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Securing Sierra Leone. 1997-2013 Routledge

Chaos is the study of the underlying determinism in the seemingly random phenomena that occur all around us. One of the best experimental demonstrations of chaos occurs in electrical circuits when the parameters are chosen carefully. We will show you how to construct such chaotic circuits for use in your own studies and demonstrations while teaching you the basics of chaos. This book should be of interest to researchers and hobbyists looking for a simple way to produce a chaotic signal. It should also be useful to students and their instructors as an engaging way to learn about chaotic dynamics and electronic circuits. The book assumes only an elementary knowledge of calculus and the ability to understand a schematic diagram and the components that it contains. You will get the most out of this book if you can construct the circuits for yourself. There is no substitute for the thrill and insight of seeing the output of a circuit you built unfold as the trajectory wanders in real time across your oscilloscope screen. A goal of this book is to inspire and delight as well as to teach.

Computers As Cognitive Tools World Scientific

Provides specific information on how to transform schools into results-oriented professional learning communities, describing the best practices that have been used by schools nationwide.

Looking Forward to High School and College Aashto

A co-winner of the 2007 Nobel Peace Prize offers a clear-eyed explanation of the planet's imperiled ice. Much has been written about global warming, but the crucial relationship between people and ice has received little focus—until now. As one of the world's leading experts on climate change, Henry Pollack provides an accessible, comprehensive survey of ice as a force of nature, and the potential consequences as we face the possibility of a world without ice. A World Without Ice traces the effect of mountain glaciers on supplies of drinking water and agricultural irrigation, as well as the current results of melting permafrost and shrinking Arctic sea ice—a situation that has degraded the habitat of numerous animals and sparked an international race for seabed oil and minerals. Catastrophic possibilities loom, including rising sea levels and subsequent flooding of lowlying regions worldwide, and the ultimate displacement of millions of coastal residents. A World Without Ice answers our most urgent questions about this pending crisis, laying out the necessary steps for managing the unavoidable and avoiding the unmanageable.

Computational Complexity Routledge

New and classical results in computational complexity, including interactive proofs, PCP, derandomization, and quantum computation. Ideal for graduate students.

Self-Determined Learning Springer

Heutagogy, or self-determined learning, redefines how we understand learning and provides some exciting opportunities for educators. It is a novel approach to educational practice, drawing on familiar concepts such as constructivism, capability, andragogy and complexity theory. Heutagogy is also supported by a substantial and growing body of neuroscience research. Self-Determined Learning explores how heutagogy was derived, and what this approach to learning involves, drawing on recent research and practical applications. The editors draw together contributions from educators and practitioners in different fields, illustrating how the approach can be used and the benefits its use has produced. The subjects discussed include: the nature of learning, heutagogy in the classroom, flexible curriculum, assessment, e-learning, reflective learning, action learning and research, and heutagogy in professional practice settings.

Radiation Oncology Physics BSK Capital

Langkah terpenting pada investasi saham di bursa adalah mengetahui data kinerja keuangan perusahaan terkini dan melihat trend kinerja keuangan secara historis. Data keuangan harus di seleksi secara tepat, sehingga investor mengetahui data keuangan mana yang tepat, sehingga tidak membuang tenaga yang tidak perlu. Semua proses itu di perlukan dalam rangka menentukan nilai wajar saham tersebut. Buku ini memberikan perbandingan secara historis nilai wajar saham dengan harga pasar (penutupan) untuk semua saham listed di BEI sebanyak 531 saham yang tergabung dalam semua industry. Saham-saham semua sub sector industry ini terdiri dari • Agriculture • Finance • Property, Real Estate And Building Construction • Machinery And Heavy Equipment • Mining • Consumer Goods Industry • Trade, Services & Investment • Mining • Infrastructure, Utilities & Transportation Buku ini dilengkapi dengan Daftar 531 emiten berdasarkan industry sector per September 2016.

PISA The High Cost of Low Educational Performance The Long-run

Economic Impact of Improving PISA Outcomes Information Gatekeepers Inc

The timely revision of this best-selling guide offers specific tactics to effectively and meaningfully include students with disabilities in assessment systems.

Testing Students With Disabilities CRC Press

Over the last few decades, linear algebra has become more relevant than ever. Applications have increased not only in quantity but also in diversity, with linear systems being used to solve problems in chemistry, engineering, economics, nutrition, urban planning, and more. DeFranza and Gagliardi introduce students to the topic in a clear, engaging, and easy-to-follow manner. Topics are developed fully before moving on to the next through a series of natural connections. The result is a solid introduction to linear algebra for undergraduates' first course.

High Energy Materials OECD Publishing

Principles of Modern Radar: Basic Principles is a comprehensive text for courses in radar systems and technology, a professional training textbook for formal in-house courses and for new hires; a reference for ongoing study following a radar short course and a self-study and professional reference book.

Elegant Circuits: Simple Chaotic Oscillators Routledge

As the United States experiences dramatic demographic change--and as our society's income inequality continues to rise--promoting racial, ethnic, and economic inclusion at selective colleges has become more important than ever. At the same time, however, many Americans -including several members of the U.S. Supreme Court--are uneasy with explicitly using race as a factor in college admissions. The Court's decision in Fisher v. University of Texas emphasized that universities can use race in admissions only when "necessary," and that universities bear "the ultimate burden of demonstrating, before turning to racial classifications, that available, workable race-neutral alternatives do not suffice." With race-based admission programs increasingly curtailed, The Future of Affirmative Action explores race-neutral approaches as a method of promoting college diversity after Fisher decision. The volume suggests that Fisher might on the one hand be a further challenge to the use of racial criteria in admissions, but on the other presents a new opportunity to tackle, at long last, the burgeoning economic divisions in our system of higher education, and in society as a whole. Contributions from: Danielle Allen (Princeton); John Brittain (University of the District of Columbia) and Benjamin Landy (MSNBC.com); Nancy Cantor and Peter Englot (Rutgers-Newark); Anthony P. Carnevale, Stephen J. Rose, and Jeff Strohl (Georgetown University); Dalton Conley (New York University); Arthur L. Coleman and Teresa E. Taylor (EducationCounsel LLC); Matthew N. Gaertner (Pearson); Sara Goldrick-Rab (University of Wisconsin-Madison); Scott Greytak (Campinha Bacote LLC); Catharine Hill (Vassar); Richard D. Kahlenberg (The Century Foundation); Richard L. McCormick (Rutgers); Nancy G. McDuff (University of Georgia); Halley Potter (The Century Foundation); Alexandria Walton Radford (RTI International) and Jessica Howell (College Board); Richard Sander (UCLA School of Law); and Marta Tienda (Princeton).

Learning to Think Spatially National Academies Press

This three-volume book highlights significant advances in the development of new information systems technologies and architectures. Further, it helps readers solve specific research and analytical problems and glean useful knowledge and business value from data. Each chapter provides an analysis of a specific technical problem, followed by a numerical analysis, simulation, and implementation of the solution to the real-world problem. Managing an organization, especially in today's rapidly changing environment, is a highly complex process. Increased competition in the marketplace, especially as a result of the massive and successful entry of foreign businesses into domestic markets, changes in consumer behaviour, and broader access to new technologies and information, calls for organisational restructuring and the introduction and modification of management methods using the latest scientific advances. This situation has prompted various decision-making bodies to introduce computer modelling of organization management systems. This book presents the peer-reviewed proceedings of the 40th Anniversary International Conference "Information Systems Architecture and Technology" (ISAT), held on September 15–17, 2019, in Wrocław, Poland. The conference was organised by the Computer Science Department, Faculty of Computer Science and Management, Wroclaw University of Sciences and Technology, and University of Applied Sciences in Nysa, Poland. The papers have been grouped into three major sections: Part I—discusses topics including, but not limited to, artificial intelligence methods, knowledge discovery and data mining, big data, knowledge-based management, Internet of Things, cloud computing and high-performance computing, distributed computer systems, content delivery networks, and service-oriented computing. Part II—addresses various topics, such as system modelling for control, recognition and decision support, mathematical modelling in computer system design, service-oriented systems, and cloud computing, and complex process modelling. Part III—focuses on a number of themes, like knowledge-based management, modelling of financial and investment decisions, modelling of managerial decisions, production systems management, and maintenance, risk management, small business management, and theories and models of innovation.

The Future of Affirmative Action Solution Tree

"This book explores the development of online assessment and the way practitioners of online learning can modify their methodologies in the design, development, and delivery of their instruction to best accommodate their participants"--Provided by publisher.

Introduction to Research in Education McGraw-Hill Education

Written and edited by leading experts in the field, this authoritative account sets UK and European practices firmly within a global context. It offers an in-depth and contextual account of enduring, contemporary and cutting edge theories and approaches to diversity and inclusion management. With workforce demographics changing rapidly, high-profile cases of discrimination in the news and new legislation coming into force, it is more crucial than ever that organisations understand and effectively manage workplace diversity – not only to increase business outcomes, but to create an inclusive workplace in a socially responsible manner. This second edition includes an engaging new chapter on social class and diversity, as well as a range of new mini case studies on contemporary issues and themes such as intersectionality and autism employment. Packed with learning features to encourage critical analysis and help you link theory to real-world practice, Managing Diversity and Inclusion offers an in-depth and contextual account of enduring and cutting edge discussions and approaches to diversity and inclusion management.

A World Without Ice Springer Nature

While current educational technologies have the potential to fundamentally enhance literacy education, many of these tools remain unknown to or unused by today's practitioners due to a lack of access and support. Adaptive Educational Technologies for Literacy Instruction presents actionable information to educators, administrators, and researchers about available educational technologies that provide adaptive, personalized literacy instruction to students of all ages. These accessible, comprehensive chapters, written by leading researchers who have developed systems and strategies for classrooms, introduce effective technologies for reading comprehension and writing skills.

Principles of Modern Radar Consortium on Chicago School Research

The achievement of students of color continues to be disproportionately low at all levels of education. More than ever, Geneva Gay's foundational book on culturally responsive teaching is essential reading in addressing the needs of today's diverse student population. Combining insights from multicultural education theory and research with real-life classroom stories, Gay demonstrates that all students will perform better on multiple measures of achievement when teaching is filtered through their own cultural experiences. This bestselling text has been extensively revised to include expanded coverage of student ethnic groups: African and Latino Americans as well as Asian and Native Americans as well as new material on culturally diverse communication, addressing common myths about language diversity and the effects of "English Plus" instruction.

The Inner Game of Tennis Cengage Learning

What is sensory marketing and why is it interesting and also important? Krishna defines it as marketing that engages the consumers' senses and affects their behaviors. In this edited book, the authors discuss how sensory aspects of products, i.e., the touch, taste, smell, sound, and look of the products, affect our emotions, memories, perceptions, preferences, choices, and consumption of these products. We see how creating new sensations or merely emphasizing or bringing attention to existing sensations can increase a product's or service's appeal. The book provides an overview of sensory marketing research that has taken place thus far. It should facilitate sensory marketing by practitioners and also can be used for research or in academic classrooms.

Adaptive Educational Technologies for Literacy Instruction Routledge

Los Angeles magazine is a regional magazine of national stature. Our combination of award-winning feature writing, investigative reporting, service journalism, and design covers the people, lifestyle, culture, entertainment, fashion, art and architecture, and news that define Southern California. Started in the spring of 1961, Los Angeles magazine has been addressing the needs and interests of our region for 48 years. The magazine continues to be the definitive resource for an affluent population that is intensely interested in a lifestyle that is uniquely Southern Californian.

Wireless Satellite Monthly Newsletter 04 10 Ellis Horwood

Highlighting and illustrating several important and interesting theoretical trends that have emerged in the continuing development of instructional technology, this book's organizational framework is based on the notion of two opposing camps. One evolves out of the intelligent tutoring movement, which employs artificial-intelligence technologies in the service of student modeling and precision diagnosis, and the other emerges from a constructivist/developmental perspective that promotes exploration and social interaction, but tends to reject the methods and goals of

the student modelers. While the notion of opposing camps tends to create an artificial rift between groups of researchers, it represents a conceptual distinction that is inherently more interesting and informative than the relatively meaningless divide often drawn between "intelligent" and "unintelligent" instructional systems. An evident trend is that researchers in both "camps" view their computer learning environments as "cognitive tools" that can enhance learning, performance, and understanding. Cognitive tools are objects provided by the instructional environment that allow students to incorporate new auxiliary methods or symbols into their social problem solving which otherwise would be unavailable. A final section of the book represents researchers who are assimilating and accommodating the wisdom and creativity of their neighbors from both camps, perhaps forming the look of technology for the future. When the idea of model tracing in a computer-based environment is combined with appreciation for creative mind-extension cognitive tools and for how a community of learners can facilitate learning, a camp is created where AI technologists and social constructivist learning theorists can feel equally at home.

Porth Cambridge University Press

From early answer sheets filled in with number 2 pencils, to tests administered by mainframe computers, to assessments wholly constructed by computers, it is clear that technology is changing the field of educational and psychological measurement. The numerous and rapid advances have immediate impact on test creators, assessment professionals, and those who implement and analyze assessments. This comprehensive new volume brings together leading experts on the issues posed by technological applications in testing, with chapters on game-based assessment, testing with simulations, video assessment, computerized test development, large-scale test delivery, model choice, validity, and error issues. Including an overview of existing literature and ground-breaking research, each chapter considers the technological, practical, and ethical considerations of this rapidly-changing area. Ideal for researchers and professionals in testing and assessment, Technology and Testing provides a critical and in-depth look at one of the most pressing topics in educational testing today. The Open Access version of this book, available at http://www.taylorfrancis.com, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license.

Introduction to Linear Algebra with Applications SAGE

This work gives an overview of significant research from recent years concerning performance-based design and quality control for concrete durability and its implementation. In engineering practice, performance approaches are often still used in combination with prescriptive requirements. This is largely because, for most durability test methods, sufficient practical experience still has to be gained before engineers and owners are prepared to fully rely on them. This book, compiled by RILEM TC 230-PSC, is intended to assist efforts to successfully build the foundation for the full implementation of performance-based approaches through the exchange of relevant knowledge and experience between researchers and practitioners worldwide.