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## **KEY=USER - SIENA JULISSA**

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### **DICOM STRUCTURED REPORTING**

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*PixelMed Publishing*

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### **GUIDE TO BEST PRACTICES FOR OCEAN CO2 MEASUREMENTS**

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### **GOOD RESEARCH PRACTICE IN NON-CLINICAL PHARMACOLOGY AND BIOMEDICINE**

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*Springer Nature* **This open access book, published under a CC BY 4.0 license in the Pubmed indexed book series Handbook of Experimental Pharmacology, provides up-to-date information on best practice to improve experimental design and quality of research in non-clinical pharmacology and biomedicine.**

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### **NIOSH MANUAL OF ANALYTICAL METHODS**

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### **TINY HABITS**

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### **THE SMALL CHANGES THAT CHANGE EVERYTHING**

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*Eamon Dolan Books* **The world's leading expert on habit formation shows how you can have a happier, healthier life: by starting small. Myth: Change is hard. Reality: Change can be easy if you know the simple steps of Behavior Design. Myth: It's all about willpower. Reality: Willpower is fickle and finite, and exactly the wrong way to create habits. Myth: You have to make a plan and stick to it. Reality: You transform your life by starting small and being flexible. BJ FOGG is here to change your life--and revolutionize how we think about human behavior. Based on twenty years of research and Fogg's experience coaching more than 40,000 people, Tiny Habits cracks the code of habit formation. With breakthrough discoveries in every chapter, you'll**

learn the simplest proven ways to transform your life. Fogg shows you how to feel good about your successes instead of bad about your failures. Already the habit guru to companies around the world, Fogg brings his proven method to a global audience for the first time. Whether you want to lose weight, de-stress, sleep better, or be more productive each day, Tiny Habits makes it easy to achieve.

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## **ARM ARCHITECTURE REFERENCE MANUAL**

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*Addison-Wesley Professional* **About the ARM Architecture** The ARM architecture is the industry's leading 16/32-bit embedded RISC processor solution. ARM Powered microprocessors are being routinely designed into a wider range of products than any other 32-bit processor. This wide applicability is made possible by the ARM architecture, resulting in optimal system solutions at the crossroads of high performance, low power consumption and low cost. **About the book** This is the authoritative reference guide to the ARM RISC architecture. Produced by the architects that are actively working on the ARM specification, the book contains detailed information about all versions of the ARM and Thumb instruction sets, the memory management and cache functions, as well as optimized code examples. 0201737191B05092001

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## **ANALYSIS AND DESIGN OF FLIGHT VEHICLE STRUCTURES**

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*Jacobs Pub*

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## **COMPARATIVE QUANTIFICATION OF HEALTH RISKS: SEXUAL AND REPRODUCTIVE HEALTH**

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*World Health Organization* **Accompanying CD-ROM** contains annex tables detailing population attributable fractions, mortality, and disease burden for selected major risk factors.

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## **DIGITAL IMAGING AND COMMUNICATIONS IN MEDICINE (DICOM)**

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### **A PRACTICAL INTRODUCTION AND SURVIVAL GUIDE**

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*Springer Science & Business Media* **This is the second edition of a very popular book on DICOM that introduces this complex standard from a very practical point of view. It is aimed at a broad audience of radiologists, clinical administrators, information technologists, medical students, and lecturers. The book provides a gradual, down to earth introduction to DICOM, accompanied by an analysis of the most common problems associated with its implementation. Compared with the first edition, many improvements and additions have been made, based on feedback from readers. Whether you are running a teleradiology project or writing DICOM software, this book will provide you with clear and helpful guidance. It will prepare you for any DICOM projects or problem solving, and assist you in taking full advantage of multifaceted DICOM functionality.**

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## **SPIN PHYSICS IN SEMICONDUCTORS**

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*Springer Science & Business Media* The purpose of this collective book is to present a non-exhaustive survey of sp- related phenomena in semiconductors with a focus on recent research. In some sense it may be regarded as an updated version of the Optical Orientation book, which was entirely devoted to spin physics in bulk semiconductors. During the 24 years that have elapsed, we have witnessed, on the one hand, an extraordinary development in the wonderful semiconductor physics in two dimensions with the accompanying revolutionary applications. On the other hand, during the last maybe 15 years there was a strong revival in the interest in spin phenomena, in particular in low-dimensional semiconductor structures. While in the 1970s and 1980s the entire world population of researchers in the field never exceeded 20 persons, now it can be counted by the hundreds and the number of publications by the thousands. This explosive growth is stimulated, to a large extent, by the hopes that the electron and/or nuclear spins in a semiconductor will help to accomplish the dream of factorizing large numbers by quantum computing and eventually to develop a new spin-based electronics, or “spintronics”. Whether any of this will happen or not, still remains to be seen. Anyway, these ideas have resulted in a large body of interesting and exciting research, which is a good thing by itself. The field of spin physics in semiconductors is extremely rich and interesting with many spectacular effects in optics and transport.

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## **PHYSICS OF THE LIFE SCIENCES**

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*Springer Science & Business Media* Each chapter has three types of learning aides for students: open-ended questions, multiple-choice questions, and quantitative problems. There is an average of about 50 per chapter. There are also a number of worked examples in the chapters, averaging over 5 per chapter, and almost 600 photos and line drawings.

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## **CLINICAL GUIDE TO FISH MEDICINE**

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*John Wiley & Sons* **Clinical Guide to Fish Medicine** Designed as a practical resource, **Clinical Guide to Fish Medicine** provides an evidence-based approach to the veterinary care of fish. This guide—written and edited by experts in the field—contains essential information on husbandry, diagnostics, and case management of bony and cartilaginous fish. This important resource: Provides clinically relevant information on topics such as anatomy, water quality, life-support systems, nutrition, behavioral training, clinical examination, clinical pathology, diagnostic imaging, necropsy techniques, anesthesia and analgesia, surgery, medical treatment, and transport Describes common presenting problems of fish, including possible differentials and practical approaches Reviews key information on non-infectious and infectious diseases of fish in a concise

format that is easily accessible in a clinical setting Written for veterinarians, biologists, technicians, specialists, and students, **Clinical Guide to Fish Medicine** offers a comprehensive review of veterinary medicine of fish.

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## **HANDBOOK OF COMPARATIVE WORLD STEEL STANDARDS**

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*ASTM International*

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## **ADVANCES IN LITHIUM-ION BATTERIES**

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*Springer Science & Business Media* In the decade since the introduction of the first commercial lithium-ion battery research and development on virtually every aspect of the chemistry and engineering of these systems has proceeded at unprecedented levels. This book is a snapshot of the state-of-the-art and where the work is going in the near future. The book is intended not only for researchers, but also for engineers and users of lithium-ion batteries which are found in virtually every type of portable electronic product.

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## **GENERATION AND APPLICATIONS OF EXTRA-TERRESTRIAL ENVIRONMENTS ON EARTH**

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*River Publishers* This book has been prepared under the auspice of the European Low Gravity Research Association (ELGRA). The main task of ELGRA is to foster the scientific community in Europe and beyond in conducting gravity and space-related research. This publication is dedicated to the science community, and especially to the next generation of scientists and engineers interested in space research and in the means to use Earth to reproduce the space environment. ELGRA provides a comprehensive description of space conditions and the means that have been developed on Earth to perform space environmental and (micro-) gravity related research. . The book covers ground-based research instruments and environments for both life and physical sciences research. It discusses the opportunities and limitations of protocols and instruments to compensate gravity or simulate microgravity, such as clinostats, random positioning machines, levitating magnets, electric fields, vibrations, tail suspension or head down tilt, as well as centrifuges for hyper-g studies. Other space environmental conditions are addressed too, like cosmic radiation or Mars atmospheric and soil properties to be replicated and simulated on Earth. Future long duration of manned missions, personal well-being and crew interaction are major issues dealt with.

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## **HOW TO GET INTO THE TOP MBA PROGRAMS, 5TH EDITION**

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*Penguin Surefire* Strategies for Getting Into the Top MBA Programs Now with new and expanded information on international MBA programs, comprehensive rankings of the leading schools, and new interviews with

admissions officers, *How to Get Into the Top MBA Programs* provides a complete overview of what the top schools look for. This book features a step-by-step guide to the entire application process with in-depth advice from more than thirty admissions directors. It shows you how to: ? Develop your optimal marketing strategy ? Assess and upgrade your credentials ? Choose the programs that are right for you ? Write quality essays for maximum impact ? Choose and manage your recommenders ? Ace your interviews Prepare for business school and get the most out of your program once you go.

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## **ADVANCED FIBER OPTICS**

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*Information Gatekeepers Inc* This book provides a comprehensive treatment of the field of modern fiber optics, beginning with the basics of the field summarized in an introductory chapter. Expert contributors then topics such as polarization effects in optical fibers; photonic crystal fibers; highly-doped optical fibers; non-linear effects; amplification and lasing i

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## **SECTION 1557 OF THE AFFORDABLE CARE ACT**

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*American Dental Association* Section 1557 is the nondiscrimination provision of the Affordable Care Act (ACA). This brief guide explains Section 1557 in more detail and what your practice needs to do to meet the requirements of this federal law. Includes sample notices of nondiscrimination, as well as taglines translated for the top 15 languages by state.

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## **INVEST IN WOMEN, INVEST IN AMERICA**

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### **A COMPREHENSIVE REVIEW OF WOMEN IN THE U.S. ECONOMY**

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*Government Printing Office* **NOTE: NO FURTHER DISCOUNT FOR THIS PRINT PRODUCT -- OVERSTOCK SALE --** Significantly reduced list price Provides a comprehensive review of women in the U.S. economy so that policymakers could have a better understanding of women's essential contributions to our economy and their potential to play a stronger role in our economic recovery. Women resources collection can be found here:  
<https://bookstore.gpo.gov/catalog/minorities-cultures-languages/women>

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## **MATERIALS HANDBOOK**

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### **A CONCISE DESKTOP REFERENCE**

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*Springer Science & Business Media* This unique and practical book provides quick and easy access to data on the physical and chemical properties of all classes of materials. The second edition has been much expanded to include whole new families of materials while many of the existing families are broadened and refined with new material and up-to-date information. Particular emphasis is placed on the properties of common industrial materials in each class. Detailed appendices provide additional

information, and careful indexing and a tabular format make the data quickly accessible. This book is an essential tool for any practitioner or academic working in materials or in engineering.

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## **POCKET BOOK OF HOSPITAL CARE FOR CHILDREN**

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### **GUIDELINES FOR THE MANAGEMENT OF COMMON CHILDHOOD ILLNESSES**

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*World Health Organization* **The Pocket Book is for use by doctors nurses and other health workers who are responsible for the care of young children at the first level referral hospitals. This second edition is based on evidence from several WHO updated and published clinical guidelines. It is for use in both inpatient and outpatient care in small hospitals with basic laboratory facilities and essential medicines. In some settings these guidelines can be used in any facilities where sick children are admitted for inpatient care. The Pocket Book is one of a series of documents and tools that support the Integrated Managem.**

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## **LITHIUM-ION BATTERIES**

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### **SCIENCE AND TECHNOLOGIES**

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*Springer Science & Business Media* **Here in a single source is an up-to-date description of the technology associated with the Li-Ion battery industry. It will be useful as a text for researchers interested in energy conversion for the direct conversion of chemical energy into electrical energy.**

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## **COMPLEX INORGANIC SOLIDS**

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### **STRUCTURAL, STABILITY, AND MAGNETIC PROPERTIES OF ALLOYS**

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*Springer Science & Business Media* **One of the key aspects of this volume is to cut across the traditional taxonomy of disciplines in the study of alloys. Hence there has been a deliberate attempt to integrate the different approaches taken towards alloys as a class of materials in different fields, ranging from geology to metallurgical engineering. The emphasis of this book is to highlight commonalities between different fields with respect to how alloys are studied. The topics in this book fall into several themes, which suggest a number of different classification schemes. We have chosen a scheme that classifies the papers in the volume into the categories Microstructural Considerations, Ordering, Kinetics and Diffusion, Magnetic Considerations and Elastic Considerations. The book has juxtaposed apparently disparate approaches to similar physical processes, in the hope of revealing a more dynamic character of the processes under consideration. This monograph will invigorate new kinds of discussion and reveal challenges and new avenues to the description and prediction of properties of materials in the solid state and the conditions that produce them.**

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## PIGMENTS FROM MICROALGAE HANDBOOK

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*Springer Nature* The **Pigments from Microalgae Handbook** presents the current state of knowledge on pigment production using microalgae-based processes, and covers both the scientific fundamentals of this technology and its practical applications. It addresses biology, chemistry, biochemistry, analysis and engineering aspects, as well as applications of natural pigments in photosynthetic organisms. The book also describes the analytical procedures associated with the characterization of pigments and the engineering aspects of microalgal pigment production. It considers the three major classes of pigments (chlorophylls, carotenoids and phycobiliproteins) produced and surveys the main commercial applications of these chemicals. The book offers a valuable source of information for industrial researchers and practitioners in industrial biotechnology, as it covers various engineering aspects of microalgal pigment production, such as bioreactors and bioprocesses, industrial extraction processes, and the bioeconomy of production including life-cycle assessment. The book will also be of interest to undergraduate and graduate students of biochemistry, food chemistry, and industrial microbiology.

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## THE PLASTON CONCEPT

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### PLASTIC DEFORMATION IN STRUCTURAL MATERIALS

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*Springer* This open access book presents the novel concept of plaston, which accounts for the high ductility or large plastic deformation of emerging high-performance structural materials, including bulk nanostructured metals, hetero-nanostructured materials, metallic glasses, intermetallics, and ceramics. The book describes simulation results of the collective atomic motion associated with plaston, by computational tools such as first-principle methods with predictive performance and large-scale atom-dynamics calculations. Multi-scale analyses with state-of-the-art analytical tools nano/micro pillar deformation and nano-indentation experiments are also described. Finally, through collaborative efforts of experimental and computational work, examples of rational design and development of new structural materials are given, based on accurate understanding of deformation and fracture phenomena. This publication provides a valuable contribution to the field of structural materials research.

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## CHLOROPHYLL A FLUORESCENCE

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### A SIGNATURE OF PHOTOSYNTHESIS

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*Springer Science & Business Media* **Chlorophyll a Fluorescence: A Signature of Photosynthesis** highlights chlorophyll (Chl) a fluorescence as a convenient, non-invasive, highly sensitive, rapid and quantitative probe of oxygenic photosynthesis. Thirty-one chapters, authored by 58 international experts,

provide a solid foundation of the basic theory, as well as of the application of the rich information contained in the Chl a fluorescence signal as it relates to photosynthesis and plant productivity. Although the primary photochemical reactions of photosynthesis are highly efficient, a small fraction of absorbed photons escapes as Chl fluorescence, and this fraction varies with metabolic state, providing a basis for monitoring quantitatively various processes of photosynthesis. The book explains the mechanisms with which plants defend themselves against environmental stresses (excessive light, extreme temperatures, drought, hyper-osmolarity, heavy metals and UV). It also includes discussion on fluorescence imaging of leaves and cells and the remote sensing of Chl fluorescence from terrestrial, airborne, and satellite bases. The book is intended for use by graduate students, beginning researchers and advanced undergraduates in the areas of integrative plant biology, cellular and molecular biology, plant biology, biochemistry, biophysics, plant physiology, global ecology and agriculture.

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### **CONSERVATION BIOLOGY IN SUB-SAHARAN AFRICA**

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*Open Book Publishers* **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.

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### **HANDBOOK OF FINANCIAL ECONOMETRICS, MATHEMATICS, STATISTICS, AND MACHINE LEARNING (IN 4 VOLUMES)**

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*World Scientific* This four-volume handbook covers important concepts and tools used in the fields of financial econometrics, mathematics, statistics, and machine learning. Econometric methods have been applied in asset pricing, corporate finance, international finance, options and futures, risk management, and in stress testing for financial institutions. This handbook

discusses a variety of econometric methods, including single equation multiple regression, simultaneous equation regression, and panel data analysis, among others. It also covers statistical distributions, such as the binomial and log normal distributions, in light of their applications to portfolio theory and asset management in addition to their use in research regarding options and futures contracts. In both theory and methodology, we need to rely upon mathematics, which includes linear algebra, geometry, differential equations, Stochastic differential equation (Ito calculus), optimization, constrained optimization, and others. These forms of mathematics have been used to derive capital market line, security market line (capital asset pricing model), option pricing model, portfolio analysis, and others. In recent times, an increased importance has been given to computer technology in financial research. Different computer languages and programming techniques are important tools for empirical research in finance. Hence, simulation, machine learning, big data, and financial payments are explored in this handbook. Led by Distinguished Professor Cheng Few Lee from Rutgers University, this multi-volume work integrates theoretical, methodological, and practical issues based on his years of academic and industry experience.

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## **FUNCTIONALITY OF CYCLODEXTRINS IN ENCAPSULATION FOR FOOD APPLICATIONS**

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*Springer Nature*

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## **1001 DEADLY CHECKMATES**

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*Gambit Publications* For all chess-players, from beginners to world champions, from kids to seniors, delivering checkmate is the greatest thrill the game has to offer. The ability to spot checkmates is a vital skill - and this easy-to-use book shows you how it is done. With the help of Grandmaster John Nunn, you will be ready to shock your next opponent with a deadly checkmate, whether in a school match, a club tournament - or even a championship game! By focusing exclusively on positions from real games, ranging from junior events to grandmaster encounters, Nunn ensures that the mates featured are those which arise most often in real life. He also highlights themes and ideas that are often missed in practice. While solving these puzzles, your all-important 'mental library' of patterns will grow, leading to an immediate increase in your playing strength. All 1001 puzzle positions have been carefully checked, and are graded by theme and difficulty. Points are awarded for finding the checkmate, so you can measure your skill. Most of the puzzles are suitable for novice and junior players. The last chapter challenges you with 'extreme checkmates', but don't worry: you'll be ready for them!

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## **MANAGING CYBER THREATS**

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## ISSUES, APPROACHES, AND CHALLENGES

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*Springer Science & Business Media* Modern society depends critically on computers that control and manage the systems on which we depend in many aspects of our daily lives. While this provides conveniences of a level unimaginable just a few years ago, it also leaves us vulnerable to attacks on the computers managing these systems. In recent times the explosion in cyber attacks, including viruses, worms, and intrusions, has turned this vulnerability into a clear and visible threat. Due to the escalating number and increased sophistication of cyber attacks, it has become important to develop a broad range of techniques, which can ensure that the information infrastructure continues to operate smoothly, even in the presence of dire and continuous threats. This book brings together the latest techniques for managing cyber threats, developed by some of the world's leading experts in the area. The book includes broad surveys on a number of topics, as well as specific techniques. It provides an excellent reference point for researchers and practitioners in the government, academic, and industrial communities who want to understand the issues and challenges in this area of growing worldwide importance.

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## A KANT DICTIONARY

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*Wiley-Blackwell* In this new lexical survey Howard Caygill presents Kantian concepts and terminology in terms that will introduce and clarify his ideas for students and general readers alike. The book takes as its starting point the historical nature of philosophical language, and shows how Kant set about redefining certain key concepts and terms. It then shows the profound effect that Kant's interpretation of the philosophical tradition continues to have upon contemporary philosophical debates. In addition to his reconstruction of Kant's philosophical vocabulary, Howard Caygill presents a contextual essay on Kant and his place in 'the age of criticism'. The book has extensive cross-references, and offers valuable scholarly aids in an appendix of philosophers, bibliographies of Kant's work and secondary sources, and a comprehensive index. Each Blackwell Philosopher Dictionary presents the life and work of an individual philosopher in a scholarly yet accessible manner. Entries cover key ideas and thoughts, as well as the main themes of the philosopher's works. A comprehensive biographical sketch is also included.

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## HANDBOOK OF PLASTIC FILMS

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*iSmithers Rapra Publishing* Plastic films are high-performance materials which play an essential part in modern life. The plastics films industry uses state-of-the-art manufacturing processes and is continuously seeking out new technologies to improve its performance. The understanding of the nature of plastic films, their production techniques, applications and their characterisation is essential for producing new types of plastic films. This

handbook has been written to discuss the production and main uses of plastic films. Plastic films are high-performance materials which play an essential part in modern life. Plastic films are mostly used in packaging applications but as will be seen from this book they are also used in the agricultural, medical and engineering fields. The plastics films industry uses state-of-the-art manufacturing processes and is continuously seeking out new technologies to improve its performance. The understanding of the nature of plastic films, their production techniques, applications and their characterisation is essential for producing new types of plastic films. This handbook has been written to discuss the production and main uses of plastic films.

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### **PERSISTENT ORGANIC POLLUTANTS (POPS): ANALYTICAL TECHNIQUES, ENVIRONMENTAL FATE AND BIOLOGICAL EFFECTS**

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*Elsevier* This book focuses on those organic chemicals that are regulated by the Stockholm Convention on Persistent Organic Pollutants (POPs). as well as organic chemical with the attributes of being persistent, bioaccumulative, and toxic to ecosystem and human beings, criteria used by the Stockholm Convention for screening POP candidates. Because of the unfavourable properties of POPs, numerous research efforts have been directed toward investigating their input sources, fate, and effects, with the help of continuously improving analytical technologies. The contributors to this book provide an integrated assessment of existing data, which will benefit both the scientific and management communities in planning further research projects and/or pollution control measures. Comprehensive overview of recent advances in analyzing persistent organic pollutants (POPs) Covers input sources, fate and biological effects of POPs Contains essential information for environmental management

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### **CLEAN ELECTRICITY FROM PHOTOVOLTAICS**

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*World Scientific* Photovoltaic cells provide clean, reversible electrical power from the sun. Made from semiconductors, they are durable, silent in operation and free of polluting emissions. In this book, experts from all sectors of the PV community – materials scientists, physicists, production engineers, economists and environmentalists – give their critical appraisals of where the technology is now and what its prospects are. Contents: The Past and Present (M D Archer) Device Physics of Silicon Solar Cells (J O Schumacher & W Wettling) Principles of Cell Design (J Poortmans et al.) Crystalline Silicon Solar Cells (M A Green) Amorphous Silicon Solar Cells (C R Wronski & D E Carlson) Cadmium Telluride Solar Cells (D Bonnet) Cu(In,Ga)Se<sub>2</sub> Solar Cells (U Rau & H W Schock) Super-High Efficiency III-V Tandem and Multijunction Cells (M Yamaguchi) Organic Photovoltaic Devices (J J M Halls & R H Friend) Quantum Well Solar Cells (J Nelson) Thermophotovoltaic Generation of Electricity (T J Coutts) Concentrator Cells and Systems (A Luque) Cells and Systems for

Space Applications (C M Hardingham)Storage of Electrical Energy (R M Dell)Photovoltaic Modules, Systems and Applications (N M Pearsall & R Hill)The Photovoltaic Business: Manufacturers and Markets (B McNelis)The Economics of Photovoltaic Technologies (D Anderson)The Outlook for PV in the 21st Century (E H Lysen & B Yordi) Readership: Physicists, chemists and engineers. Keywords:Electricity;Photovoltaics;Cadmium;Solar CellsReviews:“... is an excellent resource for its intended readership of students, scientists and technologists working in the area ... it is well indexed, and includes a handy list of useful web and library references. At the very least, the book deserves a place in the library of every research institution and company working on renewable energy.”Nature “With a broad range of coverage, many references in each chapter, and an appendix listing useful quantities, factors and symbols, this book would be an excellent reference source for any one working in the field of photovoltaics.”IEEE Electrical Insulation Magazine “It is timely, up-to-date and a very comprehensive work. The chapters are written by leading experts in their field who are able to communicate the technology and their enthusiasm ... Photovoltaic R&D is a multi-disciplinary activity, and most chapters should be accessible to advanced undergraduate students, postgraduates and researchers with a wide range of backgrounds. It can be recommended to those starting a PhD in the area and to existing researchers in other fields who wish to find out what all the excitement is about.”Contemporary Physics

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## **ECHINACEA**

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## **THE DEVELOPMENT OF A COMPUTERIZED REGIONAL LIBRARY SYSTEM**

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## **FINAL REPORT**

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## **INTEGRATED RIVER BASIN GOVERNANCE**

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## **LEARNING FROM INTERNATIONAL EXPERIENCES**

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*IWA Publishing* Integrated River Basin Governance focuses on the s

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## **THE MOON**

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## **RESOURCES, FUTURE DEVELOPMENT AND SETTLEMENT**

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*Springer Science & Business Media* This extraordinary book details how the Moon could be used as a springboard for Solar System exploration. It presents a realistic plan for placing and servicing telescopes on the Moon, and highlights the use of the Moon as a base for an early warning system from which to combat threats of near-Earth objects. A realistic vision of human development and settlement of the Moon over the next one hundred years is presented, and the author explains how global living standards for the Earth can be enhanced through the use of lunar-based

generated solar power. From that beginning, the people of the Earth would evolve into a spacefaring civilisation.

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## **NURSING THEORISTS AND THEIR WORK**

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*Mosby* The most comprehensive of its kind, **Nursing Theorists and Their Work, 8th Edition** provides an in-depth look at 39 theorists of historical, international, and significant importance. Each chapter features a clear, consistent presentation of a key nursing philosophy or theory. Case studies, critical thinking activities, and in-depth objective critiques of nursing theories help bridge the gap between theory and application. Critical Thinking Activities at the end of each theorist chapter help you to process the theory presented and apply it to personal and hypothetical practice situations. A case study at the end of each theorist chapter puts the theory into a larger perspective, demonstrating how it can be applied to practice. A Brief Summary in each theorist chapter helps you review for tests and confirm your comprehension. A Major Concepts & Definitions box included in each theorist chapter outlines the theory's most significant ideas and clarifies content-specific vocabulary. Each theorist chapter is written by a scholar specializing in that particular theorist's work, often having worked closely with the theorists, to provide the most accurate and complete information possible. Beginning chapters provide a strong foundation on the history and philosophy of science, logical reasoning, and the theory development process. Diagrams for theories help you visualize and better understand inherently abstract concepts. Pictures of theorists, as well as a listing of contact information for each individual, enables you to contact the source of information directly. Theorist chapters have been reviewed and edited by the theorist, validating the accounts set forth in the text for currency and accuracy. An extensive bibliography at the conclusion of each theorist chapter outlines numerous primary and secondary sources of information, ideal for both undergraduate and graduate research projects. **NEW!** Quotes from the theorist make each complex theory more memorable. **NEW!** Chapter on Afaf Meleis profiles a theorist who has shaped theoretical development in nursing and explores her "transition theory." **NEW!** Need to Know Information is highlighted to streamline long, complex passages and help you review key concepts. **NEW!** Points for Further Study at the end of each chapter direct you to assets available for additional information.