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Progress in Thermal Barrier Coatings - ACerS (American Ceramics Society, The) 2009-07-15

This edition of the Progress in Ceramic Technology series compiles articles published on thermal barrier coatings (TBCs) by The American Ceramic Society (ACerS). It collects in one resource the current research papers on materials-related aspects of thermal barrier coatings and associated technologies. Logically organized and carefully selected, the papers in this edition divide into six categories: Applications Material Improvements and Novel Compositions Developments in Processing Mechanical Properties Thermal Properties Citations follow each title in the table of contents, making this a key resource for professionals and academia.

Ex Uno Plura - James T. McHugh 2003-08-01

Explores the foundations of various state constitutional traditions.

[Creating a World That Works for All](#) - Sharif M Abdullah 1999-06

"We are in deep trouble," writes Sharif Abdullah. "We live a world that works for only a few." The problem, Abdullah asserts, is exclusivity: "I am separate." By practicing exclusivity, he maintains, we have created a soul-starved society. We suffer, both personally and as a society, from complex, interlocking so intense that they create a deep sense of emptiness in all of us. But there is hope. Abdullah shows how we can change our world by changing our consciousness. We can actually put an end these complex problems if we reject exclusivity in favor of inclusivity. We must turn from a mentality that disconnects us and instead embrace the goals of restoring balance to the earth and building community with all other people. In *Creating a World That Works for All*, Abdullah provides a practical blueprint for that change. Abdullah makes it clear that there are no bad guys to blame: we are all equally responsible for the current state of our world. We each have created it, and we each have equal power to change it. Abdullah offers three criteria for creating a world that works for all: 1. The Criteria of Enoughness: Everyone has enough, even though not everyone shares resources equally 2. The Criteria of Exchangeability: Trading places would be okay 3. The Criteria of Common Benefit: The system is designed and intended to benefit all In order to meet these criteria, Abdullah shows us how to let go of old theories and ideas, so we can clearly see our current problems and possible solutions. And he shows us how to create new stories that explain and define the new behaviors that make cultural changes possible.

Physically Based Rendering - Matt Pharr 2004-09-28

Physically Based Rendering, Second Edition, describes both the mathematical theory behind a modern photorealistic rendering system as well as its practical implementation. A method known as literate programming combines human-readable documentation and source code into a single reference that is specifically designed to aid comprehension. The result is a stunning achievement in graphics education. Through the ideas and software in this book, you will learn to design and employ a full-featured rendering system for creating stunning imagery. This new edition greatly refines its best-selling predecessor by streamlining all obsolete code as well as adding sections on parallel rendering and system design; animating transformations; multispectral rendering; realistic lens systems; blue noise and adaptive sampling patterns and reconstruction; measured BRDFs; and instant global illumination, as well as subsurface and multiple-scattering integrators. These updates reflect the current state-of-the-art technology, and along with the lucid pairing of text and code, ensure the book's leading position as a

reference text for those working with images, whether it is for film, video, photography, digital design, visualization, or gaming. The book that won its authors a 2014 Academy Award for Scientific and Technical Achievement from the Academy of Motion Picture Arts and Sciences New sections on subsurface scattering, Metropolis light transport, precomputed light transport, multispectral rendering, and much more Includes a companion site complete with source code for the rendering system described in the book, with support for Windows, OS X, and Linux: visit www.pbrt.org Code and text are tightly woven together through a unique indexing feature that lists each function, variable, and method on the page that they are first described

Return on Sustainability - Kevin Wilhelm 2013

This book highlights the risk of inaction for businesses when it comes to climate change, but also contains best practices to allow them to capitalize on the numerous business opportunities that climate change presents, including increased profitability, enhanced brand value, and improved shareholder relations. The first section contains practical actions and real-world case studies of companies, such as Yakima, Sun Microsystems, and Lockheed Martin, that have successfully improved their climate performances, enhanced brand value, and increased profitability at the same time. The second and third sections of this book focus on the various risks that companies face from potential carbon regulation and the market factors forcing businesses to take action, whether they want to or not. This book provides the steps and strategies necessary to take leadership actions to help business "future-proof" society.

[The Art of the Storyboard](#) - John Hart 1999

The Art of the Storyboard shows beginners how to conceptualize and render the drawings that will communicate continuity to the cinematographer, set designer, and special effects supervisor, or to create the skeletal outline around which an animated program is developed. Using sketches of shots from classic films, from silents to the present, The Art of the Storyboard covers the history and evolution of this craft and discusses the essentials of translating one's vision onto paper, from the rough sketch to the finished storyboard. Over 100 illustrations from the author's and other storyboard artists' work illuminate the text throughout. Exercises at the end of each chapter help students to develop essential drawing and visualizing skills. The Art of the Storyboard teaches basic drawing techniques and illustrates the use of perspective, light and shade, and depth of field needed in order to render the human figure in motion. In this book students are introduced to essential components of storyboarding, such as framing, placement of figures, and use of camera angles -the only book on storyboarding for media

Supercharged Python - Brian Overland 2019-06-28

"Brian Overland makes programming simple. . . . To my amazement, his books explain complicated code clearly enough for anyone to understand." —Art Sedighi, PhD Tapping into the full power of Python doesn't have to be difficult. Supercharged Python is written for people who've learned the fundamentals of the language but want to take their skills to the next level. After a quick review of Python, the book covers: advanced list and string techniques; all the ways to handle text and binary files; financial applications; advanced techniques for writing classes; generators and decorators; and how to master packages such as Numpy (Numeric Python) to supercharge your applications! Use profilers and "magic methods" to code like a pro Harness the power of regular expressions to process text quickly with a single statement Take advantage of 22 coding shortcuts, along with performance tips, to save time and optimize your code Create

really useful classes and objects, for games, simulations, money, mathematics, and more Use multiple modules to build powerful apps while avoiding the “gotchas” Import packages to dramatically speed up statistical operations—by as much as 100 times! Refer to the five-part language reference to look up fine points of the language Supercharged Python demonstrates techniques that allow you to write faster and more powerful code, whether you’re manipulating large amounts of data or building sophisticated applications. Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

Twins in the World - A. Piontelli 2008-09-29

In this compelling narrative Piontelli explores the different roles that twins play in societies around the world. In her travels around the world, Piontelli has studied the role of twins, especially throughout Africa, Asia, South America, and the Pacific rim, observing different cultural perspectives and how differing societies treat them.

Once - Rebecca Rosenblum 2008-09-15

Rebecca Rosenblum's *Once* is a fiercely original and assured debut, a collection of sixteen stories portraying the constricted and confused lives of the rootless twenty-somethings -- students, office techies, waitresses, warehouse labourers, street hustlers -- who inhabit them. These are stories grounded in the all-too-real comedy and tragedy of jobs and friendships and romances, books and buses and bodies.

Frontiers in Offshore Geotechnics III - Vaughan Meyer 2015-05-15

Frontiers in Offshore Geotechnics III comprises the contributions presented at the Third International Symposium on Frontiers in Offshore Geotechnics (ISFOG, Oslo, Norway, 10-12 June 2015), organised by the Norwegian Geotechnical Institute (NGI). The papers address current and emerging geotechnical engineering challenges facing those working in off

Well Played - Linda Schulman Dacey 2015-11-23

Students love math games and puzzles, but how much are they really learning from the experience? Too often, math games are thought of as just a fun activity or enrichment opportunity. *Well Played* shows you how to make games and puzzles an integral learning component that provides teachers with unique access to student thinking. The twenty-five games and puzzles in *Well Played*, which have all been field-tested in diverse classrooms, contain: - explanations of the mathematical importance of each game or puzzle and how it supports student learning; - variations for each game or puzzle to address a range of learning levels and styles; - clear step-by-step directions; and - classroom vignettes that model how best to introduce the featured game or puzzle. The book also includes a separate chapter with suggestions for how to effectively manage games and puzzles in diverse classrooms; reproducibles that provide directions, game boards, game cards, and puzzles; assessment ideas; and suggestions for online games, puzzles, and apps. *Well Played* will help you tap the power of games and puzzles to engage students in sustained and productive mathematical thinking.

What the Rest Think of the West - Laura Nader 2015-09-08

Over the past few centuries, as Western civilization has enjoyed an expansive and flexible geographic domain, Westerners have observed other cultures with little interest in a return gaze. In turn, these other civilizations have been similarly disinclined when they have held sway. Clearly, though, an external frame of reference outstrips introspection—we cannot see ourselves as others see us. Unprecedented in its scope, *What the Rest Think of the West* provides a rich historical look through the eyes of outsiders as they survey and scrutinize the politics, science, technology, religion, family practices, and gender roles of civilizations not their own. The book emphasizes the broader figurative meaning of looking west in the scope of history. Focusing on four civilizations—Islamic, Japanese, Chinese, and South Asian—Nader has collected observations made over centuries by scholars, diplomats, missionaries, travelers, merchants, and students reflecting upon their own "Wests." These writings derive from a range of purposes and perspectives, such as the seventh-century Chinese Buddhist who goes west to India, the missionary from Baghdad who travels up the Volga in the tenth century and meets the Vikings, and the Egyptian imam who in 1826 is sent to Paris to study the French. The accounts variously express critique, adoration, admiration, and fear, and are sometimes humorous, occasionally disturbing, at times controversial, and always enlightening. With informative introductions to each of the selections, Laura Nader initiates conversations about the power of

representational practices.

Applied Security Visualization - Raffael Marty 2008

"As networks become ever more complex, securing them becomes more and more difficult. The solution is visualization. Using today's state-of-the-art data visualization techniques, you can gain a far deeper understanding of what's happening on your network right now. You can uncover hidden patterns of data, identify emerging vulnerabilities and attacks, and respond decisively with countermeasures that are far more likely to succeed than conventional methods." "In *Applied Security Visualization*, leading network security visualization expert Raffael Marty introduces all the concepts, techniques, and tools you need to use visualization on your network. You'll learn how to identify and utilize the right data sources, then transform your data into visuals that reveal what you really need to know. Next, Marty shows how to use visualization to perform broad network security analyses, assess specific threats, and even improve business compliance."--Jacket.

The Grasshopper Trap - Patrick F. McManus 1986-09-15

Patrick F. McManus, the “funniest guy in the Outdoor Life and Field & Stream gang...offers another bag of whimsy in the Great Outdoors”* with *The Grasshopper Trap*. In this collection of thirty zany stories, spoofing camping, fishing, and other outdoor recreational activities, McManus shares his hilarious wilderness misadventures. From facing an angry bear with an unloaded gun and the folly of running a boat while it’s still on the trailer to not questioning the ingredients found in camp cookout cuisine and the best methods of catching grasshoppers, no one knows how to express Mother Nature’s sense of humor like Patrick F. McManus. “It’s enough to tickle the most rabid member of the National Rifle Association.”—*Kirkus Reviews

Eloquent Ruby - Russ Olsen 2011-02-07

It’s easy to write correct Ruby code, but to gain the fluency needed to write great Ruby code, you must go beyond syntax and absorb the “Ruby way” of thinking and problem solving. In *Eloquent Ruby*, Russ Olsen helps you write Ruby like true Rubyists do—so you can leverage its immense, surprising power. Olsen draws on years of experience internalizing the Ruby culture and teaching Ruby to other programmers. He guides you to the “Ah Ha!” moments when it suddenly becomes clear why Ruby works the way it does, and how you can take advantage of this language’s elegance and expressiveness. *Eloquent Ruby* starts small, answering tactical questions focused on a single statement, method, test, or bug. You’ll learn how to write code that actually looks like Ruby (not Java or C#); why Ruby has so many control structures; how to use strings, expressions, and symbols; and what dynamic typing is really good for. Next, the book addresses bigger questions related to building methods and classes. You’ll discover why Ruby classes contain so many tiny methods, when to use operator overloading, and when to avoid it. Olsen explains how to write Ruby code that writes its own code—and why you’ll want to. He concludes with powerful project-level features and techniques ranging from gems to Domain Specific Languages. A part of the renowned Addison-Wesley Professional Ruby Series, *Eloquent Ruby* will help you “put on your Ruby-colored glasses” and get results that make you a true believer.

Pathophysiology of Disease An Introduction to Clinical Medicine, Sixth Edition - Stephen J. McPhee 2009-11-20

NOW in full color! A complete case-based review of the essentials of pathophysiology – covering all major organs and systems 4 STAR DOODY'S REVIEW! "This is a great addition to the ranks of pathophysiology books for graduate students in medicine. It also is useful as a reference while on the wards as a memory jogger for basic anatomy, physiology, and pathology of common diseases. The addition of the full-color diagrammatic illustrations and tables and the expanded case studies make the e book aesthetically pleasing and easily navigable. Overall, this is a great book to have on hand for the preclinical years, clinical years, and beyond!"--Doody's Review Service This trusted text introduces you to clinical medicine by reviewing the pathophysiologic basis of the signs and symptoms of 100 diseases commonly encountered in medical practice. Each chapter first describes normal function of a major organ or organ system, then turns attention to the pathology and disordered physiology, including the role of genetics, immunology, and infection in pathogenesis. Underlying disease mechanisms are described, along with their systems, signs, and symptoms, and the way these mechanisms themselves determine the most effective treatment. This

unique interweaving of physiological and pathological concepts will put you on the path towards thinking about signs and symptoms in terms of their pathologic basis, giving you an understanding of the “whys” behind both illness and treatment. Features NEW full-color presentation 111 case studies (22 new ones) provide an opportunity for you to test your understanding of the pathophysiology of each clinical entity discussed A complete chapter devoted to detailed analyses of the cases “Checkpoint” review questions appear throughout every chapter Numerous tables and diagrams encapsulate important information References for each chapter topic NEW sections in the chapters on liver disease and inflammatory rheumatic diseases and a completely rewritten chapter on male reproductive tract disorders Visit www.LangeTextbooks.com to access MP3 audio cases and other valuable resources.

Physical Chemistry of Gas-Liquid Interfaces - Jennifer A. Faust 2018-05-31

Physical Chemistry of Gas-Liquid Interfaces, the first volume in the Developments in Physical & Theoretical Chemistry series, addresses the physical chemistry of gas transport and reactions across liquid surfaces. Gas-liquid interfaces are all around us, especially within atmospheric systems such as sea spray aerosols, cloud droplets, and the surface of the ocean. Because the reaction environment at liquid surfaces is completely unlike bulk gas or bulk liquid, chemists must readjust their conceptual framework when entering this field. This book provides the necessary background in thermodynamics and computational and experimental techniques for scientists to obtain a thorough understanding of the physical chemistry of liquid surfaces in complex, real-world environments. Provides an interdisciplinary view of the chemical dynamics of liquid surfaces, making the content of specific use to physical chemists and atmospheric scientists Features 100 figures and illustrations to underscore key concepts and aid in retention for young scientists in industry and graduate students in the classroom Helps scientists who are transitioning to this field by offering the appropriate thermodynamic background and surveying the current state of research

Feather Brain - Drew Chicone 2013

Step by step tying instructions and explanations of how the author designed 14 winning saltwater flies.

Algal Ecology - 1996-06-03

Algae are an important component of aquatic benthic ecosystems because they reflect the health of their environment through their density, abundance, and diversity. This comprehensive and authoritative text is divided into three sections to offer complete coverage of the discussion in this field. The first section introduces the locations of benthic algae in different ecosystems, like streams, large rivers, lakes, and other aquatic habitats. The second section is devoted to the various factors, both biotic and abiotic, that affect benthic freshwater algae. The final section of the book focuses on the role played by algae in a variety of complex freshwater ecosystems. As concern over environmental health escalates, the keystone and pivotal role played by algae is becoming more apparent. This volume in the Aquatic Ecology Series represents an important compilation of the latest research on the crucial niche occupied by algae in aquatic ecosystems. Presents algae as the important player in relation to environmental health Prepared by leading authorities in the field Includes comprehensive treatment of the functions of benthic algae as well as the factors that affect these important aquatic organisms Acts as an important reference for anyone interested in understanding and managing freshwater ecosystems

Rapidly Quenched Metals 6 - R.W. Cochrane 1988-01-01

Rapidly Quenched Metals 6, Volume 1 covers the proceedings of the Sixth International Conference on Rapidly Quenched Metals held at Le Centre Sheraton, Montreal, Canada from August 3 to 7, 1987. The said conference discusses a wide variety of topics in the field of rapidly solidified metals. The book is divided into two parts. Part 1 covers topics that involve the formation and transformation in metallic materials; amorphous metals; the applications of mechanical alloying; and rapid melting and quenching. Part 2 discusses the formation and structure of amorphous alloys, which includes topics such as the metastability of amorphous phases; amorphous alloy powders; and studies about the properties of different amorphous alloys. The text is recommended for those involved in materials science and metallurgy, especially those studying rapidly solidified metals and amorphous alloys.

Real Time Cameras - Mark Haigh-Hutchinson 2009-04-02

The control of cameras is as important in games as it is in cinema. How the camera tracks and moves determines our point of view and influences our attitude towards the content. A poorly designed camera

system in a game can disrupt a users experience, while a well-designed one can make a good game into a great one. The challenge in games is that th

Phishing and Countermeasures - Markus Jakobsson 2006-12-05

Phishing and Counter-Measures discusses how and why phishing is a threat, and presents effective countermeasures. Showing you how phishing attacks have been mounting over the years, how to detect and prevent current as well as future attacks, this text focuses on corporations who supply the resources used by attackers. The authors subsequently deliberate on what action the government can take to respond to this situation and compare adequate versus inadequate countermeasures.

Transport Phenomena in Materials Processing - 1996-06-25

Materials processing and manufacturing are fields of growing importance whereby transport phenomena play a central role in many of the applications. This volume is one of the first collections of contributions on the subject. The five papers cover a wide variety of applications

Mechanical Behavior of Materials - Marc André Meyers 2008-11-06

A balanced mechanics-materials approach and coverage of the latest developments in biomaterials and electronic materials, the new edition of this popular text is the most thorough and modern book available for upper-level undergraduate courses on the mechanical behavior of materials. To ensure that the student gains a thorough understanding the authors present the fundamental mechanisms that operate at micro- and nano-meter level across a wide-range of materials, in a way that is mathematically simple and requires no extensive knowledge of materials. This integrated approach provides a conceptual presentation that shows how the microstructure of a material controls its mechanical behavior, and this is reinforced through extensive use of micrographs and illustrations. New worked examples and exercises help the student test their understanding. Further resources for this title, including lecture slides of select illustrations and solutions for exercises, are available online at www.cambridge.org/97800521866758.

America in the British Imagination - J. Lyons 2013-12-18

How was American culture disseminated into Britain? Why did many British citizens embrace American customs? And what picture did they form of American society and politics? This engaging and wide-ranging history explores these and other questions about the U.S.'s cultural and political influence on British society in the post-World War II period.

Plant Sciences Reviews 2011 - David Hemming 2012

Plant Sciences Reviews 2011 provides scientists and students in the field with timely analysis on key topics in current research. Originally published online in CAB Reviews, this volume makes available in printed form the reviews in plant sciences published during 2011.

Vacuum Deposition onto Webs, Films and Foils - Charles Bishop 2015-08-15

Vacuum Deposition onto Webs: Films and Foils, Third Edition, provides the latest information on vacuum deposition, the technology that applies an even coating to a flexible material that can be held on a roll, thereby offering a much faster and cheaper method of bulk coating than deposition onto single pieces or non-flexible surfaces such as glass. This technology has been used in industrial-scale applications for some time, including a wide range of metalized packaging. Its potential as a high-speed, scalable process has seen an increasing range of new products emerging that employ this cost-effective technology, including solar energy products that are moving from rigid panels onto cheaper and more versatile flexible substrates, flexible electronic circuit ‘boards’, and flexible displays. In this third edition, all chapters are thoroughly revised with a significant amount of new information added, including newly developed barrier measurement techniques, improved in-vacuum monitoring technologies, and the latest developments in Atomic Layer Deposition (ALD). Provides the know-how to maximize productivity of vacuum coating systems Thoroughly revised with a significant amount of new information added, including newly developed barrier measurement techniques, improved in-vacuum monitoring technologies, and the latest on Atomic Layer Deposition (ALD) Presents the latest information on vacuum deposition, the technology that applies an even coating to a flexible material that can be held on a roll, thereby offering a much faster and cheaper method of bulk coating Enables engineers to specify systems more effectively and enhances dialogue between non-specialists and suppliers/engineers Empowers those in rapidly expanding fields such as solar energy, display panels, and flexible electronics to unlock the potential of vacuum coating to transform their

processes and products

The Modern Satiric Grotesque and Its Traditions - John R. Clark 2021-05-11

Thomas Mann predicted that no manner or mode in literature would be so typical or so pervasive in the twentieth century as the grotesque. Assuredly he was correct. The subjects and methods of our comic literature (and much of our other literature) are regularly disturbing and often repulsive—no laughing matter. In this ambitious study, John R. Clark seeks to elucidate the major tactics and topics deployed in modern literary dark humor. In Part I he explores the satiric strategies of authors of the grotesque, strategies that undercut conventional usage and form: the de-basement of heroes, the denigration of language and style, the disruption of normative narrative technique, and even the debunking of authors themselves. Part II surveys major recurrent themes of grotesquerie: tedium, scatology, cannibalism, dystopia, and Armageddon or the end of the world. Clearly the literature of the grotesque is obtrusive and ugly, its effect morbid and disquieting—and deliberately meant to be so. Grotesque literature may be unpleasant, but it is patently insightful. Indeed, as Clark shows, all of the strategies and topics employed by this literature stem from age-old and spirited traditions. Critics have complained about this grim satiric literature, asserting that it is dank, cheerless, unsavory, and negative. But such an interpretation is far too simplistic. On the contrary, as Clark demonstrates, such grotesque writing, in its power and its prevalence in the past and present, is in fact conventional, controlled, imaginative, and vigorous—no mean achievements for any body of art.

Thor's OS Xodus - Timothy "Thor" Mullen 2015-10-28

Thor's OS Xodus: Securely Migrating from Microsoft Windows to Mac OS X provides readers with everything they need to securely and successfully migrate from Microsoft to Mac. It includes information that can be found nowhere else, enabling users to execute a MSFT to OS X migration seamlessly and with minimal downtime. The text is the most complete roadmap for entities that want to move away from Microsoft and decouple their dependency on Microsoft products. It is a perfect choice for enterprise computing, providing the ease and simplicity of a UI that can also be incredibly customized via configuration files because of its BSD core. The text, authored by Thor Mullen, the founder of the "Hammer of God" security co-op group and Principal Security Architect for a worldwide, multi-billion dollar commerce platform, provides the perfect combination of Windows and Unix. Provides the best way to migrate from Microsoft products to OSX with information found in no other text The most complete roadmap for entities who want to move away from Microsoft and decouple their dependency on Microsoft products Authored by Thor Mullen, Principal Security Architect for a multi-billion dollar commerce platform, who teaches users how to create a secure OSX installation Unique resource that provides valuable information on moving from IIS to Apache, from MS SQL Server to MySQL, from .NET to PHP

Tribological Research and Design for Engineering Systems - D. Dowson 2003-07-17

These papers represent the proceedings from the 29th Leeds-Lyon Symposium on Tribology, 'Tribological Research and Design for Engineering Systems' which was held in September 2002. Over 130 delegates from 18 countries attended the symposium, and the extensive discussions generated over 150 written questions and responses, which are documented at the end of this proceedings volume. There have been many advances in the field of tribology in recent years, with progress being made in the engineering and interaction of surfaces; micro and nano-tribology; elastohydrodynamics; surface films; surface texture; tribochemistry; wear and life prediction; with both experimental and theoretical contributions. These advances were reviewed, and the impact of this understanding on the fundamentals upon total engineering activity in design, manufacture and machine operation were considered. Readership: Scientists and researchers in the field of tribology.

Pheromones - 2010-10-22

First published in 1943, Vitamins and Hormones is the longest-running serial published by Academic Press. The Editorial Board now reflects expertise in the field of hormone action, vitamin action, X-ray crystal structure, physiology, and enzyme mechanisms. Under the capable and qualified editorial leadership of Dr. Gerald Litwack, Vitamins and Hormones continues to publish cutting-edge reviews of interest to endocrinologists, biochemists, nutritionists, pharmacologists, cell biologists, and molecular biologists. Others interested in the structure and function of biologically active molecules like hormones and vitamins

will, as always, turn to this series for comprehensive reviews by leading contributors to this and related disciplines. This volume focuses on insulin and IGFs. Longest running series published by Academic Press Contributions by leading international authorities

When Species Meet - Donna J. Haraway 2013-11-30

In 2006, about 69 million U.S. households had pets, giving homes to around 73.9 million dogs, 90.5 million cats, and 16.6 million birds, and spending more than 38 billion dollars on companion animals. As never before in history, our pets are truly members of the family. But the notion of "companion species"—knotted from human beings, animals and other organisms, landscapes, and technologies—includes much more than "companion animals." In *When Species Meet*, Donna J. Haraway digs into this larger phenomenon to contemplate the interactions of humans with many kinds of critters, especially with those called domestic. At the heart of the book are her experiences in agility training with her dogs Cayenne and Roland, but Haraway's vision here also encompasses wolves, chickens, cats, baboons, sheep, microorganisms, and whales wearing video cameras. From designer pets to lab animals to trained therapy dogs, she deftly explores philosophical, cultural, and biological aspects of animal-human encounters. In this deeply personal yet intellectually groundbreaking work, Haraway develops the idea of companion species, those who meet and break bread together but not without some indigestion. "A great deal is at stake in such meetings," she writes, "and outcomes are not guaranteed. There is no assured happy or unhappy ending-socially, ecologically, or scientifically. There is only the chance for getting on together with some grace." Ultimately, she finds that respect, curiosity, and knowledge spring from animal-human associations and work powerfully against ideas about human exceptionalism.

Tenth Marcel Grossmann Meeting, The: On Recent Developments In Theoretical & Experimental General Relativity, Gravitation, & Relativistic Field Theories (In 3 Vols) - Procs Of The Mgio Meeting Held At Brazilian Ctr For Res In Phys (Cbpf) - Novello Mario 2006-02-17

The Marcel Grossmann meetings were conceived to promote theoretical understanding in the fields of physics, mathematics, astronomy and astrophysics and to direct future technological, observational, and experimental efforts. They review recent developments in gravitation and general relativity, with major emphasis on mathematical foundations and physical predictions. Their main objective is to bring together scientists from diverse backgrounds and their range of topics is broad, from more abstract classical theory and quantum gravity and strings to more concrete relativistic astrophysics observations and modeling. This Tenth Marcel Grossmann Meeting was organized by an international committee composed of D Blair, Y Choquet-Bruhat, D Christodoulou, T Damour, J Ehlers, F Everitt, Fang Li Zhi, S Hawking, Y Ne'eman, R Ruffini (chair), H Sato, R Sunyaev, and S Weinberg and backed by an international coordinating committee of about 135 members from scientific institutions representing 54 countries. The scientific program included 29 morning plenary talks during 6 days, and 57 parallel sessions over five afternoons, during which roughly 500 papers were presented. These three volumes of the proceedings of MG10 give a broad view of all aspects of gravitation, from mathematical issues to recent observations and experiments.

Security Data Visualization - Greg Conti 2007

An introduction to a range of cyber security issues explains how to utilize graphical approaches to displaying and understanding computer security data, such as network traffic, server logs, and executable files, offering guidelines for identifying a network attack, how to assess a system for vulnerabilities with Afterglow and RUMINT visualization software, and how to protect a system from additional attacks.

Original. (Intermediate)

Stanislaus River Projects - 2005

Warrior - Jennifer Fallon 2006-09-19

Now the power behind Hythria's throne, Marla Wolfblade is determined to control her own life and to protect her young son, Damin, unaware that the High Arrion of the Sorcerers' Collective is plotting to destroy her and the entire Wolfblade dynasty.

Shooting Star - Cynthia Riggs 2007-05

Writing a play based on Frankenstein, poet and deputy Victoria Trumbell is disturbed by the theater's new artistic director's efforts to turn her serious work into high farce, as well as by the mysterious deaths of

cast members.

Advanced Materials, Technology and Application - Qingzhou Xu 2016-09-29

The 2016 International Conference on Advanced Materials, Technology and Application (AMTA2016) was held in Changsha, China on March 18-20, 2016. The main objective of the joint conference is to provide a platform for researchers, academics and industrial professionals to present their research findings in the fields of advanced materials and technology. The AMTA2016 received more than 150 submissions, but only 59 articles were selected to be included in this proceedings, which are organized into 7 chapters; covering Chemical Materials, composite and Nano Materials, Polymer and Concrete Materials, Structural Materials, Metal and Alloy Materials, Electrical Materials, and Biomaterials. Contents: Chemical Materials Composite and Nano Materials Polymer and Concrete Materials Structural Materials Metal and Alloy Materials Electrical Materials Biomaterials Readership: Researchers and professionals in materials sciences.

The Door Within - Wayne Thomas Batson

Structural Health Monitoring of Biocomposites, Fibre-Reinforced Composites and Hybrid

Composites - Mohammad Jawaid 2018-11-23

Structural Health Monitoring of Biocomposites, Fibre-Reinforced Composites and Hybrid Composites provides detailed information on failure analysis, mechanical and physical properties, structural health monitoring, durability and life prediction, modelling of damage processes of natural fiber, synthetic fibers, and natural/natural, and natural/synthetic fiber hybrid composites. It provides a comprehensive review of both established and promising new technologies currently under development in the emerging area of structural health monitoring in aerospace, construction and automotive structures. In addition, it describes SHM methods and sensors related to specific composites and how advantages and limitations of various sensors and methods can help make informed choices. Written by leading experts in the field, and covering composite materials developed from different natural fibers and their hybridization with synthetic fibers, the book's chapters provide cutting-edge, up-to-date research on the characterization, analysis and modelling of composite materials. Contains contributions from leading experts in the field Discusses recent progress on failure analysis, SHM, durability, life prediction and the modelling of damage in natural fiber-based composite materials Covers experimental, analytical and numerical analysis Provides detailed and comprehensive information on mechanical properties, testing methods and modelling techniques