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Fractional Partial Differential Equations and Their Numerical Solutions Boling Guo 2015-03-09 This book aims to introduce some new trends and results on the study of the fractional differential equations, and to provide a good understanding of this field to beginners who are interested in this field, which is the authors' beautiful hope. This book describes theoretical and numerical aspects of the fractional partial differential equations, including the authors' researches in this field, such as the fractional Nonlinear Schrödinger equations, fractional Landau–Lifshitz equations and fractional Ginzburg–Landau equations. It also covers enough fundamental knowledge on the fractional derivatives and fractional integrals, and enough background of the fractional PDEs. Contents: Physics Background Fractional Calculus and Fractional Differential Equations Fractional Partial Differential Equations Numerical Approximations in Fractional Calculus Numerical Methods for the Fractional Ordinary

Differential Equations Numerical Methods for Fractional Partial Differential Equations Readership: Graduate students and researchers in mathematical physics, numerical analysis and computational mathematics. Key Features: This book covers the fundamentals of this field, especially for the beginners. The book covers new trends and results in this field. The book covers numerical results, which will be of broad interests to researchers. Keywords: Fractional Partial Differential Equations; Numerical Solutions

Social Representations for the Anthropocene: Latin American Perspectives Clarilza Prado de Sousa 2021-04-30

The Anthropocene has become a field of studies in which the influence of human activity on the Earth System and nature is both the main threat and the potential solution. Social Representations Theory has been evolving since the 1960s. It links knowledge and practice in everyday life and is an effective way to deal with systemic crises based on common sense. This book assembles key contributions by Latin American scholars working with social representations in the social sciences that are of conceptual relevance to the study of the Anthropocene and that investigate the societal consequences of complex interrelations between common sense and topics of global relevance, such as the contradictions of sustainable development, the construction of risks beyond risk-perception, health, negotiation and governance in the field of education, gender equality, the usefulness of longitudinal and systemic ethnography and case studies, and agency and the link between inequality, crises and risk society in the context of COVID-19, presenting theoretical and methodological innovations from Spanish, Portuguese and French research that have rarely been available in English. • This is the first book to address the relevance of Social Representations Theory for the Anthropocene as a societal era • It presents the multidisciplinary scope of Social Representations • This book covers emerging research contributions in Social Representations Theory from Latin America • This book presents innovative research and commentaries by established researchers in the field • This multidisciplinary book should be in the libraries of many disciplines in the social sciences and humanities

Dictators and Autocrats Klaus Larres 2021-10-31 In order to truly understand the emergence, endurance, and legacy of autocracy, this volume of engaging essays explores how autocratic power is acquired, exercised, and transferred or abruptly ended through the careers and politics of influential figures in more than 20 countries and six regions. The book looks at both traditional "hard" dictators, such as Hitler, Stalin, and Mao, and more modern "soft" or populist autocrats, who are in the process of transforming once fully democratic countries into autocratic states, including Recep Tayyip Erdoğan in Turkey, Brazilian leader Jair Bolsonaro, Rodrigo Duterte in the Philippines,

Narendra Modi in India, and Viktor Orbán in Hungary. The authors touch on a wide range of autocratic and dictatorial figures in the past and present, including present-day autocrats, such as Vladimir Putin and Xi Jinping, military leaders, and democratic leaders with authoritarian aspirations. They analyze the transition of selected autocrats from democratic or benign semi-democratic systems to harsher forms of autocracy, with either quite disastrous or more successful outcomes. An ideal reader for students and scholars, as well as the general public, interested in international affairs, leadership studies, contemporary history and politics, global studies, security studies, economics, psychology, and behavioral studies.

Transfigurations Asbjørn Grønstad 2008 *Transfigurations: Violence, Death and Masculinity in American Cinema* brings the problem of film violence into a renewed dialogue with contemporary theory

Carceral Communities in Latin America Sacha Darke 2021-03-27 This book gathers the very best academic research to date on prison regimes in Latin America and the Caribbean. Grounded in solid ethnographic work, each chapter explores the informal dynamics of prisons in diverse territories and countries of the region – Venezuela, Brazil, Bolivia, Honduras, Nicaragua, Colombia, Puerto Rico, Dominican Republic – while theorizing how day-to-day life for the incarcerated has been forged in tandem between prison facilities and the outside world. The editors and contributors to this volume ask: how have fastest-rising incarceration rates in the world affected civilians' lives in different national contexts? How do groups of prisoners form broader and more integrated 'carceral communities' across day-to-day relations of exchange and reciprocity with guards, lawyers, family, associates, and assorted neighbors? What differences exist between carceral communities from one national context to another? Last but not least, how do carceral communities, contrary to popular opinion, necessarily become a productive force for the good and welfare of incarcerated subjects, in addition to being a potential source of troubling violence and insecurity?

This edited collection represents the most rigorous scholarship to date on the prison regimes of Latin America and the Caribbean, exploring the methodological value of ethnographic reflexivity inside prisons and theorizing how daily life for the incarcerated challenges preconceptions of prisoner subjectivity, so-called prison gangs, and bio-political order. Sacha Darke is Senior Lecturer in Criminology at University of Westminster, UK, Visiting Lecturer in Law at University of São Paulo, Brazil, and Affiliate of King's Brazil Institute, King's College London, UK. Chris Garces is Research Professor of Anthropology at Universidad San Francisco de Quito, Ecuador, and Visiting Lecturer in Law at Universidad Andina Simón Bolívar, Ecuador. Luis Duno-Gottberg is Professor at Rice University, USA. He

specializes in Caribbean culture, with emphasis on race and ethnicity, politics, violence, and visual culture. Andrés Antillano is Professor in Criminology at Universidad Central de Venezuela, Venezuela.

The Owners of Kinship Luiz Costa 2017-10-15 *The Owners of Kinship* investigates how kinship in Indigenous Amazonia is derived from the asymmetrical relation between an "owner" and his or her dependents. Through a comprehensive ethnography of the Kanamari, Luiz Costa shows how this relationship is centered around the bond created between the feeder and the fed. Building on anthropological studies of the acquisition, distribution, and consumption of food and its role in establishing relations of asymmetrical mutuality and kinship, this book breaks theoretical ground for studies in Amazonia and beyond. By investigating how the feeding relation traverses Kanamari society--from the relation between women and the pets they raise, shaman and familiar spirit, mother and child, chiefs and followers, to those between the Brazilian state and the Kanamari--*The Owners of Kinship* reveals how the mutuality of kinship is determined by the asymmetry of ownership.

Reaction-diffusion Waves Arnaud Ducrot 2009

Precedent and Statute Orlin Yalnazov 2018-11-02 Should laws be made in courts or in parliaments? Orlin Yalnazov proposes a new approach to the problem. He conceptualizes law as an information product, and law-making as an exercise in production. Law-making has inputs and outputs, and technology is used to transform one into the other. Law may, depending on input and technology, take on different forms: it can be vague or it can be certain. The 'technologies' between which we may choose are precedent and statute. Differences between the two being sizeable, our choice has significant repercussions for the cost of the input and the form of the output. The author applies this framework to several problems, including the comparison between the common and the civil law, comparative civil procedure, and EU law. Perhaps most critically, he offers a critique of the 'efficiency of the common law' hypothesis.

Twelve Years a Slave Solomon Northup 2021-01-01 "Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt

Approaching Complex Diseases Mariano Bizzarri 2020-04-17 This volume – for pharmacologists, systems biologists, philosophers and historians of medicine – points to investigate new avenues in pharmacology research,

by providing a full assessment of the premises underlying a radical shift in the pharmacology paradigm. The pharmaceutical industry is currently facing unparalleled challenges in developing innovative drugs. While drug-developing scientists in the 1990s mostly welcomed the transformation into a target-based approach, two decades of experience shows that this model is failing to boost both drug discovery and efficiency. Selected targets were often not druggable and with poor disease linkage, leading to either high toxicity or poor efficacy. Therefore, a profound rethinking of the current paradigm is needed. Advances in systems biology are revealing a phenotypic robustness and a network structure that strongly suggest that exquisitely selective compounds, compared with multitarget drugs, may exhibit lower than desired clinical efficacy. This appreciation of the role of polypharmacology has significant implications for tackling the two major sources of attrition in drug development, efficacy and toxicity. Integrating network biology and polypharmacology holds the promise of expanding the current opportunity space for druggable targets.

Global Dreams Anouk de Koning 2009 At the start of the twenty-first century, Cairo's cityscape has acquired a spectacular global touch. Its luxurious five-star hotels, high-rise office buildings, immaculately clean malls, and swanky coffee shops serving café latte and caesar salad, along with the budding gated communities in the city's desert expanses, exemplify three decades of economic liberalization. In the surrounding social landscape, the gradual abrogation of the Nasser-era structures that provided many with low-cost goods and services is dearly felt. This new study examines Cairo's experience of economic liberalization in an era of globalization. It asks what happened to a postcolonial middle class that was once the carrier of national aspirations and dreams. It explores how young middle-class professionals navigate Cairo's increasingly divided landscape and discusses the rise of a young uppermiddle class presence in the work, leisure, and public spaces of the city.

Emerging Swine Viruses Zhenhai Chen 2020-05-13

Symmetric and Asymmetric Data in Solution Models Jurgita Antucheviciene 2021-10-26 This book is a Printed Edition of the Special Issue that covers research on symmetric and asymmetric data that occur in real-life problems. We invited authors to submit their theoretical or experimental research to present engineering and economic problem solution models that deal with symmetry or asymmetry of different data types. The Special Issue gained interest in the research community and received many submissions. After rigorous scientific evaluation by editors and reviewers, seventeen papers were accepted and published. The authors proposed different solution models,

mainly covering uncertain data in multicriteria decision-making (MCDM) problems as complex tools to balance the symmetry between goals, risks, and constraints to cope with the complicated problems in engineering or management. Therefore, we invite researchers interested in the topics to read the papers provided in the book.

Active Flow Control Rudibert King 2007-08-29 This book contains contributions presented at the Active Flow Control 2006 conference, held September 2006, at the Technische Universität Berlin, Germany. It contains a well balanced combination of theoretical and experimental state-of-the-art results of Active Flow Control. Coverage combines new developments in actuator technology, sensing, robust and optimal open- and closed-loop control and model reduction for control.

Minimally Invasive Surgical Oncology Ronald Matteotti 2011-06-15 Minimally Invasive Surgical Oncology is aimed at the minimal invasive surgeon as well as at the general surgeon and surgical trainee who wish to explore this field. It covers disciplines like gastroenterology, gynecology, urology, thoracic and pediatrics and builds bridges to oncologists and internal medicine. It gives a state-of-the art overview and perspectives for future developments and research as well. The book serves as an operative guide for a new generation of surgeons and offers the extraordinary feature being a text book, an operative atlas and a quick reference guide as well. The reader is provided with a tool in hand which synthesizes the latest knowledge in traditional therapies like chemotherapies and gives a comprehensive overview how to proceed in treating a cancer patient using minimal access techniques.

Fractional Integrals and Derivatives Stefan Samko 1993-12-08 In San Francisco, a fisherman's get-rich-quick scheme ends in violence. As sharks fetch high prices, he hires a professional shark hunter to go fishing, the deal being he gets the first three tons, the hunter the rest. But as the hunter's share piles up, jealousy rears its head.

Science, Strategy and War Frans P.B. Osinga 2007-01-24 John Boyd is often known exclusively for the so-called 'OODA' loop model he developed. This model refers to a decision-making process and to the idea that military victory goes to the side that can complete the cycle from observation to action the fastest. This book aims to redress this state of affairs and re-examines John Boyd's original contribution to strategic theory. By highlighting diverse sources that shaped Boyd's thinking, and by offering a comprehensive overview of Boyd's work, this volume demonstrates that the common interpretation of the meaning of Boyd's OODA loop concept is incomplete. It also shows that Boyd's work is much more comprehensive, richer and deeper than is generally thought. With his ideas featuring in the literature on Network Centric Warfare, a key element of the US and NATO's so-called 'military

transformation' programmes, as well as in the debate on Fourth Generation Warfare, Boyd continues to exert a strong influence on Western military thinking. Dr Osinga demonstrates how Boyd's work can help us to understand the new strategic threats in the post- 9/11 world, and establishes why John Boyd should be regarded as one of the most important (post)modern strategic theorists.

The Mind of War Grant Hammond 2012-01-11 The ideas of US Air Force Colonel John Boyd have transformed American military policy and practice. A first-rate fighter pilot and a self-taught scholar, he wrote the first manual on jet aerial combat; spearheaded the design of both of the Air Force's premier fighters, the F-15 and the F-16; and shaped the tactics that saved lives during the Vietnam War and the strategies that won the Gulf War. Many of America's best-known military and political leaders consulted Boyd on matters of technology, strategy, and theory. In *The Mind of War*, Grant T. Hammond offers the first complete portrait of John Boyd, his groundbreaking ideas, and his enduring legacy. Based on extensive interviews with Boyd and those who knew him as well as on a close analysis of Boyd's briefings, this intellectual biography brings the work of an extraordinary thinker to a broader public.

Applications of Networks, Sensors and Autonomous Systems Analytics Jyotsna Kumar Mandal 2021-11-27 This book presents high-quality research papers presented at International Conference on Applications of Networks, Sensors and Autonomous Systems Analytics (ICANSAA 2020), held during December, 11 – 12, 2020, at JIS College of Engineering, Kalyani, West Bengal, India. The major topics covered are cyber-physical systems and sensor networks, data analytics and autonomous systems and MEMS and NEMS with applications in biomedical devices. It includes novel and innovative work from experts, practitioners, scientists, and decision-makers from academia and industry.

The Conduct of Inquiry in International Relations Patrick Thaddeus Jackson 2010-07-19 This volume was the winner of The International Studies Association Theory Section Book Award 2013, presented by the International Studies Association and The Yale H. Ferguson Award 2012, presented by International Studies Association-Northeast. There are many different scientifically valid ways to produce knowledge. The field of International Relations should pay closer attention to these methodological differences, and to their implications for concrete research on world politics. *The Conduct of Inquiry in International Relations* provides an introduction to the philosophy of science issues and their implications for the study of global politics. The author draws attention to the problems caused by

the misleading notion of a single unified scientific method, and proposes a framework that clarifies the variety of ways that IR scholars establish the authority and validity of their empirical claims. Jackson connects philosophical considerations with concrete issues of research design within neopositivist, critical realist, analyticist, and reflexive approaches to the study of world politics. Envisioning a pluralist science for a global IR field, this volume organizes the significant differences between methodological stances so as to promote internal consistency, public discussion, and worldly insight as the hallmarks of any scientific study of world politics. This important volume will be essential reading for all students and scholars of International Relations, Political Science and Philosophy of Science.

Theory and Applications of Fractional Differential Equations A.A. Kilbas 2006-03-02 This work aims to present, in a systematic manner, results including the existence and uniqueness of solutions for the Cauchy Type and Cauchy problems involving nonlinear ordinary fractional differential equations.

Surgery Umut Sarpel 2014-09-19 *Surgery: An Introductory Guide* is an all-in-one reference that provides the vital information needed to get the best learning experience out of an operation, and presents it in a convenient, efficient, and portable format. Each section brings together the key points from several different fields including anatomy, pathophysiology, radiology, surgical technique, and clinical guidelines. The operations covered represent the breadth of general surgery including hernia repair, cholecystectomy, breast surgery, general bowel surgery, and vascular surgery. Each chapter provides informative text, bulleted lists, and common OR questions, combined with classic radiology images, diagrams, and a color illustration of the operative anatomy. This method of using key words, high-yield diagrams, and illustrations enhances the ability to quickly absorb and retain the relevant information. The volume is also organized by operation rather than by pathological topic, which lends itself to quick review before each case. Written by Dr. Sarpel, a surgeon and former co-clerkship director who has been honored with multiple teaching awards, *Surgery: An Introductory Guide* is of great value to medical students and junior residents rotating on general surgery.

Arrival of the Fittest Andreas Wagner 2014-10-02 “Natural selection can preserve innovations, but it cannot create them. Nature’s many innovations—some uncannily perfect—call for natural principles that accelerate life’s ability to innovate.” Darwin’s theory of natural selection explains how useful adaptations are preserved over time. But the biggest mystery about evolution eluded him. As genetics pioneer Hugo de Vries put it, “natural selection may explain the survival of the fittest, but it cannot explain the arrival of the fittest.” Can random mutations over a mere

3.8 billion years really be responsible for wings, eyeballs, knees, camouflage, lactose digestion, photosynthesis, and the rest of nature's creative marvels? And if the answer is no, what is the mechanism that explains evolution's speed and efficiency? In *Arrival of the Fittest*, renowned evolutionary biologist Andreas Wagner draws on over fifteen years of research to present the missing piece in Darwin's theory. Using experimental and computational technologies that were heretofore unimagined, he has found that adaptations are not just driven by chance, but by a set of laws that allow nature to discover new molecules and mechanisms in a fraction of the time that random variation would take. Consider the Arctic cod, a fish that lives and thrives within six degrees of the North Pole, in waters that regularly fall below 0 degrees. At that temperature, the internal fluids of most organisms turn into ice crystals. And yet, the arctic cod survives by producing proteins that lower the freezing temperature of its body fluids, much like antifreeze does for a car's engine coolant. The invention of those proteins is an archetypal example of nature's enormous powers of creativity. Meticulously researched, carefully argued, evocatively written, and full of fascinating examples from the animal kingdom, *Arrival of the Fittest* offers up the final puzzle piece in the mystery of life's rich diversity.

Cardiac Electrophysiology: From Cell to Bedside E-Book Douglas P. Zipes 2017-05-13 Rapid advancements in cardiac electrophysiology require today's health care scientists and practitioners to stay up to date with new information both at the bench and at the bedside. The fully revised 7th Edition of *Cardiac Electrophysiology: From Cell to Bedside*, by Drs. Douglas Zipes, Jose Jalife, and William Stevenson, provides the comprehensive, multidisciplinary coverage you need, including the underlying basic science and the latest clinical advances in the field. An attractive full-color design features color photos, tables, flow charts, ECGs, and more. All chapters have been significantly revised and updated by global leaders in the field, including 19 new chapters covering both basic and clinical topics. New topics include advances in basic science as well as recent clinical technology, such as leadless pacemakers; catheter ablation as a new class I recommendation for atrial fibrillation after failed medical therapy; current cardiac drugs and techniques; and a new video library covering topics that range from basic mapping (for the researcher) to clinical use (implantations). Each chapter is packed with the latest information necessary for optimal basic research as well as patient care, and additional figures, tables, and videos are readily available online. New editor William G. Stevenson, highly regarded in the EP community, brings a fresh perspective

to this award-winning text.

Stabilizing Great-Power Rivalries Michael J. Mazarr 2021-11-29 Leveraging theory and historical cases, the authors identify the factors that keep great-power rivalries stable and those that lead to conflictual outcomes and use that framework to assess the current U.S.-Russia and U.S.-China competitions.

The Poetics of Novels M. Axelrod 1999-09-17 *The Poetics of Novels* deals with the fundamentals of novel-writing and the execution of such, and though it engages specific notions of literary and cultural theory, it privileges the architectonics of the texts themselves as it crosses boundaries of both time and culture. Novels include: Austen's *Northanger Abbey* , Beckett's *Company* , Brontë's *Wuthering Heights* , Cervantes' *Don Quixote* , Flaubert's *Madame Bovary* , Hamsun's *Hunger* , Hardy's *Tess of the D'Urbervilles* , Lispector's *Hour of the Star* and Smart's *By Grand Central Station I Sat Down and Wept* .

Nonlinear Optical Systems Luigi Lugiato 2015-03-05 Guiding graduate students and researchers through the complex world of laser physics and nonlinear optics, this book provides an in-depth exploration of the dynamics of lasers and other relevant optical systems, under the umbrella of a unitary spatio-temporal vision. Adopting a balanced approach, the book covers traditional as well as special topics in laser physics, quantum electronics and nonlinear optics, treating them from the viewpoint of nonlinear dynamical systems. These include laser emission, frequency generation, solitons, optically bistable systems, pulsations and chaos and optical pattern formation. It also provides a coherent and up-to-date treatment of the hierarchy of nonlinear optical models and of the rich variety of phenomena they describe, helping readers to understand the limits of validity of each model and the connections among the phenomena. It is ideal for graduate students and researchers in nonlinear optics, quantum electronics, laser physics and photonics.

Cardiovascular Computing—Methodologies and Clinical Applications Spyretta Golemati 2019-02-12 This book provides a comprehensive guide to the state-of-the-art in cardiovascular computing and highlights novel directions and challenges in this constantly evolving multidisciplinary field. The topics covered span a wide range of methods and clinical applications of cardiovascular computing, including advanced technologies for the acquisition and analysis of signals and images, cardiovascular informatics, and mathematical and computational modeling.

Creativity/Anthropology Renato Rosaldo 2018-03-15 Creativity and play erupt in the most solemn of everyday worlds as individuals reshape traditional forms in the light of changing historical circumstances. In this lively volume,

fourteen distinguished anthropologists explore the life of creativity in social life across the globe and within the study of ethnography itself. Contributors include Barbara A. Babcock, Edward M. Bruner, James W. Fernandez, Don Handelman, Smadar Lavie, José E. Limon, Barbara Myerhoff, Kirin Narayan, Renato Rosaldo, Richard Schechner, Edward L. Schieffelin, Marjorie Shostak, Anna Lowenhaupt Tsing, and Edith Turner.

The Philosophy of Fractals Rick Delmonico 2017-12-04 The Fractal Nature of Living Systems Computational Geometry of Space/Time Understanding Reality Understanding Love Are We Alone in the Universe? Will Computers Take Over the Galaxy? War and Economic Cycles The Dynamic Nature of Choice Design Principles for the Car Recording and Mixing Music The Abundant Fluidity of Stupid Forgetting To Fail Burden What is Democracy? The Warrior Doll The Inverse Relationship of Space and Time Lyrics Truth Consciousness Chaos and Management Natural Law Declaration of Human Rights Love Easily Digestible Philosophy

The Cambridge World History of Violence Louise Edwards 2020-03-31

The Dictator's Seduction Lauren H. Derby 2009-01-01 The dictatorship of Rafael Trujillo, who ruled the Dominican Republic from 1930 until his assassination in 1961, was one of the longest and bloodiest in Latin American history. The Dictator's Seduction is a cultural history of the Trujillo regime as it was experienced in the capital city of Santo Domingo. Focusing on everyday forms of state domination, Lauren Derby describes how the regime infiltrated civil society by fashioning a "vernacular politics" based on popular idioms of masculinity and fantasies of race and class mobility. Derby argues that the most pernicious aspect of the dictatorship was how it appropriated quotidian practices such as gossip and gift exchange, leaving almost no place for Dominicans to hide or resist. Drawing on previously untapped documents in the Trujillo National Archives and interviews with Dominicans who recall life under the dictator, Derby emphasizes the role that public ritual played in Trujillo's exercise of power. His regime included the people in affairs of state on a massive scale as never before. Derby pays particular attention to how events and projects were received by the public as she analyzes parades and rallies, the rebuilding of Santo Domingo following a major hurricane, and the staging of a year-long celebration marking the twenty-fifth year of Trujillo's regime. She looks at representations of Trujillo, exploring how claims that he embodied the popular barrio antihero the tiguere (tiger) stoked a fantasy of upward mobility and how a rumor that he had a personal guardian angel suggested he was uniquely protected from his enemies. The Dictator's Seduction sheds new light on the

cultural contrivances of autocratic power.

Nursing Theories and Nursing Practice Marlaine C Smith 2019-10-02 Noted nursing scholars explore the historical and contemporary theories that are the foundation of nursing practice today. The 5th Edition, continues to meet the needs of today's students with an expanded focus on the middle range theories and practice models that link theory to clinical practice. You'll explore the role of these theories in the real-world to see how they guide nursing practice.

Brain Repair After Stroke Steven C. Cramer 2010-10-28 Increasing evidence identifies the possibility of restoring function to the damaged brain via exogenous therapies. One major target for these advances is stroke, where most patients can be left with significant disability. Treatments have the potential to improve the victim's quality of life significantly and reduce the time and expense of rehabilitation. Brain Repair After Stroke reviews the biology of spontaneous brain repair after stroke in animal models and in humans. Detailed chapters cover the many forms of therapy being explored to promote brain repair and consider clinical trial issues in this context. This book provides a summary of the neurobiology of innate and treatment-induced repair mechanisms after hypoxia and reviews the state of the art for human therapeutics in relation to promoting behavioral recovery after stroke. Essential reading for stroke physicians, neurologists, rehabilitation physicians and neuropsychologists.

Handbook of Psychocardiology Marlies Alvarenga 2017-11-11 This handbook brings together the full weight of contemporary evidence bearing on what is now commonly termed "psycho-cardiology". It focuses on the role of psycho-social factors in the genesis and clinical management of cardiovascular disease (CVD). The book constitutes a critically reviewed compendium of current knowledge in the area, coupled with guides to evidence-based best practice in the field of psycho-cardiology. The following categories are covered: Social/demographic risk for CVD, Personality and CVD risk, Stress and CVD risk, Psychopathology (particularly affective disorders) and CVD risk, The psychological management of those with clinical CVD, Psychology in the prevention of CVD. The book integrates the evidence into a compelling argument that clinicians, researchers and those in public health will discount the role of psychological factors in regard to CVD at their own peril. And importantly for clinicians charged with the care of patients with CVD, the book poses the argument that failure to recognize the links between psychological factors and CVD may well be at the considerable peril of those patients under their care.

Democratic Wars A. Geis 2006-02-28 The book turns the 'democratic peace' theme on its head: rather than investigating the reasons for the supposed pacifism of democracies, it looks for the causes of their militancy. In

order to solve this puzzle, the authors look across International Relations, political theory, political philosophy and sociology.

Acquired Long QT Syndrome A. John Camm 2008-04-15 In recent years there has been considerable interest in the diagnosis and understanding of ventricular repolarisation, particularly the QT interval prolongation and abnormal T and T/U wave morphology associated with torsades de pointes. Advances in ion channel cloning have greatly improved our understanding of the role of ionic channels in mediating cardiac repolarisation. Unfortunately, it is increasingly recognised that a number of drugs, both those associated with altering repolarisation, and others for non-cardiac conditions can increase the propensity for polymorphic ventricular tachycardia, syncope and even ventricular fibrillation and sudden death. In this volume, arrhythmia specialists from St. George's Hospital Medical School, London discuss the mechanisms behind QT prolongation and torsades de pointes. They focus particularly on the risk of individual cardiac and non-cardiac drugs in provoking long QT syndrome, providing a comprehensive review which will be useful for all electrophysiologists treating polymorphic ventricular tachycardias, and will expose important regulatory issues for pharmaceutical authorities and for the wider medical community.

Rodent Model as Tools in Ethical Biomedical Research Monica Levy Andersen 2015-11-26 ?The objective of this book is to concisely present information with respect to appropriate use of experimental rodents in research. The principles elaborated seek to provide knowledge of the techniques involved in both management and scientific research to all who use laboratory animals, with a focus on the well-being and ethics regarding rodents and also to fortify the awareness of the importance of the animal as a study object and to offer orientation and assistance in conducting laboratory research, education or tests.

Recent Advances in Endometrial Cancer Sumita Mehta 2020-07-23 This book discusses in detail the recent advances in the management of endometrial cancer, including the latest therapies and diagnostic methods. The book focuses on treatment-oriented topics such as the role of lymphadenectomy and sentinel node dissection, surgical complications, radiation techniques, and chemotherapy in endometrial cancer, and also explores treatment options in advanced disease stages, including hormonal therapy and targeted therapy. Providing insights into the evidence-based management guidelines for endometrial cancer, this book is a valuable resource for students, trainees and practitioners in the field of gynecology and gyne-oncology.

The Futures of Cultures

Unesco 1994

bueno-smoke-from-equilibrium-to-chaos-practical-bifurcation-and-stability-analysis

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