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Handbook of Squirrel Monkey Research Routledge

As the editors of the first book on the squirrel monkey prophesied in 1968,* there has been an incredible expansion in primate research during the past 16 years. Their projection that the squirrel monkey would play an increasingly important role in this research effort has also come to be true during the ensuing years. One inadvertent result of the rapid growth, however, is that it has become more and more difficult for investigators to keep track of new information, both in their own disciplines and in related fields. For scientists who study and use the squirrel monkey in research, this problem is particularly pronounced, because articles are often published in specialized and disparate journals. We felt that a new synthesis of the vast amount of information on Saimiri would resolve this problem and would provide an extremely valuable companion volume to the first book. The idea grew out of a small symposium held at the IX Congress of the International Primatological Society in Atlanta, Georgia, during August, 1982. Following the format of *The Squirrel Monkey*, additional authors were invited to discuss advances in areas which had experienced exceptional growth or to review basic information that would be of practical value to future researchers. Even with focused topics and synthetic reviews, the wealth of new data resulted in many long manuscripts. In response to the continuing problems with Saimiri nomenclature, Richard Thorington has provided us with a definitive statement on squirrel monkey taxonomy.

The Islam Book John Wiley & Sons

Seven years have elapsed since Dr. Renee Ford, editor-in-chief of *Materials Technology*, first suggested to me to publish a book on Functionally Graded Materials (FGMs). She said that the FGM concept, then largely unknown outside of Japan and a relatively few laboratories elsewhere, would be of great interest to everyone working in the materials field because of its potentially universal applicability. There was no book about FGMs in English at that time, although the number of research papers, review articles, and FGM conference proceedings had been increasing yearly. We discussed what the book should cover, and decided it should present a comprehensive description from basic theory to the most recent applications of FGMs. This would make it useful both as an introduction to FGMs for those simply curious about what this new materials field was all about, and also as a textbook for researchers, engineers, and graduate students in various material fields. The FGM Forum in Japan generously offered to support this publication program. It is very difficult for an individual author to write a book that covers such a wide range of various aspects of many different materials, I invited more than 30 eminent materials scientists throughout the world, who were associated with FGM research, to contribute selected topics. I also asked several leading researchers in this field to edit selected chapters: Dr. Barry H. Rabin, then at the U. S.

The Oxford Handbook of Applied Ethnomusicology Springer Science & Business Media

This book is devoted to the deformation and failure in metallic materials, summarizing the results of a research programme financed by the "Deutsche Forschungsgemeinschaft". It presents the recent engineering as well as mathematical key aspects of this field for a broad community. Its main focus is on the constitutive behaviour as well as the damage and fracture of metallic materials, covering their mathematical foundation, modelling and numerics, but also relevant experiments and their verification.

Piezoelectric Energy Harvesting Penguin

The existing theories on the evolution of senescence assume that senescence is inevitable in all organisms. However, recent studies have shown that this is not necessarily true. A better understanding of senescence and its underlying mechanisms could have far-reaching consequences for conservation and eco-evolutionary research. This book is the first to offer

interdisciplinary perspectives on the evolution of senescence in many species, setting the stage for further developments. It brings together new insights from a wide range of scientific fields and cutting-edge research done on a multitude of different animals (including humans), plants and microbes, giving the reader a complete overview of recent developments and of the controversies currently surrounding the topic. Written by specialists from a variety of disciplines, this book is a valuable source of information for students and researchers interested in ageing and life history traits and populations.

The Work Ahead CRC Press

This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

Particles on Surfaces 2 Springer Science & Business Media

See how math's infinite mysteries and beauty unfold in this captivating educational book! Discover more than 85 of the most important mathematical ideas, theorems, and proofs ever devised with this beautifully illustrated book. Get to know the great minds whose revolutionary discoveries changed our world today. You don't have to be a math genius to follow along with this book! This brilliant book is packed with short, easy-to-grasp explanations, step-by-step diagrams, and witty illustrations that play with our ideas about numbers. What is an imaginary number? Can two parallel lines ever meet? How can math help us predict the future? All will be revealed and explained in this encyclopedia of mathematics. It's as easy as 1-2-3! The Math Book tells the exciting story of how mathematical thought advanced through history. This diverse and inclusive account will have something for everybody, including the math behind world economies and espionage. This book charts the development of math around the world, from ancient mathematical ideas and inventions like prehistoric tally bones through developments in medieval and Renaissance Europe. Fast forward to today and gain insight into the recent rise of game and group theory. Delve in deeper into the history of math: - Ancient and Classical Periods 6000 BCE - 500 CE - The Middle Ages 500 - 1500 - The Renaissance 1500 - 1680 - The Enlightenment 1680 - 1800 - The 19th Century 1800 - 1900 - Modern Mathematics 1900 - Present The Series Simply Explained With over 7 million copies sold worldwide to date, The Math Book is part of the award-winning Big Ideas Simply Explained series from DK Books. It uses innovative graphics along with engaging writing to make complex subjects easier to understand.

PISA, Policy and the OECD Springer

With chapters written by leading researchers and practitioners actively engaged in the work, this Edited Volume examines the role of the state education agency in school turnaround efforts. An emphasis is placed on practical application of research and best practice related to the State Education Agency's (SEA's) critical leadership role in driving and supporting successful school turnaround efforts. The Edited Volume is organized around the Center on School Turnaround's four objectives, with sections devoted to each: 1. Create a Pro-Turnaround Statutory and Regulatory Environment 2. Administer and Manage Turnaround Efforts Effectively 3. Provide Targeted and Timely Technical Assistance to Local Educational Agencies and Schools 4. Advocate and Lead to Build Support for Local Turnaround Efforts

The Maths Book Springer Science & Business Media

Smart (intelligent) structures have been the focus of a great deal of recent research interest. In this book, leading researchers report the state of the art and discuss new ideas, results and trends in 43 contributions, covering fundamental research issues, the role of intelligent monitoring in structural identification and damage assessment, the potential of automatic control systems in achieving a desired structural behaviour, and a

number of practical issues in the analysis and design of smart structures in mechanical and civil engineering applications. Audience: A multidisciplinary reference for materials scientists and engineers in such areas as mechanical, civil, aeronautical, electrical, control, and computer engineering.

Creative Education, Teaching and Learning Springer Science & Business Media

The purpose of this book is to present a focused approach to the pathophysiology, diagnosis, and management of the most common autonomic disorders that may present to the clinical neurologist. Autonomic Neurology is divided into 3 sections. The first section includes 5 chapters reviewing the anatomical and biochemical mechanisms of central and peripheral nervous system control of autonomic function, principles of autonomic pharmacology, and a clinical and laboratory approach to the diagnosis of autonomic disorders. The second section focuses on the pathophysiology and management of orthostatic hypotension, postural tachycardia, baroreflex failure; syncope, disorders of sweating, neurogenic bladder and sexual dysfunction, gastrointestinal dysmotility, and autonomic hyperactivity. The final section is devoted to specific autonomic disorders, including central neurodegenerative disorders; common peripheral neuropathies with prominent autonomic failure; painful small fiber neuropathies; autoimmune autonomic ganglionopathies and neuropathies; focal brain disorders; focal spinal cord disorders; and chronic pain disorders with autonomic manifestations. This book is the product of the extensive experience of its contributors in the evaluation and management of the many patients with autonomic symptoms who are referred for neurologic consultation at Mayo Clinic in Rochester, Minnesota. Autonomic Neurology focuses on clinical scenarios and presentation of clinical cases and includes several figures showing the results of normal and abnormal autonomic testing in typical conditions. Its abundance of tables summarizing the differential diagnosis, testing, and management of autonomic disorders also help set this book apart from other books focused on the autonomic nervous system.

Advances in Chemical Mechanical Planarization (CMP) IAP

This volume documents the proceedings of the Second Symposium on Particles on Surfaces: Detection, Adhesion and Removal held as part of the 19th Annual Meeting of the Fine Particle Society in Santa Clara, California, July 20-25, 1988. The premier symposium on this topic was I organized in 1986 and has been properly chronicled. Based on the success of these two events and the high interest evinced by the technical community, we plan to regularly hold symposia on this topic on a biennial basis and the next one is slated for August 20-24, 1990 in San Diego, California. I As pointed out in the Preface to the first volume, the topic of particles on surfaces is of paramount importance in legion of technological areas. Particularly in the semiconductor device fabrication area, all signals indicate that the understanding of the behavior of particles on surfaces and their removal will attain heightened importance in the times to come. As the device dimensions are shrinking at an accelerated pace, so the benign particles of today will become the killer defects in the not too distant future. The tempo of research and development activity in the field of particles on surfaces is very high, and better and novel ways are continuously being devised to remove smaller and smaller particles.

The Medicine Book Asian Development Bank

Applied studies scholarship has triggered a not-so-quiet revolution in the discipline of ethnomusicology. The current generation of applied ethnomusicologists has moved toward participatory action research, involving themselves in musical communities and working directly on their behalf. The essays in *The Oxford Handbook of Applied Ethnomusicology*, edited by Svanibor Pettan and Jeff Todd Titon, theorize applied ethnomusicology, offer histories, and detail practical examples with the goal of stimulating further development in the field. The essays in the book, all newly commissioned for the volume, reflect scholarship and data gleaned from eleven countries by over twenty contributors. Themes and locations of the research discussed encompass all world continents. The authors present case studies encompassing multiple places; other that discuss circumstances within a geopolitical unit, either near or far. Many of the authors consider marginalized peoples and communities; others argue for participatory

action research. All are united in their interest in overarching themes such as conflict, education, archives, and the status of indigenous peoples and immigrants. A volume that at once defines its field, advances it, and even acts as a large-scale applied ethnomusicology project in the way it connects ideas and methodology, The Oxford Handbook of Applied Ethnomusicology is a seminal contribution to the study of ethnomusicology, theoretical and applied.

The State Role in School Turnaround Penguin

Food properties, whether they concern the physical, thermodynamic, chemical, nutritional or sensory characteristics of foods, play an important role in food processing. In our quest to gain a mechanistic understanding of changes occurring during food processing, the knowledge of food properties is essential. Quantitative information on the food properties is necessary in the design and operation of food processing equipment. Foods, because of their biological nature and variability, vary in the magnitude of their properties. The variation in properties offer a challenge both in their measurement and use in the food processing applications. Often a high level of precision in measurement of properties is not possible as the measurement method may itself cause changes to the product, resulting in a variation in the obtained values. Recognizing the difficulties in measurement of food properties, and the lack of completeness of such information, several research programs have been in existence during the last two decades. In Europe, a multinational effort has been underway since 1978. The first project supported by COST (European Cooperation in the Field of Scientific and Technical Research), was titled COST 90 "The Effect of Processing on the Physical Properties of Foodstuffs". This and another project COST 90bis have considerably added to our knowledge of measurement methods and data on a number of physical properties. Two publications that summarize the work conducted under 1 2 these projects are Physical Properties of Foods and Physical Properties of Foods .

The Evolution of Senescence in the Tree of Life Springer Science & Business Media

The biggest online threat to businesses and consumers today is ransomware, a category of malware that can encrypt your computer files until you pay a ransom to unlock them. With this practical book, you ' ll learn how easily ransomware infects your system and what steps you can take to stop the attack before it sets foot in the network. Security experts Allan Liska and Timothy Gallo explain how the success of these attacks has spawned not only several variants of ransomware, but also a litany of ever-changing ways they ' re delivered to targets. You ' ll learn pragmatic methods for responding quickly to a ransomware attack, as well as how to protect yourself from becoming infected in the first place. Learn how ransomware enters your system and encrypts your files Understand why ransomware use has grown, especially in recent years Examine the organizations behind ransomware and the victims they target Learn how wannabe hackers use Ransomware as a Service (RaaS) to launch campaigns Understand how ransom is paid—and the pros and cons of paying Use methods to protect your organization ' s workstations and servers

Soil Survey Manual (New Revised Ed.) Legare Street Press

This book, specially prepared for soil scientists and engineers, offers comprehensive coverage of basic soil concepts, systematics, mapping and examination procedures for soils. The Manual is universally useful and is the primary reference on principles and technical detail for local, State and Federal contributions to authorized soil surveys. Soil scientists concerned with soil surveys in other countries have used it as well. Teachers have used it both as a text and as a reference for students.

Functionally Graded Materials Cambridge University Press

Principles of Polymer Science and Technology in Cosmetics and Personal Care Strengthening India's Intergovernmental Fiscal Transfers Springer Science & Business Media

Seemingly messy and chaotic, the landscapes and urban life of cities in Asia possess an order and hierarchy that often challenges understanding and appreciation. With contributions by a cross-disciplinary group of authors, Messy Urbanism: Understanding the "Other" Cities of Asia examines a range of cases in Asia to explore the social and institutional politics of urban informality and the contexts in which this "messiness" emerges or is constructed. The book brings a distinct perspective to the broader patterns of informal urban orders and processes as well as their interplay with formalized systems

and mechanisms. It also raises questions about the production of cities, cityscapes, and citizenship. Messy Urbanism will appeal to professionals, students, and scholars in the fields of urban studies, architecture, landscape architecture, planning and policy, as well as Asian studies. "The rubric of 'messy urbanism' is a productive antidote to the binaries that have limited a productive discussion about urbanism in Asia. This book is a significant contribution in understanding the inherent nature of the built environments in aspiring democracies—an emergent urbanism that seamlessly embraces the incremental, temporal, and ephemeral as given conditions in the formation of Asian cities." —Rahul Mehrotra, Architect / Professor of Urban Design and Planning, Harvard University "This book is of a high quality, with multiple examples from Hong Kong and China. The authors have covered the topic admirably and I expect the book to attract a wide readership." —Vinit Mukhija, Associate Professor and Vice Chair of Urban Planning, UCLA

Emerging Technologies in Surgery Springer Science & Business Media

Learn about the history and traditions of the Islamic faith in The Islam Book. Part of the fascinating Big Ideas series, this book tackles tricky topics and themes in a simple and easy to follow format. Learn about Islam in this overview guide to the subject, brilliant for novices looking to find out more and experts wishing to refresh their knowledge alike! The Islam Book brings a fresh and vibrant take on the topic through eye-catching graphics and diagrams to immerse yourself in. This captivating book will broaden your understanding of Islam, with: - Images of Islamic art, architecture, calligraphy, and historical artifacts - Packed with facts, charts, timelines and graphs to help explain core concepts - A visual approach to big subjects with striking illustrations and graphics throughout - Straightforward text makes topics accessible for people at any level of understanding The Islam Book is a comprehensive guide essential to understanding the world ' s fastest-growing religion - aimed at self-educators after a trustworthy account and religious studies students wanting to gain an overview. Here you ' ll find clear factual writing offering insight into terms like Sharia law, the Caliphate, and jihad; Sunni and Shia divisions; and Sufi poetry and music. Your Islam Questions, Simply Explained This essential guide to Islam covers every aspect of the Muslim faith and its history – from the life of the Prophet Muhammad and the teachings of the Koran to Islam in the 21st century. If you thought it was difficult to learn about one of the world ' s major religions, The Islam Book presents key information in an easy to follow layout. Find out about modern issues such as fundamentalism, the work of peaceful traditionalists, modernizers, and women's rights campaigners, as well as the central tenets of Islam, such as prayer, fasting, and pilgrimage. The Big Ideas Series With millions of copies sold worldwide, The Islam Book is part of the award-winning Big Ideas series from DK. The series uses striking graphics along with engaging writing, making big topics easy to understand. Copper Interconnect Technology Springer Science & Business Media

This book discusses the effects of emerging technologies on surgeons and surgical practice. The book opens with an overview of disruptive technologies, and their economic, scientific, ethical and social implications. Next comes a section describing how the Internet, virtual reality and simulation technology will change training and education. A section on Robotics covers computer-guided surgery, robotics and endoluminal therapies. Innovations in surgical instruments, including MEMS and Nanotechnology are outlined, as well. Next, the book reviews tissue engineering and artificial organs, genetic engineering, stem cells, emerging transplantation technologies and the brain-machine interface. A concluding section discusses ways of adapting to future technologies.

PISA The ABC of Gender Equality in Education Aptitude, Behaviour, Confidence OECD Publishing

This book provides a comprehensive overview of the steps involved in the ceramic injection molding process. It provides the reader with a convenient and authoritative source of information and guidance on the use of materials, equipment and testing procedures to produce satisfactory ceramic products.

Autonomic Neurology Penguin

This publication assesses India ' s fiscal federalism framework and presents recommendations to strengthen the country ' s fiscal framework that include a combination of unconditional, specific purpose and performance-based transfers. A mechanism for allocating performance-based grants to Indian states is proposed based on improvements in governance index. The publication also contributes to a deeper understanding of decentralization reforms across Asian countries. It synthesizes learnings from the experiences of Australia, Indonesia, Japan, the People ' s Republic of China and the Republic of Korea on the design of intergovernmental fiscal transfer systems and the use of performance-based transfers for promoting subnational governance and outcomes in social sectors such as education and health.