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CABRERA PATIENCE

Whatever Happened to Class? CRC Press

Mathematical Analysis for Modeling is intended for those who want to understand the substance of mathematics, rather than just having familiarity with its techniques. It provides a thorough understanding of how mathematics is developed for and applies to solving scientific and engineering problems. The authors stress the construction of mathematical descriptions of scientific and engineering situations, rather than rote memorizations of proofs and formulas. Emphasis is placed on algorithms as solutions to problems and on insight rather than formal derivations.

Index to Theses with Abstracts Accepted for Higher Degrees by the Universities of Great Britain and Ireland and the Council for National Academic Awards Rowman & Littlefield

THE PHENOMENOLOGY OF CREATIVITY: HISTORY, PARADOXES, PERSONALITY By Samad I. Seyidov One of the principal aims of the book is to provide readers with a concise overview of both intellectual history and the leading concepts of international science and philosophy that impact the field of the psychology of creativity. The target audiences for the book are researchers in psychology, philosophy, history, literature, and University students. The book presents a contrasting study of the views of ancient Indian, Chinese, Greek, Middle Eastern, and Russian philosophers on creativity. It also discusses the subject of creativity as viewed by Freud, Jung, Adler, the Gestalt school, and other prominent Western psychologists. A special place is provided for an overview of the history of Soviet psychology, and of the revival of psychology in Azerbaijan after the fall of the Soviet Union. The author emphasizes the importance of the social environment in determining the development of the personality. He states that most personal activity is directed at serving the values of the surrounding society, not the values of the person himself. The author considers that creativity is a psychic defense mechanism which people use to solve everyday problems in order to restore their inner and outer equilibrium. Through references to the world's leading psychology schools, the author reveals new paradoxes of creativity such as "logic," "morality," "quantity," "universal availability," "desirability," "searching," "the model," "the narrowing of the unconscious," "determinants," and "the product." He describes the distinctive features of the creative personality, namely the capacity for metaphorical thinking, flexibility, inner vision, neutralization, originality, verbal facility, a rich imagination, field-independence etc. [endorsements] Samad Seyidov's study of creativity comes at the right time and from the

right place. Not only are we passing through a period of rapid change, particularly in such fields as nanotechnology, neuroscience, physiological psychology, and genetics, but also the participants in this change are no longer limited to a small group of western countries, but are increasingly appearing in different parts of the world. If the social upheaval that these changes are having in established societies is great, it is even greater in newly emerging societies. Are we equipped to manage these changes, and can the creative arts and sciences join to interpret them, drawing on their varied traditions in order to do so? That is surely the vital question that we carry away from Professor Seyidov's important study of personality and creativity. Prof. Humphrey Tonkin, President Emeritus at the University of Hartford (USA) "The Phenomenology of Creativity" by Samad Seyidov is not only an interesting book, but a fascinating one. The Rector of Azerbaijan Languages University did a large and deep investigation through the history of the human creativity and its resorts to obtain conclusions about the nature of this phenomenon. The studies on the creativity made by Prof. Seyidov are able to be in the attention at every researcher in that area. Dr. Horia Gârbea, Romanian writer, Vice-President of The Romanian Cultural Institute Key principles of psychology are marked by paradoxes and contradictions, whose proper address requires creativity. This complex but intellectually fascinating phenomenon Seyidov's study explores with admirable insight and clarity. Prof. Eleni Karamalengu, National & Kapodistrian University of Athens

Advances in Computer Science for Engineering and Education III World Bank Publications

This e-book is a compilation of papers presented at the Mechanical Engineering Research Day 2015 (MERD'15) - Melaka, Malaysia on 31 March 2015.

Recent Trends in Mathematical Modeling and High Performance Computing Springer Science & Business Media

An introduction to a broad range of topics in deep learning, covering mathematical and conceptual background, deep learning techniques used in industry, and research perspectives. "Written by three experts in the field, Deep Learning is the only comprehensive book on the subject." —Elon Musk, cochair of OpenAI; cofounder and CEO of Tesla and SpaceX Deep learning is a form of machine learning that enables computers to learn from experience and understand the world in terms of a hierarchy of concepts. Because the computer gathers knowledge from experience, there is no need for a human computer operator to formally specify all the knowledge that the computer needs. The hierarchy of concepts allows the computer to learn complicated concepts by building them out of simpler ones; a graph of these hierarchies would be many layers deep. This book introduces a

broad range of topics in deep learning. The text offers mathematical and conceptual background, covering relevant concepts in linear algebra, probability theory and information theory, numerical computation, and machine learning. It describes deep learning techniques used by practitioners in industry, including deep feedforward networks, regularization, optimization algorithms, convolutional networks, sequence modeling, and practical methodology; and it surveys such applications as natural language processing, speech recognition, computer vision, online recommendation systems, bioinformatics, and videogames. Finally, the book offers research perspectives, covering such theoretical topics as linear factor models, autoencoders, representation learning, structured probabilistic models, Monte Carlo methods, the partition function, approximate inference, and deep generative models. Deep Learning can be used by undergraduate or graduate students planning careers in either industry or research, and by software engineers who want to begin using deep learning in their products or platforms. A website offers supplementary material for both readers and instructors.

The Punjab University Journal of Mathematics CRC Press

The second edition of the Impact Evaluation in Practice handbook is a comprehensive and accessible introduction to impact evaluation for policy makers and development practitioners. First published in 2011, it has been used widely across the development and academic communities. The book incorporates real-world examples to present practical guidelines for designing and implementing impact evaluations. Readers will gain an understanding of impact evaluations and the best ways to use them to design evidence-based policies and programs. The updated version covers the newest techniques for evaluating programs and includes state-of-the-art implementation advice, as well as an expanded set of examples and case studies that draw on recent development challenges. It also includes new material on research ethics and partnerships to conduct impact evaluation. The handbook is divided into four sections: Part One discusses what to evaluate and why; Part Two presents the main impact evaluation methods; Part Three addresses how to manage impact evaluations; Part Four reviews impact evaluation sampling and data collection. Case studies illustrate different applications of impact evaluations. The book links to complementary instructional material available online, including an applied case as well as questions and answers. The updated second edition will be a valuable resource for the international development community, universities, and policy makers looking to build better evidence around what works in development.

Fundamentals of Statistics AuthorHouse

First published in 2000. Routledge is an imprint of Taylor &

Francis, an informa company.

Statistical Techniques in Business & Economics Springer Nature
This volume explores the connections between mathematical modeling, computational methods, and high performance computing, and how recent developments in these areas can help to solve complex problems in the natural sciences and engineering. The content of the book is based on talks and papers presented at the conference Modern Mathematical Methods and High Performance Computing in Science & Technology (M3HPCST), held at Inderprastha Engineering College in Ghaziabad, India in January 2020. A wide range of both theoretical and applied topics are covered in detail, including the conceptualization of infinity, efficient domain decomposition, high capacity wireless communication, infectious disease modeling, and more. These chapters are organized around the following areas: Partial and ordinary differential equations Optimization and optimal control High performance and scientific computing Stochastic models and statistics Recent Trends in Mathematical Modeling and High Performance Computing will be of interest to researchers in both mathematics and engineering, as well as to practitioners who face complex models and extensive computations.

Statistics Subject Indexes from Mathematical Reviews Amer Mathematical Society

Based on lecture notes of two summer schools with a mixed audience from mathematical sciences, epidemiology and public health, this volume offers a comprehensive introduction to basic ideas and techniques in modeling infectious diseases, for the comparison of strategies to plan for an anticipated epidemic or pandemic, and to deal with a disease outbreak in real time. It covers detailed case studies for diseases including pandemic influenza, West Nile virus, and childhood diseases. Models for other diseases including Severe Acute Respiratory Syndrome, fox rabies, and sexually transmitted infections are included as applications. Its chapters are coherent and complementary independent units. In order to accustom students to look at the current literature and to experience different perspectives, no attempt has been made to achieve united writing style or unified notation. Notes on some mathematical background (calculus, matrix algebra, differential equations, and probability) have been prepared and may be downloaded at the web site of the Centre for Disease Modeling (www.cdm.yorku.ca).

Mathematics Across Contemporary Sciences Routledge

Class explains much in the differentiation of life chances and political dynamics in South Asia, yet has fallen from favor. In this volume, original empirical work investigates the contributions and limits of class analysis in understanding politics and allocative patterns of a globalizing South Asia, with suggestions for refining theory.

Optimization for Energy Systems and Supply Chains Springer Science & Business Media

'Taken for Wonder' focuses on 19th-century travelogues authored by Iranians in Europe and argues for a methodological shift in the way scholars interpret travel writing.

Regional Conference on Science, Technology and Social Sciences (RCSTSS 2016) MDPI

Theses on any subject submitted by the academic libraries in the UK and Ireland.

Taken for Wonder MIT Press

To curb the impacts of rising CO2 emissions, the Intergovernmental Panel on Climate Change report states that a net zero target needs to be achieved by the year 2055. Experts argue that this is a critical time to make important and accurate decisions. Thus, it is essential to have the right tools to efficiently plan and deploy future energy systems and supply chains. Mathematical models can provide decision-makers with the tools required to make well-informed decisions relating to development of energy systems and supply chains. This book provides an understanding of the various available energy systems, the basics behind mathematical models, the steps required to develop mathematical models, and examples/case studies where such models are applied. Divided into two parts, one covering basics

for beginners and the other featuring contributed chapters offering illustrative examples, this book: Shows how mathematical models are applied to solve problems in energy systems and supply chains Provides fundamentals of the working principles of various energy systems and their technologies Offers basics of how to formulate and best practices for developing mathematical models, topics not covered in other titles Features a wide range of case studies Teaches readers to develop their own mathematical models to make decisions on energy systems This book is aimed at chemical, process, mechanical, and energy engineers. **Bibliographic Guide to Government Publications** Springer
Accompanying CD-ROM contains ... "data files, Web links, practice quizzes, PowerPoint, video clips, software tutorials, MegaStat for Excel software and user manual."--Page 4 of cover.

Impact Evaluation in Practice, Second Edition Centre for Advanced Research on Energy
The hippocampus is one of the most studied structures in the human brain and plays a pivotal role in human memory function. Its recognized function is reflected by the presence of an extensive body of neurophysiological, neuropsychological, anatomical and neurocomputational literature that presents basic mechanisms, theoretical models and psychological concepts. However, in the rapidly growing field of hippocampal research, the clinical aspects of diseases that affect the hippocampus are greatly under-represented in current literature, and clinical approaches and concepts are scattered throughout various clinical and basic scientific disciplines. The Clinical Neurobiology of the Hippocampus explores clinical approaches to the range of diseases that affect the hippocampus. It brings together and reviews the common methods, clinical findings, concepts, mechanisms and, where applicable, therapeutic strategies for these clinical approaches. The clinical spectrum of hippocampal dysfunction encompasses a wide range of neurological, behavioural and psychiatric symptoms and surpasses the ability to encode, store and retrieve information. The relevance of hippocampal involvement in clinical diseases goes beyond mere neuropsychological deficits and includes psychopathological states in various conditions, such as acute amnesic syndromes, Alzheimer's disease, temporal lobe epilepsy (TLE), sleep, stroke medicine, limbic encephalitis, neurodevelopmental disorders, stress- and trauma-related disorders, depression, and schizophrenia. The first part of the book covers the basic and integrative features of the hippocampus, such as the anatomy and imaging of this structure, and the basic mechanisms of hippocampal function, including the principles of hippocampus-dependent memory processing in amnesia and sleep, the mechanisms of vulnerability and adult neurogenesis as well as the effects of stress. The second part covers the various clinical manifestations in which the hippocampus is involved and in which the preceding basic mechanisms are reflected. Bringing together a broad team of experts on the basic and clinical aspects of the hippocampus, the book provides an integrative view of the hippocampus. It is invaluable for neurologists, neuroscientists, and psychiatrists, and will stimulate interdisciplinary discussions in clinical neuroscience.

Research Review OUP USA

This work presents invited contributions from the second "International Conference on Mathematics and Statistics" jointly organized by the AUS (American University of Sharjah) and the AMS (American Mathematical Society). Addressing several research fields across the mathematical sciences, all of the papers were prepared by faculty members at universities in the Gulf region or prominent international researchers. The current volume is the first of its kind in the UAE and is intended to set new standards of excellence for collaboration and scholarship in the region.

Mathematical Analysis for Modeling Springer Science & Business Media

This book gathers selected theoretical and applied science papers presented at the 2016 Regional Conference of Sciences, Technology and Social Sciences (RCSTSS 2016), organized biannually by the Universiti Teknologi MARA Pahang, Malaysia. Addressing a broad range of topics, including architecture,

computer science, engineering, environmental and management, furniture, forestry, health and medicine, material science, mathematics, plantation and agrotechnology, sports science and statistics, the book serves as an essential platform for disseminating research findings, and inspires positive innovations in the region's development. The carefully reviewed papers in this volume present work by researchers of local, regional and global prominence. Taken together, they offer a valuable reference guide and point of departure for all academics and students who want to pursue further research in their respective fields.

Cricket Performance Management Springer Nature
Riset pasar dan pemasaran adalah aktivitas bisnis yang terdokumentasi dengan baik, dan tentang mengajukan pertanyaan yang tepat kepada orang yang tepat, oleh karena itu dibutuhkan pemahaman yang baik dalam penelitian pasar dan pemasaran. Jadi mengapa menulis buku ini? Perusahaan saat ini mendefinisikan kembali pasar dengan perkembangan teknologi yang ada, sehingga mereka terus-menerus mendefinisikan kembali sains dan teknologi, dan juga secara terus-menerus membentuk dan mendefinisikan kembali pasar tempat mereka berada. Secara lengkap buku ini membahas : Bab 1 Konsep Riset Pasar Bab 2 Proses Riset Pasar Bab 3 Jenis Dan Tahapan Riset Pemasaran Bab 4 Pertanyaan Penelitian Pemasaran (Riset Pemasaran) Bab 5 Teknik-Teknik Pengumpulan Data Bab 6 Pengukuran Dalam Riset Pemasaran Bab 7 Teknik Sampling Bab 8 Metode Studi Pustaka Bab 9 Metode Riset Kualitatif Bab 10 Metode Riset Kuantitatif

News Letter Yayasan Kita Menulis

Data Mining and Knowledge Discovery Handbook organizes all major concepts, theories, methodologies, trends, challenges and applications of data mining (DM) and knowledge discovery in databases (KDD) into a coherent and unified repository. This book first surveys, then provides comprehensive yet concise algorithmic descriptions of methods, including classic methods plus the extensions and novel methods developed recently. This volume concludes with in-depth descriptions of data mining applications in various interdisciplinary industries including finance, marketing, medicine, biology, engineering, telecommunications, software, and security. Data Mining and Knowledge Discovery Handbook is designed for research scientists and graduate-level students in computer science and engineering. This book is also suitable for professionals in fields such as computing applications, information systems management, and strategic research management.

Mathematical Epidemiology Springer Nature

This book comprises high-quality refereed research papers presented at the Third International Conference on Computer Science, Engineering and Education Applications (ICSEEA2020), held in Kyiv, Ukraine, on 21-22 January 2020, organized jointly by National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", National Aviation University, and the International Research Association of Modern Education and Computer Science. The topics discussed in the book include state-of-the-art papers in computer science, artificial intelligence, engineering techniques, genetic coding systems, deep learning with its medical applications, and knowledge representation with its applications in education. It is an excellent source of references for researchers, graduate students, engineers, management practitioners, and undergraduate students interested in computer science and their applications in engineering and education.

Current Index to Statistics, Applications, Methods and Theory Springer

In this volume leading researchers offer an interesting and accessible overview of what we now know about risk and protective factors for family functioning and child adjustment in different kinds of families. They explore interactions among individual, familial, and extrafamilial risk and protective factors in an attempt to explain the great diversity in parents' and children's responses to different kinds of experiences associated with marriage, divorce, life in a single parent household, and remarriage.