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Annals of Gynæcology Springer

In this volume, a distinguished set of international scholars examine the nature of collaboration between life partners in the sciences, with particular attention to the ways in which personal and professional dynamics can foster or inhibit scientific practice. Breaking from traditional gender analyses which focus on divisions of labor and the assignment of credit, the studies scrutinize collaboration as a variable process between partners living in the nineteenth and twentieth centuries who were married and divorced, heterosexual and homosexual, aristocratic and working-class and politically right and left. The contributors analyze cases shaped by their particular geographical locations, ranging from retreat settings like the English countryside and Woods Hole, Massachusetts, to university laboratories and urban centers in Berlin, Stockholm, Geneva and London. The volume demonstrates how the terms and meanings of collaboration, variably shaped by disciplinary imperatives, cultural mores, and the agency of the collaborators themselves, illuminate critical intellectual and institutional developments in the modern sciences.

EnCase Computer Forensics -- The Official EnCE I.B. Tauris

If you have large quantities of data in a Microsoft Access database, and need to study that data in depth, this book is a data cruncher's dream. Access Data Analysis Cookbook offers practical recipes to solve a variety of common problems that users have with extracting Access data and performing calculations on it. Each recipe includes a discussion on how and why the solution works. Whether you use Access 2007 or an earlier version, this book will teach you new methods to query data, different ways to move data in and out of Access, how to calculate answers to financial and investment issues, and more. Learn how to apply statistics to summarize business information, how to jump beyond SQL by manipulating data with VBA, how to process dates and times, and even how to reach into the Excel data analysis toolkit. Recipes demonstrate ways to: Develop basic and sophisticated queries Apply aggregate functions, custom functions, regular expressions, and crosstabs Apply queries to perform non-passive activities such as inserting, updating, and deleting data Create and manipulate tables and queries programmatically Manage text-based data, including methods to isolate parts of a string and ways to work with numbers that are stored as text Use arrays, read and write to the Windows registry, encrypt data, and use transaction processing Use the FileSystemObject, use XML with XSLT, communicate with SQL Server, and exchange data with other Office products Find answers from time-based data, such as how to add time, count elapsed time, work with leap years, and how to manage time zones in your calculations Deal with business and finance problems, including methods for calculating depreciation, loan paybacks, and Return on Investment (ROI) Explore statistical techniques, such as frequency, variance, kurtosis, linear regression, combinations and permutations Access Data Analysis Cookbook is a one-stop-shop for extracting nuggets of valuable information from your database, and anyone with Access experience will benefit from these tips and techniques, including seasoned developers. If you want to use your data, and not just store it, you'll find this guide indispensable.

Nanomaterials Synthesis CRC Press

Internationally renowned Feng Shui Master Peter So champions the re-interpretation of ancient wisdom with modern applications, earning much recognition among clients. In this book, he handpicked the most popular topics in Feng Shui, Five Elements, animal signs, face

and palm reading, naming tips, numerology and even face reading for pets, including: - number of doors, windows, floor number and number of light bulbs in a lamp - compatible trades, lucky accessories and colours according to Five Elements - love luck months for each animal signs; ways to boost love luck - reading the luck of your pets and naming tips Apart from highlighting the Feng Shui rules relevant to the urban landscape and practical housing conditions, the writer also corrects some common Feng Shui myths and misconceptions that have been passed down for generations: - must a couch lean against a wall? - mustn't a toilet bowl face the washroom door? - is an open kitchen bad for marriage? - Feng Shui remedy for construction conflicts caused by exterior wall maintenance This book fuses century-old theories with practical daily examples seamlessly, truly an indispensable reference on fortune telling. Read it through to find out ways to apply the theories flexibly to various situations, in the true spirit of Feng Shui.

Pre-failure Deformation Characteristics of Geomaterials Springer

Polymer Science and Nanotechnology: Fundamentals and Applications brings together the latest advances in polymer science and nanoscience. Sections explain the fundamentals of polymer science, including key aspects and methods in terms of molecular structure, synthesis, characterization, microstructure, phase structure and processing and properties before discussing the materials of particular interest and utility for novel applications, such as hydrogels, natural polymers, smart polymers and polymeric biomaterials. The second part of the book examines essential techniques in nanotechnology, with an emphasis on the utilization of advanced polymeric materials in the context of nanoscience. Throughout the book, chapters are prepared so that materials and products can be geared towards specific applications. Two chapters cover, in detail, major application areas, including fuel and solar cells, tissue engineering, drug and gene delivery, membranes, water treatment and oil recovery. Presents the latest applications of polymers and polymeric nanomaterials, across energy, biomedical, pharmaceutical, and environmental fields Contains detailed coverage of polymer nanocomposites, polymer nanoparticles, and hybrid polymer-metallic nanoparticles Supports an interdisciplinary approach, enabling readers from different disciplines to understand polymer science and nanotechnology and the interface between them Access Data Analysis Cookbook CRC Press

Control of polymeric structure is among the most important endeavours of modern macromolecular science. In particular, tailoring the positioning and strength of intermolecular forces within macromolecules by synthetic methods and thus gaining structural control over the final polymeric materials has become feasible, resulting in the field of supramolecular polymer science. Besides other intermolecular forces, hydrogen bonds are unique intermolecular forces enabling the tuning of material properties via self-assembly processes over a wide range of interactions strength ranging from several kJmol to several tens of kJmol . Central for the formation of these structures are precursor molecules of small molecular weight (usually lower than 10 000), which can assemble in solid or solution to aggregates of defined geometry.

Characterization of Nanomaterials Springer Science & Business Media

A concise and up-to-date guide to the shape of galaxies and how they can be classified, by one of the pioneers of the field.

Self-Healing Polymers Springer Science & Business Media

Once upon a time, he was everything to her, except for one thing: her future Christmas sparkles from every bough and window at the cozy Four Winds Ski Resort, where single mother Eden Kendall and her eight-year-old son are spending the holiday. A surprise marriage proposal from her boss ’ s son wasn ’ t on her Christmas list, but it ’ s the perfect excuse to get away and weigh her options. She never imagined her son ’ s ski instructor/Santa impersonator would be the gorgeous, charismatic dreamer she left behind years ago, the one who still owns a piece of her heart. Cole Hagan has never stopped loving Eden and he ’ s spent the last eight years proving her wrong on every count about his potential. While he fights to save the resort that he helped to build by organizing a holiday concert, he decides it ’ s about time that Eden puts aside her list-making pragmatism so that she and her skeptical son can experience the true magic of Christmas. Can a not-so-perfect angel help this unlikely pair get a second chance at happily ever

after?

For Better or For Worse? Collaborative Couples in the Sciences Woodhead Publishing

The following is just a selection of the contents - Theory and design related to the performance of reinforced soil structures - A study of the influence of soil on the reinforcement load in polymer grid reinforced soil structures - Cellular retaining walls reinforced by geosynthetics:behaviour and design - The results of pull out tests caried out in PFA on a reinforced and unreinforced soil walls - In-situ techniques of reinforced soil - Design and field test on reinforced cut slope - Reinforcing a sand slope surrorting a footing using steel bars - Discussion of papers in session 4 - Effect of reinforcement in embankment - Session Summary

An Introduction to Zoo Biology and Management Springer

Winner of the 2010 William C. Morris Award! Fifteen-year-old Blake has a girlfriend and a friend who ’ s a girl. One of them loves him; the other one needs him. When he snapped a picture of a street person for his photography homework, Blake never dreamed that the woman in the photo was his friend Marissa ’ s long-lost meth addicted mom. Blake ’ s participation in the ensuing drama opens up a world of trouble, both for him and for Marissa. He spends the next few months trying to reconcile the conflicting roles of Boyfriend and Friend. His experiences range from the comic (surviving his dad ’ s birth control talk) to the tragic (a harrowing after-hours visit to the morgue). In a tangle of life and death, love and loyalty, Blake will emerge with a more sharply defined snapshot of himself.

International Law Reports: Volume 190 John Wiley & Sons

concentrates on teaching techniques using as much theory as needed. application of the techniques to many problems of materials characterization. M ö ssbauer spectroscopy is a profound analytical method which has nevertheless continued to develop. The authors now present a state-of-the art book which consists of two parts. The first part details the fundamentals of M ö ssbauer spectroscopy and is based on a book published in 1978 in the Springer series 'Inorganic Chemistry Concepts' by P. G ü tlich, R. Link and A.X. Trautwein. The second part covers useful practical aspects of measurements, and the application of the techniques to many problems of materials characterization. The update includes the use of synchrotron radiation and many instructive and illustrative examples in fields such as solid state chemistry, biology and physics, materials and the geosciences, as well as industrial applications. Special chapters on magnetic relaxation phenomena (S. Morup) and computation of hyperfine interaction parameters (F. Neese) are also included. The book concentrates on teaching the technique using theory as much as needed and as little as possible. The reader will learn the fundamentals of the technique and how to apply it to many problems of materials characterization. Transition metal chemistry, studied on the basis of the most widely used M ö ssbauer isotopes, will be in the foreground.

Advances in Polymer Science Academic Press

Characterization of Nanomaterials: Advances and Key Technologies discusses the latest advancements in the synthesis of various types of nanomaterials. The book's main objective is to provide a comprehensive review regarding the latest advances in synthesis protocols that includes up-to-date data records on the synthesis of all kinds of inorganic nanostructures using various physical and chemical methods. The synthesis of all important nanomaterials, such as carbon nanostructures, Core-shell Quantum dots, Metal and metal oxide nanostructures, Nanoferrites, polymer nanostructures, nanofibers, and smart nanomaterials are discussed, making this a one-stop reference resource on research accomplishments in this area. Leading researchers from industry, academia, government and private research institutions across the globe have contributed to the book. Academics, researchers, scientists, engineers and students working in the field of polymer nanocomposites will benefit from its solutions for material problems. Provides an up-to-date data record on the synthesis of all kinds of organic and inorganic nanostructures using various physical and chemical methods Presents the latest advances in synthesis protocols Presents latest techniques used in the physical and chemical characterization of nanomaterials Covers characterization of all the important materials groups such as: carbon nanostructures, core-shell quantumdots, metal and metal oxide nanostructures, nanoferrites, polymer nanostructures and nanofibers A broad range of applications is covered including the performance of batteries, solar cells, water filtration, catalysts, electronics, drug delivery, tissue engineering, food packaging, sensors and fuel cells Leading researchers from industry, academia, government and private research institutes have contributed to the books Engineering Geology for Society and Territory - Volume 4 Mark Twain Media This book focuses on recent trends in the areas of green and renewable energy, especially as applied to the carbon footprint of energy production, transmission, and use. Discussing the latest developments and advances in the materials and processes involved in energy generation, transmission, distribution and storage, with a particular focus on the management and policies related to these systems, it is a valuable resource for researchers, practitioners, and policy makers working in these areas.

Flash Burnout Dog Ear Publishing

A comprehensive assessment of the challenges and opportunities created by worldwide access to this revolutionary technology.

Flight Mechanics Modeling and Analysis Cambridge University Press

This book explores the ways in which new technologies and scientific discourses are having a radical impact on today's debates and issues of gender. The writers and creative artists contributing cover a wide terrain, including Cyberfeminism and artificial life, the body's role in today's technoculture, the gender politics of e-commerce technology, the Cyberflaneuse, and the creation of "digital communities." Together they are mapping out how notions of self and its boundaries are now being questioned and changed.

Self-healing Materials Springer Science & Business Media

This is a consistent treatment of the material-independent fundamental equations of the theory of porous media, formulating constitutive equations for frictional materials in the elastic and plastic range, while tracing the historical development of the theory. Thus, for the first time, a unique treatment of fluid-saturated porous solids is presented, including an explanation of the corresponding theory by way of its historical progression, and a thorough description of its current state.

Exploring Africa, Grades 5 - 8 Springer Science & Business Media

Riparian forests along streams and rivers are diverse in species, structure, and regeneration processes, and have important ecological functions in maintaining landscape and biodiversity. This book discusses riparian forests from subpolar to warm-temperate zones, covering headwater streams, braided rivers on alluvial fans, and low-gradient meandering rivers. It presents the dynamics and mechanisms that govern the coexistence of riparian tree species, tree demography, the response to water stress of trees, and the conservation of endangered species, and focuses on natural disturbances, life-history strategies, and the ecophysiology of trees. Because many riparian landscapes have been degraded and are disappearing at an alarming rate, the regeneration of the remaining riparian ecosystems is urgent. With contributions by more than 20 experts in diverse fields, this book offers useful information for the conservation, restoration, and rehabilitation of riparian ecosystems that remain in world streams and rivers.

Hydrogen Bonded Polymers Springer Science & Business Media

The design, development, analysis, and evaluation of new aircraft technologies such as fly by wire, unmanned aerial vehicles, and micro air vehicles, necessitate a better understanding of flight mechanics on the part of the aircraft-systems analyst. A text that provides unified coverage of aircraft flight mechanics and systems concept will go a lon

Theory of Porous Media Thomas Telford

Build your own intelligent agent system... Intelligent agent technology is a tool of modern computer science that can be used to engineer complex computer programmes that behave rationally in dynamic and changing environments. Applications range from small programmes that intelligently search the Web buying and selling goods via electronic commerce, to autonomous space probes. This powerful technology is not widely used, however, as developing intelligent agent software requires high levels of training and skill. The authors of this book have developed and tested a methodology and tools for developing intelligent agent systems. With this methodology (Prometheus) developers can start agent-oriented designs and implementations easily from scratch saving valuable time and resources. Developing Intelligent Agent Systems not only answers the questions “ what are agents? ” and “ why are they useful? ” but also the crucial question: “ how do I design and build intelligent agent systems? ” The book covers everything a practitioner needs to know to begin to effectively use this technology - including an introduction to the notion of agents, a description of the concepts involved, and a software engineering methodology. Read on for: a practical step-by-step introduction to designing and building intelligent agent systems. a full life-cycle methodology for developing intelligent agent systems covering specification, analysis, design and implementation of agents. PDT: Prometheus Design Tool — software support for the Prometheus design process. the example of an electronic bookstore to illustrate the design process throughout the book. Electronic resources including the Prometheus Design Tool (PDT), can be found at: <http://www.cs.rmit.edu.au/agents/prometheus> This book is aimed at industrial software developers, software engineers and at advanced undergraduate students. It assumes knowledge of basic software engineering but does not require knowledge of Artificial Intelligence or of mathematics. Familiarity with Java will help in reading the examples in chapter 10.

Adobe Acrobat X Introduction Quick Reference Guide (Cheat Sheet of Instructions, Tips and Shortcuts - Laminated Card) Tule Publishing

"Coordination Polymers: Design, Analysis and Application is the first book to provide abroad overview of all the major facets of coordination polymer research. It combines chapters on nets and interpenetration with wide-ranging surveys of transition metal and rare earth coordination polymers and their properties. The aim is to provide a flavour of each aspect of coordination polymers whilst introducing the important concepts and developments using carefully selected examples." "Written in the style of a tutorial review, the book is suitable for both senior specialists and new postgraduate students taking their first steps in the field. Coordination Polymers: Design, Analysis and Application also provides an authoritative and detailed reference source." --BOOK JACKET.

Synthesis of Inorganic Nanomaterials Cambridge University Press

Synthesis of Inorganic Nanomaterials: Advances and Key Technologies discusses the latest advancements in the synthesis of various types of nanomaterials. The book's main objective is to provide a

comprehensive review regarding the latest advances in synthesis protocols that includes up-to-date data records on the synthesis of all kinds of inorganic nanostructures using various physical and chemical methods. The synthesis of all important nanomaterials, such as carbon nanostructures, Core-shell Quantum dots, Metal and metal oxide nanostructures, Nanoferrites, polymer nanostructures, nanofibers, and smart nanomaterials are discussed, making this a one-stop reference resource on research accomplishments in this area. Leading researchers from industry, academia, government and private research institutions across the globe have contributed to the book. Academics, researchers, scientists, engineers and students working in the field of polymer nanocomposites will benefit from its solutions for material problems. Provides an up-to-date data record on the synthesis of all kinds of organic and inorganic nanostructures using various physical and chemical methods Presents the latest advances in synthesis protocols Includes the latest techniques used in the physical and chemical characterization of nanomaterials Covers the characterization of all the important materials groups, such as carbon nanostructures, core-shell quantum dots, metal and metal oxide nanostructures, Nano ferrites, polymer nanostructures and nanofibers