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TORRES LIZETH

Mathematical Analysis I Springer Science & Business Media

A team of authors from prestigious academic schools contributed to draw up a project that would give a detailed account of astrocyte's morphology and physiology, examining thoroughly all the astrocyte's types; giving an accurate description of their morphology, location, function in the brain; and illustrating their physiology and pathology in terms of dealing with neurons through "gliotransmitters," ionic channels, and membrane receptors expression. This book gives an overview of the crucial role of astrocytes in the physiology of the CNS and in the pathogenesis of several CNS disorders suggesting that the shift from a neurocentric view to one that incorporates astrocytes in disease models for drug discovery is a critical step in renewing drug development strategies to treat neurodegenerative diseases.

Marine Biodiversity and Ecosystem Functioning Springer Nature

The book provides information on the major EEW systems in operation and on the state-of-the-art of the different blocks forming an EW system: the rapid detection and estimation of the earthquake's focal parameters, the signal transmission, the engineering interface and the information reliability/false alarm problem. It is the first time that so many aspects of EEW systems have been specifically focused upon within a single book.

Research & tentative design All'Insegna del Giglio

The book presents research that contributes to the development of intelligent dialog systems to simplify diverse aspects of everyday life, such as medical diagnosis and entertainment. Covering major thematic areas: machine learning and artificial neural networks; algorithms and models; and social and biometric data for applications in human-computer interfaces, it discusses processing of audio-visual signals for the detection of user-perceived states, the latest scientific discoveries in processing verbal (lexicon, syntax, and pragmatics), auditory (voice, intonation, vocal expressions) and visual signals (gestures, body language, facial expressions), as well as algorithms for detecting communication disorders, remote health-status monitoring, sentiment and affect analysis, social behaviors and engagement. Further, it examines neural and machine learning algorithms for the implementation of advanced telecommunication systems, communication with people with special needs, emotion modulation by computer contents, advanced sensors for tracking changes in real-life and automatic systems, as well as the development of advanced human-computer interfaces. The book does not focus on solving a particular problem, but instead describes the results of research that has positive effects in different fields and applications.

Business for Society Springer Science & Business Media

Acclaimed entrepreneurship and innovation scholar Piero Formica, along with a strong and diverse cast of international contributors, explore the world of Open Innovation in this volume. *Protagonists of the Twentieth Century From Hilbert to Wiles* S. Karger AG (Switzerland) to the Second Edition here have been significant changes in pediatric Chapter 56 by Maya Eibschitz-Tsimhoni, MD, is a T ophthalmology and strabismus since the first wonderful contribution to the literature, as it reviews edition. Great effort has gone into incorporat 235 important ocular disorders that have systemic ing recent advances into this second edition. Each manifestations, and it includes a detailed glossary of chapter in the book has been revised, and over half of terms. them have been completely rewritten. In addition to As with the first edition, our goal is to present a updating and revising the entire book, we have added comprehensive textbook of pediatric ophthalmology three new chapters: Chapter 7 on electrophysiology and strabismus written in a clear, reader-friendly style. and the eye, Chapter 1 7 on strabismus surgery, and Our hope is that the readerwill find the second edi Chapter 56 on congenital syndromes with ocular man tion of Pediatric Ophthalmology and Strabismus to ifestations. Chapter 17 is the definitive work on pedi be

scientifically informative, clinically useful, and en atric ocular electrophysiology, bar none, and was fin joyable to read. ished just weeks before the untimely death of its author, Dr. Tony Kriss (see tribute in Chapter 17).

Methods, Reference Values Рипол Классик

Astrophysics is often -with some justification - regarded as incomprehensible without the use of higher mathematics. Consequently, many amateur astronomers miss out on some of the most fascinating aspects of the subject. *Astrophysics Is Easy!* cuts through the difficult mathematics and explains the basics of astrophysics in accessible terms. Using nothing more than plain arithmetic and simple examples, the workings of the universe are outlined in a straightforward yet detailed and easy-to-grasp manner. The original edition of the book was written over eight years ago, and in that time, advances in observational astronomy have led to new and significant changes to the theories of astrophysics. The new theories will be reflected in both the new and expanded chapters. A unique aspect of this book is that, for each topic under discussion, an observing list is included so that observers can actually see for themselves the concepts presented -stars of the spectral sequence, nebulae, galaxies, even black holes. The observing list has been revised and brought up-to-date in the Second Edition.

Springer

"This book presents a range of insights on the relationship between food and law. Over time, religions have multiplied food prohibitions and prescriptions, customs have redistributed land, shared its occupancy in creative ways, or favoured communal property so that everyone could have access to food. In turn, laws have multiplied to facilitate food trade, security, safety, traceability, and also to promote and protect food and wine production, using trademarks and geographical denominations. This volume brings a comparative and interdisciplinary approach to examine some of the most heavily debated issues in the interaction between food, in all forms, and the law. Topics covered include food security, food safety, food quality, intellectual property and consumer protection. As well as highlighting current issues, the work also points to new challenges in this field"--

Advanced Studies in Classification and Data Science Actar

Il volume raccoglie gli Atti del Secondo Convegno Tematico organizzato dall'AIECM3 (Association pour l'étude des céramiques Médiévales et Moderne en Méditerranée), tenutosi dal 17 al 19 aprile del 2015, in collaborazione con il Museo Internazionale delle Ceramiche in Faenza e con il Dipartimento di Studi Umanistici dell'Università Ca' Foscari di Venezia. L'incontro si proponeva di indagare il ruolo dei manufatti ceramici all'interno delle comunità e delle sue dinamiche. I contributi qui proposti non si concentrano dunque sugli oggetti in sé, ma li seguono come un filo conduttore, per interpretare le società che li hanno prodotti ed utilizzati. I contenuti riflettono l'ampia e poliedrica partecipazione al Convegno in termini di specializzazione disciplinare, cronologica e geografica. Nel complesso gli Atti raccolgono trentasei contributi originali che coprono il periodo compreso tra la tarda antichità e il XX secolo. La prima parte è dedicata al tema della ceramica, intesa come agente nelle dinamiche sociali e diretto portatore di significato. La seconda sezione è interamente dedicata al passato recente, un argomento poco praticato in campo archeologico, ma che si è rivelato molto fecondo. Le comunità e le loro diverse scale di grandezza sono le protagoniste della terza ed ultima parte del libro

Advances in Neural Networks: Computational and Theoretical Issues Harry N Abrams Incorporated This book gathers an in-depth collection of 45 selected papers presented at the Global Conference on Global Warming 2014 in Beijing, China, covering a broad variety of topics from the main principles of thermodynamics and their role in design, analysis, and the improvements in performance of energy systems to the potential impact of global warming on human health and wellbeing. Given energy production's role in contributing to global warming and climate change, this work provides solutions to global warming from the point of view of energy. Incorporating multi-

disciplinary expertise and approaches, it provides a platform for the analysis of new developments in the area of global warming and climate change, as well as potential energy solutions including renewable energy, energy efficiency, energy storage, hydrogen production, CO2 capture and environmental impact assessment. The research and analysis presented herein will benefit international scientists, researchers, engineers, policymakers and all others with an interest in global warming and its potential solutions.

Advanced Gynecologic Endoscopy Routledge

Steps forward in mathematics often reverberate in other scientific disciplines, and give rise to innovative conceptual developments or find surprising technological applications. This volume brings to the forefront some of the proponents of the mathematics of the twentieth century, who have put at our disposal new and powerful instruments for investigating the reality around us. The portraits present people who have impressive charisma and wide-ranging cultural interests, who are passionate about defending the importance of their own research, are sensitive to beauty, and attentive to the social and political problems of their times. What we have sought to document is mathematics' central position in the culture of our day. Space has been made not only for the great mathematicians but also for literary texts, including contributions by two apparent interlopers, Robert Musil and Raymond Queneau, for whom mathematical concepts represented a valuable tool for resolving the struggle between 'soul and precision.'

In&Around. Ceramiche e comunità. Secondo convegno tematico dell'AIECM3 (Faenza, Museo Internazionale delle Ceramiche, 17-19 aprile 2015) Springer Nature

This book is not about a folk or typical Latin American architecture. Latin America is not some faraway, isolated region, rather a huge and universal laboratory. It shows a different Latin America through its recent architecture, which flourishes in our time of global communications. It does have roots in the past; but does not appeal to nostalgia. Architecture thought for the present and designed for the near future. Total Latin American Architecture intends to communicate a targeted objective, to circumscribe a segment, a series of observations and actions in architecture.

Astrocyte Springer

Entrepreneurship has been the focus of considerable interest in the policy and business circles in the past two decades. Against a backdrop of the recent global recession, downsizing by large firms and problems of inequality and unemployment in many countries in Europe and Africa, it is realized that vigorous entrepreneurship is critical for sustainable job creation, and for boosting tax revenue and economic growth in a society. This book provides current research on entrepreneurship and firm performance. The first chapter examines the nature of entrepreneurship by selectively drawing from the economic, management and psychological schools, and then presents an integrated electric view of entrepreneurship based on the different schools of thought. Chapter two theoretically examines the influence of international non-governmental organizations (INGOs), on local and international entrepreneurial activity stemming from emerging markets in light of globalization and the aftermath of the global economic crisis. Chapter three examines the moderating effect of prior functional and prior founding experiences of the founders on the relationship between ecosystem and new venture growth. Chapter four justifies both theoretically and scientifically the emotional and social aspects of gender, and offers a new arena for sketching the figures of a man and a woman entrepreneur. Chapter five discusses topics of entrepreneurship in Brazil, focusing on psychosocial elements which impact entrepreneur's agency and considering cultural, social and psychological aspects which singularize such practice, potentially distinguishing it from other countries' experiences. Chapter six analyzes the situation of social entrepreneurship in Lithuania, emphasizing its policy and practice in the European Union (EU) context, striving for youth involvement in becoming social entrepreneurs. Chapter seven conducts an initial insight on the link between entrepreneurial motivations and performance in microfinance institutions (MFIs). The last chapter proposes a multidimensional approach to the study of entrepreneurship.

Exploring the Culture of Open Innovation Presses universitaires de Louvain

The purpose of the volume is to provide a support for a first course in Mathematics. The contents are organised to appeal especially to Engineering, Physics and Computer Science students, all areas in which mathematical tools play a crucial role. Basic notions and methods of differential and integral calculus for functions of one real variable are presented in a manner that elicits critical reading and prompts a hands-on approach to concrete applications. The layout has a specifically-designed modular nature, allowing the instructor to make flexible didactical choices when planning an introductory lecture course. The book may in fact be employed at three levels of depth. At the elementary level the student is supposed to grasp the very essential ideas and familiarise with the corresponding key techniques. Proofs to the main results befit the intermediate level, together with several remarks and complementary notes enhancing the treatise. The last, and farthest-reaching, level requires the additional study of the material contained in the appendices, which enable the strongly motivated reader to explore further into the subject. Definitions and properties are furnished with substantial examples to stimulate the learning process. Over 350 solved exercises complete the text, at least half of which guide the reader to the solution. This new edition features additional material with the aim of matching the widest range of educational choices for a first course of Mathematics.

Bone Quantitative Ultrasound Routledge

Explains the relationships between colors, discusses physical and chemical aspects of color, and describes color perception and its psychological impact

Entrepreneurship and Firm Performance CRC Press

In Atlas of Nuclear Cardiology, Doctors Dilsizian and Narula have worked together with over a dozen leading authorities to capture the most up-to-date and pertinent information in the field of nuclear cardiology. This atlas is a modern and complete visual library of up-to-date information on the most current cardiovascular nuclear procedures in the clinical practice of cardiology. Together with detailed legends and extensive reference listings, the over 600 illustrations deliver comprehensive information. Diagnostic algorithms and schematic diagrams integrated with nuclear cardiology procedures are generously interspersed with color images to emphasize key concepts in

cardiovascular physiology and metabolism. This vital reference provides a detailed and accurate insight into the noninvasive evaluation and quantification of myocardial perfusion, function, and metabolism.

Earthquake Early Warning Systems BoD - Books on Demand

The large stone temple structures on Malta are amongst the earliest such constructions in the world, long before the pyramids were built in Egypt. This super book forms a pictorial record of all the temples on Malta, whilst also providing background information on the social and cultural history of the period. Built between c.3500 and 2500 BC, the temples reflect, and were part of, a period of great development on Malta and Gozo, especially in artistic and architectural terms. This is a clear, well illustrated account of the temple-building period, as well as of what went before and what came after.

Roma e l'Appia Springer

The biological composition and richness of most of the Earth's major ecosystems are being dramatically and irreversibly transformed by anthropogenic activity. Yet, despite the vast areal extent of our oceans, the mainstay of research to-date in the biodiversity-ecosystem functioning arena has been weighted towards ecological observations and experimentation in terrestrial plant and soil systems. This book provides a framework for extending these concepts to a variety of marine systems. Marine Biodiversity and Ecosystem Functioning is the first book to address the latest advances in biodiversity-function science using marine examples. It brings together contributions from the leading scientists in the field to provide an in-depth evaluation of the science, before offering a perspective on future research directions for some of the most pressing environmental issues facing society today and in the future.

Pediatric Ophthalmology and Strabismus Springer

Quantitative ultrasound (QUS) of bone is a relatively recent research field. The research community is steadily growing, with interdisciplinary branches in acoustics, medical imaging, biomechanics, biomedical engineering, applied mathematics, bone biology and clinical sciences, resulting in significant achievements in new ultrasound technologies to measure bone, as well as models to elucidate the interaction and the propagation of ultrasonic wave in complex bone structures. Hundreds of articles published in specialists journals are accessible from the Web and from electronic libraries. However, no compilation and synthesis of the most recent and significant research exist. The only book on QUS of bone has been published in 1999 at a time when the propagation mechanisms of ultrasound in bone were still largely unknown and the technology was immature. The research community has now reached a critical size, special sessions are organized in major international meetings (e.g., at the World Congress of Biomechanics, the annual meetings of the Acoustical Society of America, International Bone Densitometry Workshop, etc...). Consequently, the time has come for a completely up to date, comprehensive review of the topic. The book will offer the most recent experimental results and theoretical concepts developed so far and is intended for researchers, graduate or undergraduate students, engineers, and clinicians who are involved in the field. The central part of the book covers the physics of ultrasound propagation in bone. Our goal is to give the reader an extensive view of the mathematical and numerical models as an aid to understand the QUS potential and the types of variables that can be determined by QUS in order to characterize bone strength. The propagation of sound in bone is still subject of intensive research. Different models have been proposed (for example, the Biot theory of poroelasticity and the theory of scattering have been used to describe wave propagation in cancellous bone, whereas propagation in cortical bone falls in the scope of guided waves theories). An extensive review of the models has not been published so far. We intend in this book to present in details the models that are used to solve the direct problem and strategies that are currently developed to address the inverse problem. This will include analytical theories and numerical approaches that have grown exponentially in recent years. Most recent experimental findings and technological developments will also be comprehensively reviewed.

Naples Lab OUP Oxford

This book is about promoting corporate responsibility in its original meaning: businesses should have a positive impact on society, and society should not only be a lever of making a profit. When we treat social responsibility as an external function of the core business, we are exposed to the worst. Business for Society seeks to redress the balance and promotes the original idea of corporate responsibility. This first book in the series of the same name sets the scene and presents the key theories across the various management disciplines to answer the following questions: 'How, why and under what conditions can business act for society?' The book narrows and discusses examples of businesses which are making impressive strides in delivering positive impacts for society as well as their bottom lines; but as the concept of corporate responsibility has become more mainstream in recent years, many organisations have adopted the term and reduced it to a marketing message. Areas covered include a historical perspective on the hijacking of business responsibility towards society, management knowledge and value, the Business for Society project against hijacking, accounting for society, finance for society and governance for society and democracy. The book will be of interest for scholars and students in the fields of corporate social responsibility, business ethics and governance.

Productive Thinking Springer Science & Business Media

Perhaps because it was the last stop on the Grand Tour, surely because its beauty is highly seductive, one cannot remain indifferent to the millennial city of Naples. Naples, where students and professors from urbanism, architecture, architectural engineering and design from Northern and Southern European universities met twice a year between 2013 and 2018 to capture the qualities of Naples's specific territory and respond to the contemporary situation. The first part of the book relates to lectures given by local researchers. The second part concerns the tentative designs and resilience in the face of modern challenges. Again, the proposals at Naples's persistence in hosting Europe's historical richness through time, and its great diversity of people and uses throughout space.

Best Sellers - Books :

- [A Court Of Wings And Ruin \(a Court Of Thorns And Roses, 3\)](#)
- [The Complete Summer I Turned Pretty Trilogy \(boxed Set\): The Summer I Turned Pretty; It's Not Summer Without You; We'll Always](#)
- [How To Win Friends & Influence People \(dale Carnegie Books\) By Dale Carnegie](#)
- [It Starts With Us: A Novel \(2\) \(it Ends With Us\) By Colleen Hoover](#)
- [Rich Dad Poor Dad: What The Rich Teach Their Kids About Money That The Poor And Middle Class Do Not!](#)
- [Reminders Of Him: A Novel](#)
- [Things We Hide From The Light \(knockemout Series, 2\) By Lucy Score](#)
- [The Woman In Me](#)
- [Dog Man: Twenty Thousand Fleas Under The Sea: A Graphic Novel \(dog Man #11\): From The Creator Of Captain Underpants By Dav Pilkey](#)
- [Twisted Love \(twisted, 1\)](#)