within and across several domains: normative-cultural, socio-political and redistributive. The key question is: Can the Nordic countries uphold the balance of competition and cooperation and reproduce their resilience in the age of globalization, cultural collisions, the digital economy, the fragmentation of the work/life division, and often intrusive EU regulation? With contributors providing insights from the humanities, the social sciences and evolutionary science, this book will be of great interest to students and scholars of political science, sociology, history, institutional.

⇒ Ausführliche Angaben: HT020310126

Wittreck, Fabian / Welzel, Christian / Jung, Otmar: Jahrbuch für direkte Demokratie 2009


⇒ Ausführliche Angaben: HT020307600

Wittreck, Fabian / Welzel, Christian / Jung, Otmar: Jahrbuch für direkte Demokratie 2010


⇒ Ausführliche Angaben: HT020307601

Wörz, Thomas: Mit Kompetenz durch das Talente-Labyrinth
⇒ Ein Medium
- Freihand:
  ⇒ DDC (Dewey Decimal Classification):
    - 150DNB 150DNB
  ⇒ DDC (Dewey Decimal Classification):
    - 15023sdbn 15023sdbn
⇒ Ausführliche Angaben: HT020312197

Wolff, Stefan / Cordell, Karl: Germanys Foreign Policy Towards Poland and the Czech Republic
2005. 1 electronic resource ( pages). ISBN 9780203489192, ISBN 9780415369749, ISBN 9780415499576, ISBN 9781134201365, ISBN 9781134201358, ISBN 9781134201310 English. Inhaltliche Zusammenfassung: This is a new exploration of how the events of the twentieth century still cast a shadow over relations between Germany, Poland and the Czech Republic. Using social constructivism theory, it provides a comparative assessment of Germanys post-reunification relations with the Czech Republic and Poland within the framework of the contemporary alliance structure. Identifying the key actors and factors, Cordell and Wolff examine the long-standing continuity in the norms and values that underpin German foreign policy and explore the issues of borders, territory, identities, minorities and population transfers. Paying particular attention to the process of European integration and the role of the new Germany within Europe, the authors identify how new possibilities for co-operation might finally overcome legacies of the past. This pioneering study will be of particular interest to students of European politics and international studies.
⇒ Ausführliche Angaben: HT020310246

Wong, Deborah: Louder and Faster
2019. 1 electronic resource (293 pages). ISBN 9780520973152, ISBN 9780520304529 English. Inhaltliche Zusammenfassung: Louder and Faster is a study of taiko in California, focused on the play of sound, performance, identity, ethnicity, race, gender, and politics. Wong explores taiko as a music/dance art form that creates spaces in which memories of the WW2 Japanese American incarceration, Asian American identity, and a desire to be seen/heard intersect with global capitalism, the complications of mediation, and legacies of imperialism. Based on two decades of participatory ethnographic work, the book offers a vivid glimpse of an Asian American presence both loud and fragile.
⇒ Ausführliche Angaben: HT020307552

Wong, Janica: Polyphenols
English. Inhaltliche Zusammenfassung: Polyphenols, which mostly contain phenol structures, are phytochemicals found naturally in many types of food such as nuts, cocoa, berries, tea, and red wine. Emerging studies have shown that polyphenols can have multiple beneficial effects on the human body, such as antioxidative, anticancer, and antidiabetic effects. The present book encompasses many key aspects of polyphenols from classification, dietary sources, health benefits, to possible mechanisms of action. Polyphenols is intended for a wide range of readers, hoping to provide readers with the recent scientific findings of why and how polyphenols can exert multiple health benefits.

⇒ Ausführliche Angaben: HT020308845

Wong, Voon Loong / Koh, Kai Seng: Nanoemulsions - Properties, Fabrications and Applications
English. Inhaltliche Zusammenfassung: Fluidics, an increasingly examined topic in nanoscience and nanotechnology is often discussed with regard to the handling of fluid flow, material processing, and material synthesis in innovative devices ranging from the macroscale to the nanoscale. Nanoemulsions - Properties, Fabrications and Applications reviews key concepts in nanoscale fluid mechanics, its corresponding properties, as well as the latest trends in nanofluidics applications. With attention to the fundamentals as well as advanced applications of fluidics, this book imparts a solid knowledge base and develops skill for future problem-solving and system analysis. This is a vital resource for upper-level engineering students who want to expand their potential career opportunities and familiarize themselves with an increasingly important field.

⇒ Ausführliche Angaben: HT020309479

Wongchoosuk, Chatchawal: Intelligent System
English. Inhaltliche Zusammenfassung: Intelligent system is an advanced machine that can perceive, learn, and solve the problems with a great accuracy. Technologies with intelligent system are currently available in the market and used in real-world applications, id est, self-driving cars, Siri, Alexa, Facebook, and so on. To exceed human cognitive capabilities, the important keys rely on the development of sensors and algorithms. Therefore, the insight into artificial intelligence (AI) methods becomes a fundamental building block for design and construction of intelligent system with particular applications. This book aims to describe the AI systems ranging from the basic knowledge, id est, algorithm and mathematical models of AI techniques, fundamentals of machine learning, genetic algorithm, and fuzzy logic, to the current state-of-the-art applications, such as smart road and biomedical applications.

⇒ Ausführliche Angaben: HT020308944

Wonik, Martin: Engagiert für die nächste Generation!
⇒ Ein Buch
- Magazin: 2019 / 2825
⇒ ZBSport-Systematik:
- 3 Geo 034 Deutschland, Bundesrepublik Deutschland und ehemalige Deutsche Demokratische Republik (DDR)
- 4 Jug 100m Allgemeine, kategorienübergreifende, formale Aspekte im Gebiet Kindersport, Jugendsport, Berichte, allg. , Dienstreisen etc.
- 4 Jug 120d Vereinigungen, Institutionen, Organisationen im Gebiet Kindersport, Jugendsport in einzelnen Ländern, z.B. Sportjugend, Deutsche Sportjugend / DSJ, hier auch Jugendarbeit der Landessportbünde, Spitzensportverbände, Sportverbände (4 JUG 120d) Deutschland, geographisch: Mitteleuropa I mit Bundesrepublik Deutschland und ehemalige Deutsche Demokratische Republik
⇒ NWBib (Nordrhein-Westfaelische Bibliographie):
- Jugendhttps://nwbib.de/subjects#N724030
- Nordrhein-Westfalenhttps://nwbib.de/spatial#N01
- Sport und Spielhttps://nwbib.de/subjects#N736000

⇒ Schlagwörter:
- Geschichte 2015-2019
- Landessportbund Nordrhein-Westfalen
- Sportjugend

⇒ Ausführliche Angaben: HT020304788

Wood, Henry: Faust-Studien. Ein Beitrag zum Verständnis Goethes in seiner Dichtung
1912. 1 electronic resource (300 pages). ISBN 9783111695037
German.
⇒ Ausführliche Angaben: HT020310019

Woods, Mairide / OFlynn, John / Martin, Maeve: Men and the Classroom
English. Inhaltliche Zusammenfassung: The teaching of young children has long been dominated by women. This global phenomenon is firmly rooted in issues related to economic development, urbanization, the position of women in society, cultural definitions of masculinity and the values of children and childcare. Yet, amongst the media scare stories and moral panics about underachieving boys, there are surprisingly few empirically-supported answers to vital questions such as: Is the feminisation of teaching really a problem? How is the relationship of gender and teaching considered within a framework of feminist theory? What are the perceptions of students of teaching, in comparison to other professions? Why are so few men attracted to teaching? Can more men be attracted into the classroom? The authors of this groundbreaking book have undertaken the largest, most in-depth study ever carried out on this topic, in order to assess both teachers and students views across primary education.
⇒ Ausführliche Angaben: HT020310192

Woods, Peter: The Happiest Days?
⇒ Ausführliche Angaben: HT020310101

Woodward, Kath: Boxing, Masculinity and Identity
English. Inhaltliche Zusammenfassung: Boxing is infused with ideas about masculinity, power, race and social class, and as such is an ideal lens through which social scientists can examine key modern themes. In addition, its inherent contradictions of extreme violence and beauty and of discipline and excess have long been a source of inspiration for writers and film makers. Essential reading for anyone interested in the sociology of sport and cultural representations of gender, Boxing, Masculinity and Identity brings together ethnographic research with material from film, literature and journalism. Through this combination of theoretical insight and cultural awareness, Woodward explores the social constructs around boxing and our experience and understanding of central issues including: masculinity mind, body and the construction of identity; spectacle and performance; tensions between the public and private person boxing on film: the role of cultural representations in building identities; issues of authenticity and ‘truth’ in social science.
⇒ Ausführliche Angaben: HT020310300
Woollacott, Angela / Arrow, Michelle: Everyday Revolutions
English. Inhaltliche Zusammenfassung: The 1970s was a decade when matters previously considered private and personal became public and political. These shifts not only transformed Australian politics, they engendered far-reaching cultural and social changes. Feminists challenged ‘man-made’ norms and sought to recover lost histories of female achievement and cultural endeavour. They made films, picked up spanners and established printing presses. The notion that ‘the personal was political’ began to transform long-held ideas about masculinity and femininity, both in public and private life. In the spaces between official discourses and everyday experience, many sought to revolutionise the lives of Australian men and women. Everyday Revolutions brings together new research on the cultural and social impact of the feminist and sexual revolutions of the 1970s in Australia. Gay Liberation and Women’s Liberation movements erupted, challenging almost every aspect of Australian life. The pill became widely available and sexuality was both celebrated and flaunted. Campaigns to decriminalise abortion and homosexuality emerged across the country. Activists set up women’s refuges, rape crisis centres and counselling services. Governments responded to new demands for representation and rights, appointing women’s advisors and funding new services. Everyday Revolutions brings together new research on the cultural and social impact of the feminist and sexual revolutions of the 1970s in Australia. Gay Liberation and Women’s Liberation movements erupted, challenging almost every aspect of Australian life. The pill became widely available and sexuality was both celebrated and flaunted. Campaigns to decriminalise abortion and homosexuality emerged across the country. Activists set up women’s refuges, rape crisis centres and counselling services. Governments responded to new demands for representation and rights, appointing women’s advisors and funding new services.
⇒ Ausführliche Angaben: HT020309859

Worboys, Michael: Chapter Five Chlamydia
English. Inhaltliche Zusammenfassung: Since the late 1990s chlamydia has been the most commonly reported sexually transmitted infection (STI) in Europe and the United States. The infection is caused by the bacterium Chlamydia trachomatis (C. trachomatis), and its common name follows a pattern established in the late nineteenth century, where an infection is named after its causal pathogen.
⇒ Ausführliche Angaben: HT020309687

Wotruba, R.: Der ein- und mehrphasige Wechselstrom. Einführung in das Studium der Transformatoren und Wechselstrommaschinen
German.
⇒ Ausführliche Angaben: HT020310039

Wu, Bin: Advances in Embryo Transfer
English. Inhaltliche Zusammenfassung: Embryo transfer has become one of the prominent high businesses worldwide. This book updates and reviews some new developed theories and technologies in the human embryo transfer and mainly focus on discussing some encountered problems during embryo transfer, which gives some examples how to improve pregnancy rate by innovated techniques so that readers, especially embryologists and physicians for human IVF programs, may acquire some new and usable information as well as some key practice techniques. Major contents include the optimal stimulation scheme for ovaries, advance in insemination technology, improved embryo transfer technology and endometrial receptivity and embryo implantation mechanism. Thus, this book will greatly add new information for readers to improve human embryo transfer pregnancy rate.
⇒ Ausführliche Angaben: HT020307880

Wu, Bin: Embryo Cleavage
English. Inhaltliche Zusammenfassung: Embryo cleavage experiences a series of critical events and remarkable epigenetic modifications, especially morphological change and gene expression. The development of current assisted reproductive technology has created some new observations and novel discoveries in cleavage embryos. This book updates some new technologies and methods on the study of cleavage embryos to select high-quality embryos for transfer and improve embryo implantation and pregnancy. Major contents include embryo cleavage morphokinetics based on time-lapse imaging, gene expression of cleavage embryo and noninvasive assessment, and improving embryo cleavage technology. Thus, this book will greatly add new information for embryologists to select good-quality embryos for transfer to improve human embryo transfer pregnancy rate.

⇒ Ausführliche Angaben: HT020308430

Wu, George Y. / Vcev, Aleksandar / Smolic, Martina: Update on Hepatitis C
English. Inhaltliche Zusammenfassung: In the past few years, remarkable progress has been made in our understanding of HCV biology, pathogenesis of infection, and structure-function relationships. This has led to quantum advances in clinical efficacy and tolerability. Yet, in spite of this amazing progress, there remain obstacles to widespread successful treatment. These issues include biological failures even with direct-acting agents, lack of options for individual with organ failures, drug-drug interactions, access to medications either due to lack of availability or affordability, and psychiatric and social issues. These problems are likely to remain in the future. Therefore, this book has been created by distinguished faculties from around the world to address the progress in our understanding of HCV infection and to review new treatment options, limitations, and accessibility of new therapeutic options.

⇒ Ausführliche Angaben: HT020308451

Wu, Wei: Pregnancy and Birth Outcomes
English. Inhaltliche Zusammenfassung: More than 10% of the global burden of disease is due to pregnancy complications and adverse birth outcomes. Despite recent advances in obstetric medicine, pregnancy complications and adverse birth outcomes are a growing public health concern and economic burden on the healthcare system. This book will focus on the pregnancy complications and birth outcomes, from the aspects of gestational age, environmental, genetic, epigenetic risk factors, and delivery room management.

⇒ Ausführliche Angaben: HT020308772

Wu, Xiu-Zhi Zoe: Grammaticalization and Language Change in Chinese
English. Inhaltliche Zusammenfassung: This innovative study on the phenomenon of grammaticalization and its manifestation in Chinese provides new insights into language change in Chinese and a large number of grammatical topics. Grammaticalization occurs in all of the worlds languages. Xiu-Zhi Zoe Wu demonstrates general linguistic principles present and active in the phenomenon of grammaticalization whilst also describing the modelling of language in formal theoretical approaches to syntax; so this book fills two major gaps in the current study of linguistics. Grammaticalization and Language Change in Chinese illuminates how studies of language development and change provide special insights into the understanding of current, synchronic systems of language. Using patterns from Chinese, the author establishes cross-linguistic generalizations about language change and grammaticalization. This book should be of great interest to Chinese linguists and readers interested in language change in different languages.

⇒ Ausführliche Angaben: HT020310237

Wyatt, Ray: Computer Aided Policy Making
This book will prove a unique source of information and instruction for anyone seeking to make better human-oriented policy, whether urban planner, business strategist, or manager in the field of education, health or welfare. Ingeniously Wyatt has created two books in one: the main text covers the types of software package available: mainstream software, peripheral software, innovative software, frontier software; the lessons generated from the software are outlined in lesson boxes. Readers can use the text alone to familiarize themselves with the computer packages or read the boxes only, or they can do both.

⇒ Ausführliche Angaben: HT020310286

**Xavier, Sandra / Pereira, Paulo: Quality Management and Quality Control - New Trends and Developments**


English. Inhaltliche Zusammenfassung: Quality management (QM) practices are the basis for the successful implementation and maintenance of any QM system. Quality control (QC) is identified as a QM component. Therefore, QM effectiveness is dependent on the QC strategy. QC practice is more or less complex depending on the type of production. The book is focused on new trends and developments in QM and QC in several types of industries from a worldwide perspective. Its content has been organized into two sections and seven chapters written by well-recognized researchers worldwide. Several approaches are debated based on sample traceability, analytical method validation, required parameters, class of exponential regression-type estimators of the population means, determination of impurities, viewpoints, and case studies.

⇒ Ausführliche Angaben: HT020309329

**Xu, Ke: Tumor Metastasis**


English. Inhaltliche Zusammenfassung: Metastasis is the major cause of cancer-related death. It is a multistep process. The mechanism underlying metastasis is complicated and poorly understood. Recent advances in tumor metastasis research have led to improved diagnosis and clinical management of cancer. However, new strategies on metastasis treatment are urgently needed, especially the novel biomarkers discovery and targeted therapy. This book is designed to present the most recent advances in tumor metastasis.

⇒ Ausführliche Angaben: HT020308033

**Xu, Zhenbo: Solubility of Polysaccharides**


English. Inhaltliche Zusammenfassung: Sugars, with a scientific term as saccharides, are involved in various aspects in the lives of human beings, including the sense of taste, energy for daily life, et cetera. Recent development in polysaccharides, as well as the background knowledge in this field, further deepens insight into their roles as healthy supplements. In this book, the principles on polysaccharides solubility and structure, methodologies and application of polysaccharides have been reviewed. The chapters in this book include the relationship between structure and solubility of polysaccharide, the experimental and computational researches on polysaccharide solubility and the common polysaccharide, which may further aid scholars and researchers in regard to solubility of polysaccharides, methodologies and modification.

⇒ Ausführliche Angaben: HT020308489

**Yıldız, Melih / Ceper, Bilge Albayrak: Improvement Trends for Internal Combustion Engines**


English. Inhaltliche Zusammenfassung: Internal combustion engines have remained a challenge due to depending heavily on fossil fuels, which are already limited reserves, and a requirement for improvement in emission levels continuously. The number of advanced technologies such as hybrid systems and low-temperature combustion engines has been introduced,
and a number of reports about the use of alternative fuels have been presented in recent years to overcome these challenges. The efforts have made the new concepts to be used in practical along with the new problems which are required advanced control systems. This book presents studies on internal combustion engines with alternative fuels and advanced combustion technologies to obtain efficiency and environment-friendly systems, measurement methodology of exhaust emissions and modelling of a hybrid engine system, and mechanical losses arising from ring-cylinder and ring-groove side contacts as well. The main theme here is to identify solutions for internal combustion engines in terms of fuel consumption, emissions, and performance.

⇒ Ausführliche Angaben: HT020308631

**Yaghoubi, Hamid: Bridge Engineering**
English. Inhaltliche Zusammenfassung: A bridge is a structure built to span the physical obstacles without closing the way underneath, such as a body of water, valley, or road, for the purpose of providing the passage over the obstacle. Bridge engineering is an engineering discipline branching from civil engineering that involves the planning, design, construction, operation, and maintenance of bridges to ensure safe and effective transportation of vehicles, people and goods. This book Bridge Engineering includes the main topics and the basic principles of bridge engineering and provides the full scope of current information necessary for effective and cost-conscious contemporary bridge. It reflects new engineering and building developments, the most current design methods, and the latest industry standards and policies. It provides a comprehensive overview of the significant characteristics for bridge engineering. It highlights the recent advancements, requirements, improvements, and details of the latest techniques in the global market. It contains a collection of the latest research developments on the bridge engineering. It comprehensively covers the basic theory and practice in sufficient depth to provide a solid grounding to bridge engineers. It helps readers to maximize effectiveness in all facets of bridge engineering. This professional book as a credible source and a valuable reference can be very applicable and useful for all professors, researchers, engineers, practicing professionals, trainee practitioners, students and others who are interested in the bridge projects.

⇒ Ausführliche Angaben: HT020308720

**Yaghoubi, Hamid: Highway Engineering**
English. Inhaltliche Zusammenfassung: Highway engineering is an engineering discipline branching from civil engineering that involves the planning, design, construction, operation, and maintenance of roads, bridges, and tunnels to ensure safe and effective transportation of people and goods. The book Highway Engineering includes the main topics and the basic principles of highway engineering and provides the full scope of current information necessary for effective and cost-conscious contemporary highway. The book reflects new engineering and building developments, the most current design methods, as well as the latest industry standards and policies. This book provides a comprehensive overview of significant characteristics for highway engineering. It highlights recent advancements, requirements, and improvements and details the latest techniques in the global market. Highway Engineering contains a collection of the latest research developments on highway engineering. This book comprehensively covers the basic theory and practice in sufficient depth to provide a solid grounding to highway engineers. This book helps readers maximize effectiveness in all facets of highway engineering. This professional book as a credible source and a valuable reference can be very applicable and useful for all professors, researchers, engineers, practicing professionals, trainee practitioners, students, and others interested in highway projects.

⇒ Ausführliche Angaben: HT020308505

**Yaghoubi, Hamid: Urban Transport Systems**
English. Inhaltliche Zusammenfassung: This book contains a collection of latest research developments on the urban transportation systems. It describes rail transit systems, subways,
bus rapid transit (BRT) systems, taxicabs, automobiles, et cetera. This book also studies the technical parameters and provides a comprehensive overview of the significant characteristics for urban transportation systems, including energy management systems, wireless communication systems, operations and maintenance systems, transport serviceability, environmental problems and solutions, simulation, modelling, analysis, design, safety and risk, standards, traffic congestion, ride quality, air quality, noise and vibration, financial and economic aspects, pricing strategies, et cetera. This professional book as a credible source can be very applicable and useful for all professors, researchers, students, experienced technical professionals, practitioners and others interested in urban transportation systems.

⇒ Ausführliche Angaben: HT020308134

**Yahya, Ali Ibrahim: Gastroesophageal Reflux Disease - Theory and Research**
2019. 1 electronic resource (74 pages). ISBN 9781789844801, ISBN 9781789844818 English. Inhaltliche Zusammenfassung: Gastroesophageal reflux disease (GERD) is a very common, global clinical problem. It affects any age group, both males and females, and is seen mainly in developed countries, especially among obese individuals. GERD needs to be treated to prevent nuisance symptoms and long-term complications. The book deals with the diagnosis of GERD, including clinical presentations and diagnostic investigations, and describes the different available conservative, medical, surgical and endoscopic treatments. The book also covers gastroesophageal disease in children, its presentation and treatment. It also deals with the refractory type of gastroesophageal disease including different theories. It is very useful for gastroenterologists and upper gastrointestinal surgeons.

⇒ Ausführliche Angaben: HT020309316

**Yakpo, Kofi / Stell, Gerald: Code-switching Between Structural and Sociolinguistic Perspectives**

⇒ Ausführliche Angaben: HT020307653

2018. 1 electronic resource (138 pages). ISBN 9781789845068, ISBN 9781789845075 English. Inhaltliche Zusammenfassung: The book presents a collection of articles on novel approaches to problems of current interest in structural engineering by academicians, researchers, and practicing structural engineers from all over the world. The book is divided into five chapters and encompasses multidisciplinary areas within structural engineering, such as structural dynamics and impact loading, structural mechanics, finite element modeling, structural vibration control, and the application of advanced composite materials. New Trends in Structural Engineering is a useful reference material for the structural engineering fraternity, including undergraduate and postgraduate students, academicians, researchers, and practicing engineers.

⇒ Ausführliche Angaben: HT020309152

**Yamamoto, Masa-yuki / Toyokuni, Genti / Kanao, Masaki: Antarctica - A Key To Global Change**
2019. 1 electronic resource (136 pages). ISBN 9781789858150, ISBN 9781789858167 English. Inhaltliche Zusammenfassung: The most exciting initiative in the polar region was the International Polar Year (IPY) in 2007-2008, conducted as the 50th anniversary of the International Geophysical Year (1957-1958). The initiative greatly enhanced the exchange of...
Ideas across nations and scientific disciplines to unveil the status and changes of planet Earth. This sort of interdisciplinary exchange helps us to understand and address grand challenges, such as rapid environmental change and its impact on society. In this regard, this book aims to compile the achievements of projects related to the IPY and post-IPY era, focusing especially on surface environmental variations associated with climate change, such as global warming.

⇒ Ausführliche Angaben: HT020309320

Yang, Dongfang: Applications of Laser Ablation - Thin Film Deposition, Nanomaterial Synthesis and Surface Modification
English. Inhaltsliche Zusammenfassung: Laser ablation refers to the phenomenon in which a low wavelength and short pulse (ns-fs) duration of laser beam irradiates the surface of a target to induce instant local vaporization of the target material generating a plasma plume consisting of photons, electrons, ions, atoms, molecules, clusters, and liquid or solid particles. This book covers various aspects of using laser ablation phenomenon for material processing including laser ablation applied for the deposition of thin films, for the synthesis of nanomaterials, and for the chemical compositional analysis and surface modification of materials. Through the 18 chapters written by experts from international scientific community, the reader will have access to the most recent research and development findings on laser ablation through original research studies and literature reviews.

⇒ Ausführliche Angaben: HT020308111

Yang, Dongfang: Titanium Dioxide - Material for a Sustainable Environment
English. Inhaltsliche Zusammenfassung: Titanium dioxide is currently being used in many industrial products. It provides unique photocatalytic properties for water splitting and purification, bacterial inactivation, and organics degradation. It has also been widely used as the photoanode for dye-sensitized solar cells and coatings for self-cleaning surfaces, biomedical implants, and nanomedicine. This book covers various aspects of titanium dioxide nanomaterials including their unique one-dimensional, two-dimensional, mesoporous, and hierarchical nanostructures and their synthetic methods such as sol-gel, hydrothermal, anodic oxidation, and electrophoretic deposition, as well as its key applications in environmental and energy sectors. Through these 24 chapters written by experts from the international scientific community, readers will have access to a comprehensive overview of the recent research and development findings on the titanium dioxide nanomaterials.

⇒ Ausführliche Angaben: HT020308793

Yang, Gang: Density Functional Calculations - Recent Progresses of Theory and Application
English. Inhaltsliche Zusammenfassung: Density functional theory (DFT) ranks as the most widely used quantum mechanical method and plays an increasingly larger role in a number of disciplines such as chemistry, physics, material, biology, and pharmacy. DFT has long been used to complement experimental investigations, while now it is also regarded as an indispensable and powerful tool for researchers of different fields. This book is divided into five sections that include original chapters written by experts in their fields: Method Development and Validation, Spectra and Thermodynamics, Catalysis and Mechanism, Material and Molecular Design, and Multidisciplinary Integration. I would like to express my sincere gratitude to all contributors and recommend this book to both beginners and experienced researchers.

⇒ Ausführliche Angaben: HT020308705

Yang, Haisheng: Osteogenesis and Bone Regeneration
Osteogenesis is a core component of the skeletal system and depends on the well-coordinated proliferation and differentiation of osteogenic cells. Multiple signaling pathways and transcriptional factors tightly regulate the process of osteogenesis. Any abnormalities in bone formation could cause severe disorders such as osteogenesis imperfecta and osteoporosis. Bone regeneration, a complex and well-orchestrated physiological process of osteogenesis, remains a medical challenge in the field of orthopedics and maxillofacial surgery. This book provides an overview of the current developments in osteogenesis and bone regeneration, including molecular and cellular mechanisms, physical therapies (low-level laser, distraction osteogenesis), biological therapies (mesenchymal stem cells, stem cell derived exosomes, inflammatory factor, Chinese medicine), as well as tissue engineering approaches promoting bone regeneration by targeting osteogenesis.

⇒ Ausführliche Angaben: HT020309356

Yang, Jin / Cao, Wen-Ping: Development and Integration of Microgrids
English. Inhaltliche Zusammenfassung: The utilization of AC or DC microgrids across the world has increased dramatically over the years and has led to development opportunities as well as technical challenges when they are connected to the main grids or used as stand-alone systems. This book overviews the development of AC/DC microgrids; explains the microgrid concepts, design and control considerations, discusses operational and technical issues, as well as interconnection and integration of these systems. This book is served as a reference for a general audience of researchers, academics, PhD students and practitioners in the field of power engineering.

⇒ Ausführliche Angaben: HT020308384

Yang, Ning-Sun: Systems and Computational Biology - Bioinformatics and Computational Modeling
English. Inhaltliche Zusammenfassung: Whereas some microarray or bioinformatics scientists among us may have been criticized as doing cataloging research, the majority of us believe that we are sincerely exploring new scientific and technological systems to benefit human health, human food and animal feed production, and environmental protections. Indeed, we are humbled by the complexity, extent and beauty of cross-talks in various biological systems; on the other hand, we are becoming more educated and are able to start addressing honestly and skillfully the various important issues concerning translational medicine, global agriculture, and the environment. The two volumes of this book present a series of high-quality research or review articles in a timely fashion to this emerging research field of our scientific community.

⇒ Ausführliche Angaben: HT020307773

Yang, Xiaomei / Hou, Yijun / Zhang, Yuanzhi: Sea Level Rise and Coastal Infrastructure
English. Inhaltliche Zusammenfassung: Sea level rise and coastal erosion had drawn an increasing awareness recently as the repercussion of increase of sea level and coastal erosion would reshape the earths system and induce a tremendous loss in ecological or economics cost. Governments are dedicated to meliorate the occurrence of these phenomena, or else all creations on the earth will suffer from the catastrophe. Global warming is one of the crucial factors resulting in the increase of sea level and coastal erosion. Remote sensing and geographic information systems (GIS) technologies are thoroughly adopted and applied to monitor the dynamic change of the nature system, such as coastal land use and land cover, sea level rise, and coastal infrastructure.

⇒ Ausführliche Angaben: HT020308935

Yao, Yunjin: Visible-Light Photocatalysis of Carbon-Based Materials
English. Inhaltliche Zusammenfassung: Carbon-based photocatalysis has been considered as
an economic, safe, renewable, and clean technology, for various applications. However, the pristine carbon material is usually restricted by unsatisfactory photocatalytic efficiency and practical applications due to the insufficient solar light absorption, the low-surface area, and the fast recombination of photogenerated electron-hole pairs. Various modification strategies, such as elemental and molecular doping, preparation of mesoporous carbon materials, and combination of conductive materials, are adopted to enhance the photocatalytic activity of carbon materials. In this book, we intend to describe the great potential of efficient and low-cost carbon-based materials in various realms, such as photodegradation of organic compounds, water splitting, and selective organic transformations.

Yap, Eng Hwa: Energy Efficient Buildings
English. Inhaltsangabe: This book discusses energy efficient buildings and the role they play in our efforts to address climate change, energy consumption and greenhouse gas emissions by considering buildings and the construction sectors unique position along a critical path to decarbonisation from a multi-perspective and holistic viewpoint. Topics covered in the book range from daylighting, building topology comparison, building envelope design, zero energy homes in hot arid regions, life-cycle considerations and energy efficiency analysis to managing energy demand through equipment selection. Each chapter addresses an important aspect of energy efficient building and serves as a vital building block towards constructing a timely and relevant body of knowledge in energy efficient buildings.

Yasin, Moh / Arof, Hamzah / Harun, Sulaiman Wadi: Advances in Optical Fiber Technology: Fundamental Optical Phenomena and Applications
English. Inhaltsangabe: This book is a compilation of works presenting recent developments and practical applications in optical fiber technology. It contains 13 chapters from various institutions that represent global research in various topics such as scattering, dispersion, polarization interference, fuse phenomena and optical manipulation, optical fiber laser and sensor applications, passive optical network (PON) and plastic optical fiber (POF) technology. It provides the reader with a broad overview and sampling of the innovative research on optical fiber technologies.

Yasser, Hassan A.: Matrix Theory - Applications and Theorems
English. Inhaltsangabe: This book reviews current research, including applications of matrices, spaces, and other characteristics. It discusses the application of matrices, which has become an area of great importance in many scientific fields. The theory of row/column determinants of a partial solution to the system of two-sided quaternion matrix equations is analyzed. It introduces a matrix that has the exponential function as one of its eigenvectors and realizes that this matrix represents finite difference derivation of vectors on a partition. Mixing problems and the corresponding associated matrices have different structures that deserve to be studied in depth. Special compound magic squares will be considered. Finally, a new type of regular matrix generated by Fibonacci numbers is introduced and we shall investigate its various topological properties.

Yasushi, Kosugi / Dudoignon, Stephane A. / Hisao, Komatsu: Intellectuals in the Modern Islamic World
English. Inhaltsangabe: Incorporating a rich series of case-studies covering a range of geographical areas, this collection of essays examines the history of modern intellectuals in the Islamic world throughout the twentieth century. The contributors reassess
the typology and history of various scholars, providing significant diachronic analysis of the different forms of communication, learning, and authority. While each chapter presents a separate regional case, with an historically and geographically different background, the volume discloses commonalities, similarities and intellectual echoes through its comparative approach. Consisting of two parts, the volume focuses first on al-Manar, the influential journal published between 1898 and 1935 that inspired much imagination and arguments among local intelligentsias all over the Islamic world. The second part discusses the formation, transmission and transformation of learning and authority, from the Middle East to Central and Southeast Asia. Constituting a milestone in comparative studies of the modern Islamic world, this book highlights the range of and transformation in the role of intellectuals in Islamic societies.

⇒ Ausführliche Angaben: HT020310221

**Yelda: Next Generation Plant Breeding**
English. Inhaltliche Zusammenfassung: Following the green revolution and transgenic crop development, another revolutionary progress has been experienced in plant breeding in the last decade with the application of marker-assisted selection (MAS), next-generation sequencing (NGS), and gene editing techniques together with omic technologies, including genomics, transcriptomics, proteomics, and phenomics. Thus, this book is structured into two sections: Marker-Assisted Breeding and RNA-seq and Gene Editing in Plants, which aim to provide a reference for students, instructors, and scientists on recent innovative advances in plant-breeding programs to cultivate crops for tomorrow.

⇒ Ausführliche Angaben: HT020309018

**Yellampalli, Siva: Carbon Nanotubes - Polymer Nanocomposites**
English. Inhaltliche Zusammenfassung: Polymer nanocomposites are a class of material with a great deal of promise for potential applications in various industries ranging from construction to aerospace. The main difference between polymeric nanocomposites and conventional composites is the filler that is being used for reinforcement. In the nanocomposites the reinforcement is on the order of nanometer that leads to a very different final macroscopic property. Due to this unique feature polymeric nanocomposites have been studied exclusively in the last decade using various nanofillers such as minerals, sheets or fibers. This book focuses on the preparation and property analysis of polymer nanocomposites with CNTs (fibers) as nano fillers. The book has been divided into three sections. The first section deals with fabrication and property analysis of new carbon nanotube structures. The second section deals with preparation and characterization of polymer composites with CNTs followed by the various applications of polymers with CNTs in the third section.

⇒ Ausführliche Angaben: HT020307753

**Yellampalli, Siva: Carbon Nanotubes - Synthesis, Characterization, Applications**
English. Inhaltliche Zusammenfassung: Carbon nanotubes are one of the most intriguing new materials with extraordinary properties being discovered in the last decade. The unique structure of carbon nanotubes provides nanotubes with extraordinary mechanical and electrical properties. The outstanding properties that these materials possess have opened new interesting researches areas in nanoscience and nanotechnology. Although nanotubes are very promising in a wide variety of fields, application of individual nanotubes for large scale production has been limited. The main roadblocks, which hinder its use, are limited understanding of its synthesis and electrical properties which lead to difficulty in structure control, existence of impurities, and poor processability. This book makes an attempt to provide in-depth study and analysis of various synthesis methods, processing techniques and characterization of carbon nanotubes that will lead to the increased applications of carbon nanotubes.

⇒ Ausführliche Angaben: HT020307733
Yellampalli, Siva: MEMS Sensors - Design and Application
English. Inhaltliche Zusammenfassung: MEMS by becoming a part of various applications ranging from smartphones to automobiles has become an integral part of our everyday life. MEMS is building synergy between previously unrelated fields such as biology, microelectronics and communications, to improve the quality of human life. The sensors in MEMS gather information from the surrounding, which is then processed by the electronics for decision-making to control the environment. MEMS offers opportunities to miniaturize devices, integrate them with electronics and realize cost savings through batch fabrication. MEMS technology has enhanced many important applications in domains such as consumer electronics, biotechnology and communication and it holds great promise for continued contributions in the future. This book focuses on understanding the design, development and various applications of MEMS sensors.
⇒ Ausführliche Angaben: HT020308846

Yen-hui, Audrey-Li / Simpson, Andrew: Functional Structure(s), Form and Interpretation
English. Inhaltliche Zusammenfassung: The issue of how interpretation results from the form and type of syntactic structures present in language is one which is central and hotly debated in both theoretical and descriptive linguistics. This volume brings together a series of eleven new cutting-edge essays by leading experts in East Asian languages which shows how the study of formal structures and functional morphemes in Chinese, Japanese and Korean adds much to our general understanding of the close connections between form and interpretation. This specially commissioned collection will be of interest to linguists of all backgrounds working in the general area of syntax and language change, as well as those with a special interest in Chinese, Japanese and Korean.
⇒ Ausführliche Angaben: HT020310248

Yenisetti, Sarat Chandra: Dopamine - Health and Disease
English. Inhaltliche Zusammenfassung: The chemical basis of human emotions has been an exciting aspect in biology. The feel-good chemical dopamine (DA) is a hormone and also a neurotransmitter, which performs a critical role in reward and movement control in the brain. DA also performs multiple other functions outside the brain. Regulating unrelated critical biological functions makes this chemical a vital factor for sustaining life in both health and disease. Dopamine - Health and Disease is an endeavour with an objective to understand and appreciate the biological functions of DA in human wellbeing and its potential utility in biomedical research. This effort will supplement scientific and non-scientific communities in stimulating a critical understanding of the biological purpose of ticklish DA, which eventually supports the human relentless effort to reduce the burden of disease. As the most exciting molecule, dopamine directly impacts day-to-day life. Anyone who has an eye for health and disease-related concepts will find this book a good read.
⇒ Ausführliche Angaben: HT020309088

Yenisetti, Sarat Chandra: Parkinsons Disease - Understanding Pathophysiology and Developing Therapeutic Strategies
English. Inhaltliche Zusammenfassung: Parkinsons disease (PD) is the second most common neurodegenerative disorder results due to loss of dopamine producing brain cells. Knowledge relating to PD condition has been known since 5000BC, however no effective therapeutic strategies are available till today. Therefore it is important for neurobiologists to work further by taking advantage of modern scientific methods and develop appropriate therapeutic strategies. Efforts in this direction are worthy as they will reduce the burden of PD among elderly, who are already burdened with age related systemic degenerative processes. This book is a humble effort in that progressive direction. It has chapters covering multiple aspects relating
to etiology, pathophysiology of PD, available and futuristic therapeutics strategies. Therefore it will be of interest to common man, biomedical researchers and clinicians. This is one small step in a direction to reduce the burden of neurological disease.

⇒ Ausführliche Angaben: HT020308742

Yennah, Robert / Villaverde, María José / Trousson, Raymond: Jean-Jacques Rousseau (1712-2012)
French. Inhaltliche Zusammenfassung: Si tout au long de lannée 2012, les fastes de la célébration auront pu donner de la critique rousseauiste l’image d’une discipline riche et variée, prospérant avec éclat et virtuosité, cette efflorescence du tricentenaire de la naissance de Jean-Jacques Rousseau (1712-2012) peine à masquer la crise et les divergences parfois violentes qui la traversent. Celles-ci n’auraient guère d’importance, si, entre autres enjeux cruciaux, elles ne touchaient Rousseau lui-même, ainsi que la compréhension que nous pouvons avoir de son oeuvre.-.

⇒ Ausführliche Angaben: HT020309711

Yeoh, Brenda S. A. / Toyota, Mika / Jatrana, Santosh: Migration and Health in Asia
English. Inhaltliche Zusammenfassung: The processes of migration and health are inextricably linked in complex ways, with migration impacting on the mental and physical health of individuals and communities. Health itself can be a motivation for moving or a reason for staying, and migration can have implications on the health of those who move, those who are left behind, and the communities that receive migrants. This volume brings together some of the increasing number of researchers who are studying health and migration in Asia - a continent which is a major exporter and importer of human resources. Using both quantitative and qualitative approaches, the essays included in this work investigate the interdisciplinary issues of health and health-related behaviours in the field of migration. Comprehensive and scholarly. Migration and Health in Asia also covers major themes such as the pandemics of HIV/AIDS and SARS, differential access to health and civil society for migrants, and the health of the populations who are left behind.

⇒ Ausführliche Angaben: HT020310188

Yi, Xiaosu / Tserpes, Konstantinos: ECO-COMPASS
2019. 1 electronic resource (219 pages). ISBN 9783038976905, ISBN 9783038976912 eng. Inhaltliche Zusammenfassung: Today, mainly man-made materials, such as carbon and glass fibers, are used to produce composite parts in aviation. Renewable materials, such as natural fibers or bio-sourced resin systems, have not yet found their way into aviation. The project ECO-COMPASS aims to evaluate the potential applications of ecologically improved composite materials in the aviation sector in an international collaboration of Chinese and European partners. Natural fibers such as flax and ramie will be used for different types of reinforcements and sandwich cores. Furthermore, bio-based epoxy resins to substitute bisphenol-A based epoxy resins in secondary structures are under investigation. Adapted material protection technologies to reduce environmental influence and to improve fire resistance are needed to fulfill the demanding safety requirements in aviation. Modelling and simulation of chosen eco-composites aims for an optimized use of materials while a Life Cycle Assessment aims to prove the ecological advantages compared to synthetic state-of-the-art materials. This Special Issue provides selected papers from the project consortium partners.

⇒ Ausführliche Angaben: HT020307444

Yildirim, Sahin: Design, Control and Applications of Mechatronic Systems in Engineering
English. Inhaltliche Zusammenfassung: This book can serve as a reference resource for those very same design and control engineers who help connect their everyday experience in design
with the control field of mechatronics. This book also consists of basic and main mechatronic systems laboratory applications for use in research and development departments in academia, government, and industry, and it can be used as a reference source in university libraries. It can also be used as a resource for scholars interested in understanding and explaining the engineering design and control process and for engineering students studying within the traditional structure of most engineering departments and colleges. It is evident that there is an expansion of mechatronics laboratories and classes in the university environment worldwide.

⇒ Ausführliche Angaben: HT020308240

**Yildiz, Mustafa: Potato - From Incas to All Over the World**
English. Inhaltliche Zusammenfassung: Potato is the world’s fourth food crop after maize, wheat, and rice and is a staple crop in many diets throughout the world with a high source of proteins, carbohydrates, minerals, and vitamins. Biotic and abiotic stress factors give rise to decrease in yield. That is why improvement of new cultivars resistant to stress factors by conventional and biotechnological methods is extremely important. The most important factor in production increase is the use of healthy seed tubers along with using drought-, heat-, and salt-tolerant cultivars. On the other hand, protection and storage of surplus crops, which are the most important stage in its marketability, are the main problems in potato. In this book, all these issues are discussed, and it is hoped that the book Potato will help growers and researchers in solving problems in potato cultivation.

⇒ Ausführliche Angaben: HT020308758

**Yilmaz, Faris: Aspects of Polyurethanes**
English. Inhaltliche Zusammenfassung: Polyurethanes are formed by reacting a polyl (an alcohol with more than two reactive hydroxyl groups per molecule) with a diisocyanate or a polymeric isocyanate in the presence of suitable catalysts and additives. Because a variety of diisocyanates and a wide range of polyls can be used to produce polyurethane, a broad spectrum of materials can be produced to meet the needs of specific applications. During World War II, a widespread use of polyurethanes was first seen, when they were used as a replacement for rubber, which at that time was expensive and hard to obtain. During the war, other applications were developed, largely involving coatings of different kinds, from airplane finishes to resistant clothing. Subsequent decades saw many further developments and today we are surrounded by polyurethane applications in every aspect of our everyday lives. While polyurethane is a product that most people are not overly familiar with, as it is generally hidden behind covers or surfaces made of other materials, it would be hard to imagine life without polyurethanes.

⇒ Ausführliche Angaben: HT020308448

**Yilmaz, Faris: Conducting Polymers**
English. Inhaltliche Zusammenfassung: An authentic revolution took place in the area of solid-state chemistry and physics just after World War II. The century of solid state started from the modest beginnings of the transistor at Bell Laboratory. Since then, the area of science and technology has been directed primarily toward the study of alloys, ceramics, and inorganic semiconductors. The size of electronic devices became smaller and smaller, while the dimensionality of materials was also reduced just after the invention of the integrated circuit. It is at this point that the advent of the discovery of quasi one-dimensional conductors has opened up a whole new area of nonclassical solid-state chemistry and physics. In the modern world, plastic and electrical devices are always tightly integrated together. However, it was in 1977 that an electrically conductive, quasi one-dimensional organic polymer, polyacetylene, was discovered. During the past 30 years, a variety of different conducting polymers have been developed. Excitement about these polymeric materials is evidenced by the fact that the field of conducting polymers has attracted scientists from such diverse areas of interest as synthetic chemistry, electrochemistry, solid-state physics, materials science, polymer science, electronics, and electrical engineering.
Yilmaz, Faris: Paint and Coatings Industry
English. Inhaltliche Zusammenfassung: Some of the futuristic applications are nanotubes for electrically conductive coatings and to increase the rate of reaction of thermoset resins; organosilane dendrimer coatings; buckyball coatings for machine parts; and metals for conductive coatings in inks. The technology is limited to substantially specialized applications due to the high cost per unit volume needed to reduce the size of the particles and the need to add surface modifiers to prevent the particles from agglomerating. Recent research efforts focus primarily on the functionalization of the particle surface of the nanoparticles to make them more compatible with the coating resin systems, so that easy dispersion, low viscosity, and covalent bonding are provided between the particles and the resins.

Yilmaz, Yusuf: Phthalocyanines and Some Current Applications
English. Inhaltliche Zusammenfassung: Since their initial accidental synthesis and characterization in Scotland in the late 1920s, there has been a strong research focus on the use of phthalocyanines (Pcs) as dyes and pigments. In recent years, active research fields have included their use in electrophotography, photovoltaic and solar cells, molecular electronics, Langmuir-Blodgett films, photosensitizers, electrochromic display devices, gas sensors, liquid crystals, low-dimensional conductors, and optical disks. Phthalocyanines possess interesting biological, electronic, optical, catalytic, and structural properties. The main disadvantage is their insolubility in common solvents due to strong intermolecular - interactions. The solubility of phthalocyanines can be increased by various methods such as the formation of anionic and cationic species and both axial and peripheral substitution. Substitution at the nonperipheral and peripheral positions of the benzo moieties usually enhances their solubility in organic solvents. The most important advantage of phthalocyanines compared to porphyrins is that their Q bands lie at longer wavelengths and are considerably more intense. In this book, you will find synthesis and some applications of various phthalocyanine derivatives.

Yonar, Taner: Desalination
English. Inhaltliche Zusammenfassung: Increasing population and environmental pollution are the main stress on freshwater sources. On the other hand, freshwater needs of human being increase dramatically every day. From agriculture to industry and from household to recreation, we need freshwater. In the near future, saltwater and brackish water bodies may be the main source of freshwater for our planet. Desalination phenomena are now being implemented with increasing interest. The book on desalination provides a valuable scientific contribution on freshwater production from saltwater sources. In this book, necessary theoretical knowledge and experimental results of different desalination processes are presented.

Yonar, Taner: Wastewater and Water Quality
English. Inhaltliche Zusammenfassung: Water is accepted as the most important source of life. It is assumed that life began in water and spread from there to the whole world. But water has been polluted anthropogenically since the beginning of the industrial revolution in the late 19th century. At the end of the 20th century, most water sources cannot be used for aquaculture, irrigation, and human use. Therefore, for sustainable development, we have to protect our water sources on Earth, because its the only planet we have!

Yonemoto, Marcia / Berry, Mary Elizabeth: What Is a Family?
English. Inhaltliche Zusammenfassung: What is a family? The essays gathered here explore disparate family histories in early modern Japan, attending variously to the samurai elite, agrarian villagers, urban merchants, communities of outcastes, and the circles surrounding priests, artists, and scholars. They draw on diverse sources—from population registers and legal documents to personal letters and diaries, from genealogies and necrologies to popular fiction and drama. And while some examine collective practices (the adoption of heirs, the veneration of ancestors), others look intimately at individual actors (a runaway daughter, a murderous wife). What unites these stories is the political and social order of the Tokugawa shogunate (1603-1868), which structured all lives. Families navigated its constraints differently, but the circumstances that made one household unlike another were framed, then as now, by prevailing laws, norms, and controls on resources. Those constraints led the majority to form stem families, the focus of this volume. The essays nonetheless depart from essentialist and nationalist narratives to emphasize that family formation was a dynamic process mediated by particular pressures.

⇒ Ausführliche Angaben: HT020307550

Yonk, Ryan M.: Elections - A Global Perspective
English. Inhaltliche Zusammenfassung: Among the most prized and revered democratic institutions are elections. Few other actions typify what it means to participate in the democratic process in the same way that turning up, casting a ballot, and then having that ballot be part of determining who will control power has. Indeed, elections are at the center of what we view as democracy and much ink has been spilled in attempting to explain just how essential the electoral action is to democracy. In this volume our authors explore elections both from an understanding of the systems that govern elections across both the developed and developing world, and from the perspective of the individual voter who participates in that system. Taken together these analyses provide an intriguing look into this core aspect of democracy.

⇒ Ausführliche Angaben: HT020309228

Yoshida, Takeyoshi / Nishi, Hiroshi / Takashima, Reishi: Dynamics of Arc Migration and Amalgamation - Architectural Examples from the NW Pacific Margin
English. Inhaltliche Zusammenfassung: This book is devoted to the dynamics of arc migration and amalgamation on active plate margins, and we focus on the architectural examples from the NW Pacific margin. Multidisciplinary approach pursuing the complicated tectonic processes is based on stratigraphy, sedimentology, geochemistry, and geophysics. The first chapter is dedicated to the genetic analysis of sedimentary basins in and around arc-trench systems. The following block of chapters deals with the petrological, geochemical, and rock magnetic properties of arc constituents, which inform us of the migration history of crustal blocks on oceanic plates, and spatiotemporal fluctuation in modes of subduction and stress regimes upon the Eurasian convergent margins. Our vision is finally presented as a reconstruction model of plate motion around the study area since the Cretaceous (100 Ma). Diverse contents of this book surely provide the audience with the present accomplishments of tectonic researches for active margins by Earth scientists.

⇒ Ausführliche Angaben: HT020308281

You, Kok Yeow: Emerging Microwave Technologies in Industrial, Agricultural, Medical and Food Processing
English. Inhaltliche Zusammenfassung: Recently, the rapid development of microwave technologies has had a significant impact on current industrial, agricultural, medical, and food processing fields. This book is a self-contained collection of valuable scholarly papers related to the microwave applications. This book contains 10 chapters that cover several subtopics of the microwave engineering, namely, microwave system design models, emerging microwave devices, and microwave heating/drying technologies. Hence, this book should be useful to the academics, scientists, practicing researchers, and postgraduate students whose works are related to microwave technologies.
You, Kok Yeow: Emerging Waveguide Technology
English. Inhaltliche Zusammenfassung: Recently, the rapid development of radiofrequency (RF)/microwave and photonic/optical waveguide technologies has had a significant impact on the current electronic industrial, medical and information and communication technology (ICT) fields. This book is a self-contained collection of valuable scholarly papers related to waveguide design, modeling, and applications. This book contains 20 chapters that cover three main subtopics of waveguide technologies, namely RF and microwave waveguide, photonic and optical waveguide and waveguide analytical solutions. Hence, this book is particularly useful to the academics, scientists, practicing researchers and postgraduate students whose work relates to the latest waveguide technologies.
⇒ Ausführliche Angaben: HT020308820

Yousaf, Zubaida: Plant Ecology - Traditional Approaches to Recent Trends
English. Inhaltliche Zusammenfassung: This book is aimed to cover the phylogenetic and functional ecology with special reference to ecological shifts. I hope this book may benefit the students, fellow professors, and resource managers studying plant sciences. Since the topics stated in this book are not new but the issues and technologies mentioned were new to me, I expect that they will be new and equally advanced for the readers too. I encourage the readers to get out into the field to identify plants and to dig out the anthropogenic and social activities effecting plants to come along with the development of plant ecology; to rise and serve the topic of the enormous number of plants facing extinction; and to relish themselves and make some effort to contribute something to the world.
⇒ Ausführliche Angaben: HT020308887

Yu, Xiao-Ying: Advances in Microfluidics - New Applications in Biology, Energy, and Materials Sciences
English. Inhaltliche Zusammenfassung: Increasing innovations and applications make microfluidics a versatile choice for researchers in many disciplines. This book consists of multiple review chapters that aim to cover recent advances and new applications of microfluidics in biology, electronics, energy, and materials sciences. It provides comprehensive views of various aspects of microfluidics ranging from fundamentals of fabrication, flow control, and droplet manipulation to the most recent exploration in emerging areas such as material synthesis, imaging and novel spectroscopy, and marriage with electronics. The chapters have many illustrations showcasing exciting results. This book should be useful for those who are eager to learn more about microfluidics as well as researchers who want to pick up new concepts and developments in this fast-growing field.
⇒ Ausführliche Angaben: HT020308414

Yuan, Xu-bo: Non-Viral Gene Therapy
English. Inhaltliche Zusammenfassung: This book focuses on recent advancement of gene delivery systems research. With the multidisciplinary contribution in gene delivery, the book covers several aspects in the gene therapy development: various gene delivery systems, methods to enhance delivery, materials with modification and multifunction for the tumor or tissue targeting. This book will help molecular biologists gain a basic knowledge of gene delivery vehicles, while drug delivery scientist will better understand DNA, molecular biology, and DNA manipulation.
⇒ Ausführliche Angaben: HT020307798

Yüksel, Ebubekir / Eyvaz, Murat: Desalination and Water Treatment
The need for fresh water is increasing with the rapid growth of the world's population. In countries and regions with available water resources, it is necessary to ensure the health and safety of the water supply. However, in countries and regions with limited freshwater resources, priority is given to water supply plans and projects, among which the desalination strategy stands out. In the desalination process, membrane and thermal processes are used to obtain fresh water from salty water that is in abundant amounts in the sea. This book will outline valuable scientific contributions to the new desalination and water treatment technologies to obtain high quality water with low negative environmental impacts and cost. The editors would like to record their sincere thanks to the authors for their contributions.

⇒ Ausführliche Angaben: HT020309002

Yuksel, Ebubekir / Eyvaz, Murat: Green Chemistry Applications
English. Inhaltliche Zusammenfassung: Green chemistry is defined as the use of a dozen principles that reduce or eliminate hazardous materials in the design, manufacture, and use of chemical products. Today, it is understood that focusing on precautions to reduce or eliminate existing pollution sources is more effective than looking for a cleaning path after exiting. This book presents the principles of green chemistry for clean production in light of the latest technological developments and increasing environmental awareness. Chapters cover such topics as synthesis and applications of nanomaterials for energy and environmental applications, climate process, alternative green energy sources, and removal of emerging pollutants from water.

⇒ Ausführliche Angaben: HT020309490

Yuksel, Ibrahim / Arman, Hasan: Arid Environments and Sustainability
English. Inhaltliche Zusammenfassung: Arid environments are basically associated with water scarcity. Therefore, soils will have an extremely low moisture level to support plant and animal life as well as human social life. Sustainability is the long durability of systems and processes within various adapted environmental conditions. Recently, systematic scientific studies on arid environments and sustainability have become more attractive, critical, and sound than the previous years. Sharing such experiences related to different environmental circumstances will absolutely help scientists and decision-makers to have better interpretation of their own environment. By learning lessons, appropriate, fast, and effective approaches require to implement for overwhelming such problems. Such actions will certainly lead to more secure and sustainable environments for plant, animal, and human life.

⇒ Ausführliche Angaben: HT020308712

Yun, Yongseung: Gasification for Low-grade Feedstock
English. Inhaltliche Zusammenfassung: Most coveted energy forms nowadays are gas in nature and electricity due to their environmental cleanness and convenience. Recently, gasification market trend is starting to switch to low-grade feedstock such as biomass, wastes, and low-rank coal that are still not properly utilized. In this sense, the most promising area of development in gasification field lies in low-grade feedstock that should be converted to more user-friendly gas or electricity form in utilization. This book tried to shed light on the works on gasification from many parts of the world and thus can feel the technology status and the areas of interest regarding gasification for low-grade feedstock.

⇒ Ausführliche Angaben: HT020308825

Yun, Yongseung: Recent Advances in Carbon Capture and Storage
English. Inhaltliche Zusammenfassung: Carbon capture and storage (CCS) has been considered as a practical way in sequestering the huge anthropogenic CO2 amount with a reasonable
cost until a more pragmatic solution appears. The CCS can work as a bridge before fulfilling the no-CO2 era of the future by applying to large-scale CO2 emitting facilities. But CCS appears to lose some passion by the lack of progress in technical developments and in commercial success stories other than EOR. This is the time to go back to basics, starting from finding a solution in small steps. The CCS technology desperately needs far newer ideas and breakthroughs that can overcome earlier attempts through improving, modifying, and switching the known principles. This book tries to give some insight into developing an urgently needed technical breakthrough through the recent advances in CCS research, in addition to the available small steps like soil carbon sequestration. This book provides the fundamental and practical information for researchers and graduate students who want to review the current technical status and to bring in new ideas to the conventional CCS technologies.

⇒ Ausführliche Angaben: HT020308178

**Yusoff, Noraniza: Urbanization in Northern Corridor Economic Region in Malaysia**


English. Inhaltsliche Zusammenfassung: Urbanization in Northern Corridor Economic Region in Malaysia presents five chapters: Introduction, Paradigm of Urbanization, The Rise of Urbanization, Urbanization in Northern Corridor Economic Region, and Strategy on Urbanization. The book provides an insight into scientific literature on the topic of urbanization, encompassing a variety of publications such as books, magazines, journals, and other formats. The notion of urbanization, related to the urban model and theory, is becoming recognized in academic spheres. Urban theory, within the urban context, aims to define objectives and distinct approaches for the common realization of city living. Urban transition consists of a variety of elements that transform the urban region. The data presented in the book examines the link between various perspectives on urbanization and their outcomes. The strategies on urbanization must involve many domains, because an estimated 1.6 billion citizens currently reside in urban regions.

⇒ Ausführliche Angaben: HT020309391

**Yvinec, Yann / Milisavljevic, Nada / Lacroix, Vinciane: Mine Action - The Research Experience of the Royal Military Academy of Belgium**


English. Inhaltsliche Zusammenfassung: Every day, civilians in dozens of countries around the world are injured and killed by landmines and other lethal leftovers of conflict, years after hostilities of war have ended. Once planted, a mine will never be able to tell the difference between a military and civilian footstep, and a bomblet will continue to attract children and metal dealers. In order to put an end to the suffering and casualties caused by antipersonnel mines, the Convention on the Prohibition of the Use, Stockpiling, Production and Transfer of Anti-Personnel Mines and on their Destruction (the Ottawa Convention or Mine Ban Treaty), was adopted in 1997. Further, in order to prevent suffering and casualties caused by cluster munitions at the time of their use, the Convention on the Use, Stockpiling, Production and Transfer of Cluster Munitions (the Oslo Convention), was adopted in 2008. In 1996, the Royal Military Academy (RMA) opted for the implementation of mine action technological projects funded by the Belgian Ministry of Defense and the Belgian State Secretariat for Development Cooperation. It further decided to set up a close collaboration with other Belgian universities, which started organizing their own research activities on mine action. Later, other funding sources were granted to RMA by the Belgian Science Policy, the European Commission, and the European Committee for Standardization. At a more politico-administrative level, RMA participates in the States Parties Meetings of the Mine Ban Treaty, and in this context, Prof. Acheroy created an expert group on mine action technologies with representatives of different organizations and countries, aiming at informing the States Parties of the Mine Ban Treaty about the evolution of the mine action technologies. Further, Prof. Y. Baudoin created working groups dedicated to robotics in mine action within international organization. This book reports research activities achieved by the RMA.
Zadeh, Mehrdad Hosseini: Advances in Haptics
English. Inhaltsübersicht: Haptic interfaces are divided into two main categories: force feedback and tactile. Force feedback interfaces are used to explore and modify remote/virtual objects in three physical dimensions in applications including computer-aided design, computer-assisted surgery, and computer-aided assembly. Tactile interfaces deal with surface properties such as roughness, smoothness, and temperature. Haptic research is intrinsically multi-disciplinary, incorporating computer science/engineering, control, robotics, psychophysics, and human motor control. By extending the scope of research in haptics, advances can be achieved in existing applications such as computer-aided design (CAD), tele-surgery, rehabilitation, scientific visualization, robot-assisted surgery, authentication, and graphical user interfaces (GUI), to name a few. Advances in Haptics presents a number of recent contributions to the field of haptics. Authors from around the world present the results of their research on various issues in the field of haptics.
⇒ Ausführliche Angaben: HT020309544

Zafar, Fahmina / Sharmin, Eram: Spectroscopic Analyses - Developments and Applications
English. Inhaltsübersicht: The book presents developments and applications of these methods, such as NMR, mass, and others, including their applications in pharmaceutical and biomedical analyses. The book is divided into two sections. The first section covers spectroscopic methods, their applications, and their significance as characterization tools; the second section is dedicated to the applications of spectrophotometric methods in pharmaceutical and biomedical analyses. This book would be useful for students, scholars, and scientists engaged in synthesis, analyses, and applications of materials/polymers.
⇒ Ausführliche Angaben: HT020308507

Zaidi, Beddiaf: Solar Panels and Photovoltaic Materials
English. Inhaltsübersicht: Despite their wide availability and relatively low prices, the conventional energy sources have harmful consequences on the environment and are exhaustible. In order to circumvent these negative effects, the renewable energies in general and the photovoltaic energy in particular are becoming more and more attractive. Solar cell is an electrical device that converts light into electricity at the atomic level. These devices use inorganic or organic semiconductor materials that absorb photons with energy greater than their bandgap to promote energy carriers into their conduction band. They do not pollute the atmosphere by releasing harmful gases, do not require any fuel to produce electricity, and do not move parts so they are rugged. Solar panels have a very long life and do not need much maintenance.
⇒ Ausführliche Angaben: HT020308833

Zak, Andrzej: Advances in Underwater Acoustics
English. Inhaltsübersicht: Underwater acoustics, despite the relatively short history, has already found practical application in many areas of human activity. It allows, among others, depth research, data transmission, and underwater observation and provides maritime transport safety and security against terrorists. Moreover, underwater acoustic technologies are also widely used in medicine, biology, and many other fields. Therefore, it is one of the most developing areas. This book is a collection of experiences of scientists from around the world engaged in research, design, and construction, as well as the daily use of underwater acoustic systems. Giving this book in the hands of the reader, we hope that it will be a treasure trove of knowledge and inspiration for further research in the field of underwater acoustics.
⇒ Ausführliche Angaben: HT020308483

Zak, Andrzej: Pattern Recognition - Selected Methods and Applications
English. Inhaltliche Zusammenfassung: Pattern recognition, despite its relatively short history, has already found practical application in many areas of human activity. Systems of pattern recognition usually support people in performing tasks related to ensuring security, including access to premises and devices, detection of unusual changes (e.g. in medicine, cartography, geology), diagnosing technical conditions of devices, and many others. Nevertheless, pattern recognition is probably the most developing area because of the great demand for such solutions in the different areas of our lives. In this book we have collected the experience of scientists from different parts of the world who have researched diverse areas connected directly or indirectly with pattern recognition. We hope that this book will be a treasure trove of knowledge and inspiration for further research in the field of pattern recognition.

⇒ Ausführliche Angaben: HT020309452

Zakaria, Muhammad Aizzat / Huang, Yanjun / Li, Bin: Path Planning for Autonomous Vehicles - Ensuring Reliable Driverless Navigation and Control Maneuver
English. Inhaltliche Zusammenfassung: Path Planning (PP) is one of the prerequisites in ensuring safe navigation and manoeuvrability control for driverless vehicles. Due to the dynamic nature of the real world, PP needs to address changing environments and how autonomous vehicles respond to them. This book explores PP in the context of road vehicles, robots, off-road scenarios, multi-robot motion, and unmanned aerial vehicles (UAVs).

⇒ Ausführliche Angaben: HT020309526

Zaman, Gaffar Sarwar: Quality Control in Laboratory
English. Inhaltliche Zusammenfassung: The book presents a qualitative and quantitative approach to understand, manage and enforce the integration of statistical concepts into quality control and quality assurance methods. Utilizing a sound theoretical and practical foundation and illustrating procedural techniques through scientific examples, this book bridges the gap between statistical quality control, quality assurance and quality management. Detailed procedures have been omitted because of the variety of equipment and commercial kits used in todays clinical laboratories. Instrument manuals and kit package inserts are the most reliable reference for detailed instructions on current analytical procedures.

⇒ Ausführliche Angaben: HT020308920

Zaman, Gaffar: Ultimate Guide to Insulin
English. Inhaltliche Zusammenfassung: The book presents a qualitative and quantitative approach to understand, manage and enforce the integration of insulin into diabetes mellitus. Utilizing a sound theoretical and practical foundation and illustrating procedural techniques through scientific examples, the book bridges the gap between insulin and diabetes mellitus management. Detailed procedures have been omitted because of the variety of equipment and commercial kits used in todays clinical laboratories.

⇒ Ausführliche Angaben: HT020309226

Zarusky, Jürgen / Wirsching, Andreas / Ischtschenko, Viktor: Erinnerung an Diktatur und Krieg. Brennpunkte des kulturellen Gedächtnisses zwischen Russland und Deutschland seit 1945
German. Inhaltliche Zusammenfassung: Dictatorship and war unite but also divide historical commemoration in Russia and Germany. Twenty-nine German and Russian authors examine key issues in Russian and German cultures of remembrance and their traumatic dimensions. The book includes classical memorial sites such as Stalingrad, memorials for particular groups, problematic historical sites, and the cinematic engagement with contemporary history.
⇒ Ausführliche Angaben: HT020309922

**Zavala San Martín, Ximena / Tikhonov, Natalia / Taraud, Christelle: Femmes exilées politiques**
French. Inhaltliche Zusammenfassung: L'image qui s'impose quand on évoque l'exil politique est le plus souvent masculine: ce serait principalement une affaire d'hommes. Tout au plus quelques femmes apparaissent à titre d'exception, mais la grande majorité d'entre elles sont présentées comme des " réfugiées " ou des " suivieuses ", c'est-à-dire comme des victimes plutôt que des actrices de leur destin. Les femmes n'ont-elles donc jamais dû fuir à cause de leurs convictions, parce que persécutées ou risquant leur vie et leur liberté ? Cet ouvrage présente onze contributions qui, toutes, soulignent l'urgence d'exhumer l'histoire des exilées politiques et l'intérêt de l'étudier dans une dimension de genre. Il montre combien cette approche permet de revisiter le processus de l'exil politique.
⇒ Ausführliche Angaben: HT020309787

**Zedinger, Renate / Vanderhaeghen, Olivier / Van Aelbrouck, Jean-Philippe: Bruxellois à Vienne, Viennois à Bruxelles**
French. Inhaltliche Zusammenfassung: Au XVIIIe siècle, quelques jours, parfois une dizaine à la mauvaise saison, étaient nécessaires pour accomplir le trajet entre Bruxelles et Vienne, lequel passait le plus souvent par Cologne, Francfort, Nuremberg, Ratisbonne, Passau et Linz. On peut penser que, ne quittant à aucun moment les terres d'Empire à l'occasion de ce périple, et en un temps où le cosmopolitisme des élites était une réalité, renforcée encore par l'usage commun de la langue française, les voyageurs n'avaient que peu d'occasions de ressentir un véritable dépaysement. Ce serait sans compter, cependant, avec le caractère très particulier des Pays-Bas au sein de l'ensemble habsbourgeois.-.
⇒ Ausführliche Angaben: HT020309766

**Zeitenwechsel - 100 Jahre Kicker**
⇒ Ein Medium
- Freihand:
⇒ DDC (Dewey Decimal Classification):
  - 770DNB 770DNB
⇒ DDC (Dewey Decimal Classification):
  - 77023dnb 77023dnb
⇒ Ausführliche Angaben: HT020312558

**Zelkina, Anna / Saparov, Arsène / Vatchagaev, Ma'îrbek: Ordres et désordres au Caucase**
French. Inhaltliche Zusammenfassung: Vingt ans après le déclenchement des premiers conflits armés qui ont embrasé la région, la violence ne s'est pas tue au Caucase: elle persiste de façon diffuse au Nord, tandis qu'elle éclatait en août 2008 sur le territoire géorgien une guerre qui remettait pour la première fois en cause les frontières internationales issues de l'effondrement de l'URSS. Cette instabilité persistante ne doit toutefois pas occulter les transformations profondes qui ont affecté la région. Avec l'accession des États du Caucase du Sud à l'indépendance et leur entrée dans la mondialisation, et la redéfinition des relations entre Moscou et les entités nord-caucasiennes, les conflits ont changé. Loin d'une lecture qui verrait dans ces violences la marque d'une culture locale, cet ouvrage s'attache à analyser les évolutions historiques et politiques qui déterminent les conflits, en mettant l'accent sur les effets des mobilisations identitaires et des tutelles extérieures, mais aussi sur leurs ressorts internes. Le lien entre conflits et trajectoires étatiques est donc au cœur de sa problématique. En dépit
d'évolutions très différentes au Nord et au Sud, le Caucase constitue un système de sécurité tant les interdépendances restent importantes. Le défi consiste donc à appréhender la complexité de la région. Les auteurs - caucasiens, russes, occidentaux, tous fins connaisseurs de leur terrain d'étude -, relèvent le défi avec originalité, en restituant l'hétérogénéité de la région. La diversité des points de vue exprimés dans ce livre constitue à cet égard une richesse indéniable. Il apportera des clés de compréhension aux étudiants, aux chercheurs mais aussi aux praticiens, aux journalistes, aux diplomates ou aux voyageurs désireux d'entrer dans la complexité du Caucase sans céder aux clichés.

⇒ Ausführliche Angaben: HT020309792

Zeng, Xiangxiang / Rodríguez-Patón, Alfonso / Zou, Quan: Molecular Computing and Bioinformatics
eng. Inhaltsliche Zusammenfassung: This text will provide the most recent knowledge and advances in the area of molecular computing and bioinformatics. Molecular computing and bioinformatics have a close relationship, paying attention to the same object but working towards different orientations. The articles will range from topics such as DNA computing and membrane computing to specific biomedical applications, including drug R&D and disease analysis.

⇒ Ausführliche Angaben: HT020307383

Zepka, Leila Queiroz / Jacob-Lopes, Eduardo: Frontiers in Bioenergy and Biofuels
English. Inhaltsliche Zusammenfassung: Frontiers in Bioenergy and Biofuels presents an authoritative and comprehensive overview of the possibilities for production and use of bioenergy, biofuels, and coproducts. Issues related to environment, food, and energy present serious challenges to the success and stability of nations. The challenge to provide energy to a rapidly increasing global population has made it imperative to find new technological routes to increase production of energy while also considering the biosphere's ability to regenerate resources. The bioenergy and biofuels are resources that may provide solutions to these critical challenges. Divided into 25 discreet parts, the book covers topics on characterization, production, and uses of bioenergy, biofuels, and coproducts. Frontiers in Bioenergy and Biofuels provides an insight into future developments in each field and extensive bibliography. It will be an essential resource for researchers and academic and industry professionals in the energy field.

⇒ Ausführliche Angaben: HT020308135

Zepka, Leila Queiroz / Jacob-Lopes, Eduardo: Renewable Resources and Biorefineries
English. Inhaltsliche Zusammenfassung: Renewable Resources and Biorefineries presents an authoritative and comprehensive overview of biobased technologies for the production of fuels, food/feed, and materials. This book provides an insight into future developments in each field and an extensive bibliography. It will be an essential resource for researchers and academic and industry professionals in the renewable resources field.

⇒ Ausführliche Angaben: HT020309204

Zeynalova, Mahfuza H. / Hasanova, Sabina / Rustamov, Rustam B.: Multipurposeful Application of Geospatial Data
English. Inhaltsliche Zusammenfassung: This book is dedicated toward space technology application in Earth studies based on the use of a variety of methods for satellite information classification and interpretation. Advantages of geospatial data use in a large-scale area of observation and monitoring as a source of decision-making stage have been demonstrated.
The book describes navigation systems providing data estimation method and review of existing data in the literature relevant to remote sensing sensors delivering main information electromagnetic spectrum and a variety of sensor applications. This aspect is important when combining/integrating satellite data processing into the field measurements. Satellites and satellite data application for the study of Earth features have been demonstrated as the next step of geospatial data application. The use of different purposeful processing technology applications of satellite data is one of the vital aspects of space technology advances. The use of GNSS GPS technology in industry and MODIS images and data interpretation for agriculture purposes has been presented. It was the aim of the book to create an attractive environment by presenting space technology application in the wide areas of Earth study. For this purpose, some of the book chapters are dedicated toward space technology advances in climate monitoring, natural disaster factor detection, satellite data processing optimization, and GIS technology for meteorology information with the aim of agriculture developments.

⇒ Ausführliche Angaben: HT020309655

**Zhang, Baohua / Zhou, Jun: Agricultural Robots - Fundamentals and Applications**  
English. Inhaltsliche Zusammenfassung: Over the past few decades, extensive research has been conducted on the applications of agricultural robots and automation to a variety of field and greenhouse operations, and technical fundamentals and their feasibility have also been widely demonstrated. Due to the unstructured environment, adverse interference and complicated and diversified operation process are the key of blocking its commercialization in robotic agricultural operations. Because of the development of automation techniques, smart sensors, and information techniques, some types of agricultural robots have achieved considerable success in recent years. This book intends to provide the reader with a comprehensive overview of the current state of the art in agricultural robots, fundamentals, and applications in robotic agricultural operations.

⇒ Ausführliche Angaben: HT020309176

**Zhang, Chuanlei / Chen, Yarui / Yoon, Sook: Machine Learning and Biometrics**  
English. Inhaltsliche Zusammenfassung: We are entering the era of big data, and machine learning can be used to analyze this deluge of data automatically. Machine learning has been used to solve many interesting and often difficult real-world problems, and the biometrics is one of the leading applications of machine learning. This book introduces some new techniques on biometrics and machine learning, and new proposals of using machine learning techniques for biometrics as well. This book consists of two parts: Biometrics and Machine Learning for Biometrics. Parts I and II contain four and three chapters, respectively. The book is reviewed by editors: Prof. Jucheng Yang, Prof. Dong Sun Park, Prof. Sook Yoon, Dr. Yarui Chen, and Dr. Chuanlei Zhang.

⇒ Ausführliche Angaben: HT020308928

**Zhang, Feng / Chang-Jiang, Zhang / Ma, Lei-Ming: Understanding of Atmospheric Systems with Efficient Numerical Methods for Observation and Prediction**  
English. Inhaltsliche Zusammenfassung: Although the technology of observation and prediction of atmospheric systems draws upon many common fields, until now the interrelatedness and interdisciplinary nature of these research fields have scarcely been discussed in one volume containing fundamental theories, numerical methods, and operational application results. This is a book to provide in-depth explorations of the numerical methods developed to better understand atmospheric systems, which are introduced in eight chapters. Chapter 1 presents an efficient algorithm for tropical cyclone center determination by using satellite imagery.
Chapter 2 aims to identify atmospheric systems with a new polarization remote sensing method. Chapters 3-8 place emphasis on enhancing the performance of numerical models in the prediction of atmospheric systems that should be valuable for researchers and forecasters.

⇒ Ausführliche Angaben: HT020309359

Zhang, Tao: Phosphorus - Recovery and Recycling
English. Inhaltliche Zusammenfassung: Phosphorus, as a common chemical substance, plays an important role in human life, but also causes serious harm to the environment. The recovery and utilization of phosphorus is extremely urgent. The series of studies carried out by the author are described in detail in this book.
⇒ Ausführliche Angaben: HT020309427

Zhang, Weizhen: Gluconeogenesis
English. Inhaltliche Zusammenfassung: Gluconeogenesis, the metabolic process through which glucose or glycogen is synthesized from noncarbohydrate substrates, is critical for maintaining the plasma glucose level within a narrow range either in the fed or fasting (nutritional deprivation) state. Dysregulation of this pathway usually causes severe or even fatal outcomes. This book discusses a series of up-to-date topics about this critical process, including the fundamental biochemical reactions of glucose metabolism, the gluconeogenesis process in eukaryotic cells using the Dictyostelium discoideum as a model, the role of gut-brain-liver axis in the control of glucose homeostasis, and the new mathematic model for the monitoring and prediction of blood glucose. This book is written by international scientists with expertise in the study of gluconeogenesis. By presenting a clear and succinct review of the fundamentals of gluconeogenesis, it is expected to draw more attentions and stimulate more scientists to dedicate their researches in revealing the mechanism and its application of gluconeogenesis.
⇒ Ausführliche Angaben: HT020308359

Zhang, Yingyi: Recovery and Utilization of Metallurgical Solid Waste
English. Inhaltliche Zusammenfassung: At present, a lot of metallurgical solid wastes have not been timely and effectively recycled, resulting in serious problems of environmental pollution and waste of resources. As a result, large-scale comprehensive utilization technologies have been initiated, including slag dry granulation technology, steel slag cement technology, slag wool technology, slag waste heat recovery technology, etc. The comprehensive utilization of metallurgical solid waste has attracted worldwide attention. It is an effective way to improve the utilization efficiency of resources and the added value of products by using scientific metallurgical solid waste recycling methods. This book intends to provide the reader with a comprehensive overview of metallurgical solid wastes comprehensive utilization technology. The comprehensive utilization methods of four representative metallurgical solid wastes are emphatically described, such as blast furnace slag, steel slag, tailings and metallurgical dust.
⇒ Ausführliche Angaben: HT020309251

Zhang, Yuanzhi / Liang, X. San: Coastal Environment, Disaster, and Infrastructure - A Case Study of Chinas Coastline
English. Inhaltliche Zusammenfassung: The coastal environment is deteriorating at an alarming rate and is currently a great societal concern. This book provides a selected collection of papers on coastal environmental change, coastal disasters, and coastal infrastructure due to global warming, with a focus on the coasts of the rapidly developing country China. What makes the book distinctly different from others is its diversity, reflecting the interdisciplinary nature of coastal problems. With contributions from over 30 authors, the book is a comprehensive account of diverse topics, such as coastal upwelling, estuarine processes, coastal pollution, sea level rise, meteorological and atmospheric problems, urbanization and the heat island effect, and coastal infrastructure, to name just a few, from theoretical study and
phenomenological description, to methodological development. This book is expected to serve as a relatively comprehensive reference for coastal researchers, graduate students, as well as policymakers and coastal resource managers.

⇒ Ausführliche Angaben: HT020309111

**Zhong, Miao: Epitaxy**
English. Inhaltliche Zusammenfassung: The edited volume Epitaxy is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field of materials science. The book comprises single chapters authored by various researchers and edited by an expert active in this research area. All chapters are complete in themselves but are united under a common research study topic. This publication aims at providing a thorough overview of the latest research efforts by international authors in the field of materials science as well as opening new possible research paths for further developments.

⇒ Ausführliche Angaben: HT020308606

**Zhou, Chi / Zheng, Jing: Hypoxia and Human Diseases**
English. Inhaltliche Zusammenfassung: This book contains a total of 21 chapters, each of which was written by experts in the corresponding field. The objective of this book is to provide a comprehensive and updated overview of cellular and molecular mechanisms underlying hypoxias impacts on human health, as well as current advances and future directions in the detection, recognition, and management of hypoxia-related disorders. This collection of articles provides a clear update in the area of hypoxia research for biomedical researchers, medical students, nurse practitioners, and practicing clinicians in the fields of high altitude biology, cardiovascular biology and medicine, tumor oncology, obstetrics, pediatrics, and orthodontics and for others who may be interested in hypoxia.

⇒ Ausführliche Angaben: HT020308143

**Zhou, Ting: Promising Detoxification Strategies to Mitigate Mycotoxins in Food and Feed**
eng. Inhaltliche Zusammenfassung: This book is a printed edition of the Special Issue Promising Detoxification Strategies to Mitigate Mycotoxins in Food and Feed that was published in Toxins.

⇒ Ausführliche Angaben: HT020307449

**Zhou, Yongxia: Traumatic Brain Injury - Neurobiology, Diagnosis and Treatment**
English. Inhaltliche Zusammenfassung: Traumatic brain injury (TBI) is a significant public health problem. There are several advanced techniques available for the investigation of disease neurobiology, diagnosis, and treatment. This book covers many topics in the active TBI research field such as cumulative mild head injury review, brain changes, and risk factors, as well as post-concussion syndrome (PCS) definition, classification, and association with brain dysfunction. Brain changes, including blood flow, intracranial pressure, and neuro-inflammation, the neurobiological basis of neuroprotective activation, as well as correlation with PCS, including sleep, are illustrated further. Furthermore, multiple biomarkers, including S-100?, UCH-L1, and GFAP for blood-brain barrier breakdown and neuronal injury, are reviewed thoroughly. Lastly, well-evaluated neuroprotective agents, hypothermia as a neuroprotective effect in TBI, and effects investigation, as well as sedation in TBI as a neurocritical and therapeutic strategy with different assessments, are reported. This book introduces readers to a number of perspectives, including TBI disease pathophysiology and post-concussion
syndrome classification, associated brain changes, imaging diagnosis, and several useful biomarkers with high sensitivities, as well as multiple therapeutic strategies. Various advanced technical developments, upfront neuroimaging, and clinical data are presented together with comprehensive, up-to-date, and interesting examples. Detailed reviews and accurate illustrations together with objective and informative discussions of several challenging problems such as PCS and neuroprotective treatments are the advantages of this book. Finally, this book will hopefully convey the clinical aspects of TBI and help guide diagnosis and therapeutic research in this field.

⇒ Ausführliche Angaben: HT020309487

Zhou, Yu-Ping / Jiang, Jin-Wu: Handbook of Stillinger-Weber Potential Parameters for Two-Dimensional Atomic Crystals
English. Inhaltliche Zusammenfassung: A large number of two-dimensional atomic crystals have emerged in recent years. The interatomic potential is a fundamental ingredient for the simulation of these atomic crystals. This book provides the parameters of the Stillinger-Weber potential for 156 two-dimensional atomic crystals, which will help readers to efficiently start up their simulations.

⇒ Ausführliche Angaben: HT020308517

Zhu, Ivan X.: Nitrification and Denitrification
English. Inhaltliche Zusammenfassung: Nitrification and denitrification are essential processes for aquatic ecological system and vital for human health. While ammonia is applied for disinfection together with chlorine to produce chloramine, excessive ammonia may cause nitrification and bacteria growth in water transmission pipeline. Since excessive discharge may cause eutrophication and deterioration of aquatic system, nitrate is regulated for wastewater discharge in sensitive areas. Further, nitrate needs to be monitored and controlled in drinking water treatment to protect against methemoglobinemia in bottle-fed infants.

⇒ Ausführliche Angaben: HT020308323

Zhu, Ivan X.: Sewage
English. Inhaltliche Zusammenfassung: Wastewater treatment and sludge disposal are important for protecting receiving rivers, lakes, and other water bodies, and vital for human health. Since excessive discharge may cause eutrophication and deterioration of aquatic systems, the US EPA and other national agencies have set guidelines for wastewater discharge standards. Conventional technologies are well developed and widely applied worldwide for wastewater treatment; however, new ideas and new technologies are gaining additional interest for the sake of water and energy reuse. While water is essential in arid regions, wastewater reuse and recycling have been playing an important role in human life. Although there are no universal standards for industrial and agriculture reuse, balancing wastewater treatment and public health protection presents challenges and opportunities.

⇒ Ausführliche Angaben: HT020308880

Zhurbenko, Vitaliy: Passive Microwave Components and Antennas
English. Inhaltliche Zusammenfassung: Modelling and computations in electromagnetics is a quite fast-growing research area. The recent interest in this field is caused by the increased demand for designing complex microwave components, modeling electromagnetic materials, and rapid increase in computational power for calculation of complex electromagnetic problems. The first part of this book is devoted to the advances in the analysis techniques such as method of moments, finite-difference time-domain method, boundary perturbation theory, Fourier analysis, mode-matching method, and analysis based on circuit theory. These techniques are considered with regard to several challenging technological applications such as those related to electrically large devices, scattering in layered structures, photonic crystals,
and artificial materials. The second part of the book deals with waveguides, transmission lines and transitions. This includes microstrip lines (MSL), slot waveguides, substrate integrated waveguides (SIW), vertical transmission lines in multilayer media as well as MSL to SIW and MSL to slot line transitions.
⇒ Ausführliche Angaben: HT020309547

Ziaei, Alireza: Frontiers in Ophthalmology and Ocular Imaging
English. Inhaltliche Zusammenfassung: Imagination is the key to any discovery, and its presence in the science to improve vision is no exception. Vision science is racing forward, spurred on by a host of exciting novel research discoveries and the efforts of scientists. This book, a collection of reviewed and relevant research chapters, intends to provide readers with a comprehensive overview of the latest and most advanced findings in several aspects of ophthalmology, ophthalmic pathology, ocular imaging, and certain treatments and surgical strategies. It is an excellent, well-integrated review of treatment options in eye disease that aims to provide a thorough overview of the recent developments written by international authors. Frontiers in Ophthalmology and Ocular Imaging can be used as an important reference for clinically oriented ophthalmologists and scientists.
⇒ Ausführliche Angaben: HT020309411

Ziebowicz, Boguslaw / Staszuk, Marcin / Tanski, Tomasz: Atomic-force Microscopy and Its Applications
English. Inhaltliche Zusammenfassung: Atomic force microscopy is a surface analytical technique used in air, liquids or a vacuum to generate very high-resolution topographic images of a surface, down to atomic resolution. This book is not only for students but also for professional engineers who are working in the industry as well as specialists. This book aims to provide the reader with a comprehensive overview of the new trends, research results and development of atomic force microscopy. The chapters for this book have been written by respected and well-known researchers and specialists from different countries. We hope that after studying this book, you will have objective knowledge about the possible uses of atomic force microscopy in many scientific aspects of our civilisation.
⇒ Ausführliche Angaben: HT020309223

Ziegler, Birgit / Frommberger, Dietmar / Wittmann, Eveline: Jahrbuch der berufs- und wirtschaftspädagogischen Forschung 2018
German. Inhaltliche Zusammenfassung: Das Jahrbuch für Berufs- und Wirtschaftspädagogik gibt einen Überblick über den aktuellen Stand der einschlägigen Forschung. Mit diesem Zuschnitt wird dem breiten thematischen und methodologischen Spektrum der Forschung und Theoriebildung in der Berufs- und Wirtschaftspädagogik Rechnung getragen.: The Jahrbuch für Berufs- und Wirtschaftspädagogik provides an overview of the current state of relevant research. This volume takes into account the broad thematic and methodological spectrum of research and theory formation in vocational and business education.: What are the goals and conditions for the success of computer education in elementary and primary education? With a view to the pedagogical and content-related target dimensions of informatics education, experts in the field make recommendations for the development of the content offerings of the House of Little Researchers Foundation in the field of informatics. In addition, the implementation of these recommendations is illustrated in the Foundations offerings.
⇒ Ausführliche Angaben: HT020310470

Zielinski, Adam / Sroka, Marek / Tanski, Tomasz: Creep
English. Inhaltliche Zusammenfassung: This book contains 12 chapters with original and innovative research studies in the issues related to the broadly defined creep effect, which concerns not only the area of construction materials but also natural phenomena. The emphasis
on the discussion of a new trend of experimental creep testing, which binds the classic creep methods to seek the correlation of parameters obtained in tests, deserves particular attention. This book aims to provide the readers, including, but not limited to, students and doctoral students and also the research personnel and engineers involved in the operation of equipment and structural components as well as specialists in high-temperature creep-resisting materials, with a comprehensive review of new trends in the field of creep-exposed materials and their research methodology. The chapters of this book were developed by respected and well-known researchers from different countries.

⇒ Ausführliche Angaben: HT020308539

Ziglio, Giuliano / Andreottola, Gianna / Foladori, Paolo: Sludge Reduction Technologies in Wastewater Treatment Plants
English. Inhaltliche Zusammenfassung: Sludge Reduction Technologies in Wastewater Treatment Plants is a review of the sludge reduction techniques integrated in wastewater treatment plants with detailed chapters on the most promising and most widespread techniques. The aim of the book is to update the international community on the current status of knowledge and techniques in the field of sludge reduction. It will provide a comprehensive understanding of the following issues in sludge reduction: principles of sludge reduction techniques; process configurations; potential performance; advantages and drawbacks; and economics and energy consumption. This book will be essential reading for managers and technical staff of wastewater treatment plants as well as graduate students and post-graduate specialists.

⇒ Ausführliche Angaben: HT020309864

Zilfyan, Artashes: Difficulties in Cataract Surgery
English. Inhaltliche Zusammenfassung: For thousands of years, cataract surgery continues to be the pearl of ophthalmic surgery. It is explained by the fact that cataract removal always leads to an increase in visual acuity of patients. A new technology of cataract removal, phacoemulsification, was introduced by Charles Kelman in 1967. Despite this, it was difficult for the surgeons to transform from extracapsular cataract extraction to the new method - phacoemulsification. Recently, in the ophthalmological practice, the method of femtolaser cataract surgery (FLACS) has been introduced. This method allows you to automatically perform the basic stages of cataract surgery - corneal incisions, capsulorhexis, nucleus fracture. At the same time, to apply the various techniques of cataract surgery, the surgeon must possess virtually all the necessary techniques. This is dictated by the fact that, as a rule, cataract itself is rarely isolated - senile. Knowledge of the basic rules of cataract surgery, the use of pupillary rings and iris retractors in narrow pupils, the use of capsular rings in subluxations of the lens, the use of special modes of phaco in severe late cataracts, and a comprehensive clinical way of thinking can undoubtedly reduce the complications of cataract surgery.

⇒ Ausführliche Angaben: HT020308765

Zivieri, Roberto: Superfluids and Superconductors
English. Inhaltliche Zusammenfassung: This book covers some of the most recent advances in the field of superfluids and superconductors. More specifically, it presents some of the most advanced theoretical formulations of superfluidity and superconductivity with special regard to their topological properties and vortex dynamics together with a description of the main experiments carried out via experimental techniques at the forefront to study these two such important phenomena in condensed matter physics. Special emphasis is given to ultracold Fermi gases, to clean liquid helium and to vortex membranes and knots for the class of superfluids and to the emerging superconductivity, to intermediate states in type-I superconductors, and to heat treatments to modulate the critical temperature for the class of superconductors.

⇒ Ausführliche Angaben: HT020308749

Zlatev, Roumen / Stoytcheva, Margarita: Applications of the Voltammetry
The present book Applications of Voltammetry is a collection of six chapters, organized in two sections. The first book section is dedicated to the application of mathematical methods, such as multivariate calibration coupled with voltammetric data and numeric simulation to solve quantitative electroanalytical problems. The second book section is devoted to the electron transfer kinetic studies and electroanalytical applications of the voltammetry, such as interfacial electron transfer of the haem group in human haemoglobin molecules, physisorbed on glass-/tin-doped indium oxide substrates, analysis of dyes and metal ions in trace concentrations and characterization of the antioxidant properties of wine and wine products, using a variety of voltammetric techniques and electrodes. The most recent trends and advances in voltammetry are professionally commented.

⇒ Ausführliche Angaben: HT020308290

Zlatev, Roumen / Stoytcheva, Margarita: Arsenic - Analytical and Toxicological Studies
English. Inhaltliche Zusammenfassung: Arsenic - Analytical and Toxicological Studies is a collection of original works focused on arsenic occurrence and chemistry, methods for arsenic determination and removal and arsenic toxicity and health risks. The most commonly used techniques for arsenic quantification and speciation, such as atomic absorption spectrometry, inductively coupled plasma-mass spectrometry, and inductively coupled plasma-emission spectrometry, among others, and the various procedures applied for arsenic separation and removal are exhaustively described. The mechanism of arsenic-induced toxicology, involving arsenic interaction with critical thiols in proteins and the health risks associated with exposure to arsenic, is also discussed.

⇒ Ausführliche Angaben: HT020308886

Zouaghi, Taher: Earthquakes - Tectonics, Hazard and Risk Mitigation
English. Inhaltliche Zusammenfassung: This book is devoted to diverse aspects of earthquake researches, especially to new achievements in seismicity that involves geosciences, assessment, and mitigation. Chapters contain advanced materials of detailed engineering investigations, which can help more clearly appreciate, predict, and manage different earthquake processes. Different research themes for diverse areas in the world are developed here, highlighting new methods of studies that could be helpful for the earthquake risk. The presented and developed themes mainly concern waves characterization and decomposition, recent seismic activity, assessment-mitigation, and engineering techniques. The book provides the state of the art on recent progress in earthquake engineering and management. The obtained results show a scientific progress that has an international scope and, consequently, should open perspectives to other still unresolved interesting aspects.

⇒ Ausführliche Angaben: HT020308138

Zouaghi, Taher: Gravity - Geoscience Applications, Industrial Technology and Quantum Aspect
English. Inhaltliche Zusammenfassung: This book deals with different aspects of gravity that has proved its effectiveness throughout the world, hence their solicitation in recent years. Fundamental theories, applications, and tools have been presented, emphasizing the implementation of the gravity technique. Different research themes for diverse areas in the world are detailed here, highlighting new methods of studies that could be helpful for sophisticated and modern development over the next few years. Four main sections are presented: Gravity Interpretation Tools in Geoscience, Gravity in Geoscience Applications, Gravity in Industrial Technology, and Quantum Gravity. Theoretical and acquisition tools and adapted processing methods have been designed to take into account the initial data, and modeling results thus
converge toward a better solution. This book, which makes a worthwhile contribution to the topic gravity, is specifically addressed to specialists, researchers, and industry professionals who shall find its content extremely useful for a better comprehension of the geological, spatial, and industrial aspects of gravity.

⇒ Ausführliche Angaben: HT020308582

**Zoveidavianpoor, Mansoor: Current Topics in the Utilization of Clay in Industrial and Medical Applications**  
English. Inhaltliche Zusammenfassung: This book presents recent developments and research activities that highlight the importance of clay science and engineering in the environment and medical and civil engineering. The book contains nine chapters separated into three main sections: (1) Clay for the Environment, (2) Clay in Civil Engineering, and (3) Clay in Medical Applications. There are four chapters in the first section and the focus is made on the topics related to an introduction to the natural sources and chemical structure of one of the important clay types, montmorillonite. The application of waste recycling and the removal of arsenic and fluoride are the focus of next two chapters. In addition, a technique for corrosion protection is presented as the fourth chapter within this section. In the second section, special emphasis has been placed on the importance and application of clay in civil engineering, which is demonstrated in two chapters. In the third section, new research and development on utilizing clay minerals in medical applications is presented. Intended for readers wishing to acquire an understanding of the current trends in clay science and engineering and comprehension of the issue, this book addresses exciting topics in this field.

⇒ Ausführliche Angaben: HT020308975

**Zoveidavianpoor, Mansoor: Petroleum Chemicals - Recent Insight**  
English. Inhaltliche Zusammenfassung: A vast amount has been written about petroleum fuels, including books and guidelines; hence, we thought it timely to produce a book Petroleum Fuels: Recent Updates, which covers the most important areas in the topic. In its pages, we tried to include advances toward green and sustainable viable products in terms of biodiesel production and chemical transformation. The book contains rich extracts from experts in the fuel field, including technical/environmental and econometric aspects.

⇒ Ausführliche Angaben: HT020309384

**Zoveidavianpoor, Mansoor: Recent Insights in Petroleum Science and Engineering**  
English. Inhaltliche Zusammenfassung: This book presents new insights into the development of different aspects of petroleum science and engineering. The book contains 19 chapters divided into two main sections: (i) Exploration and Production and (ii) Environmental Solutions. There are 11 chapters in the first section, and the focus is on the topics related to exploration and production of oil and gas, such as characterization of petroleum source rocks, drilling technology, characterization of reservoir fluids, and enhanced oil recovery. In the second section, the special emphasis is on waste technologies and environmental cleanup in the downstream sector. The book written by numerous prominent scholars clearly shows the necessity of the multidisciplinary approach to sustainable development in the petroleum industry and stresses the most updated topics such as EOR and environmental cleanup of fossil fuel wastes.

⇒ Ausführliche Angaben: HT020308567