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Sports and Identity Springer Science & Business Media

This book provides a broad overview of the topic Bioinformatics with focus on data, information and knowledge. From data acquisition and storage to visualization, ranging through privacy, regulatory and other practical and theoretical topics, the author touches several fundamental aspects of the innovative interface between Medical and Technology domains that is Biomedical Informatics. Each chapter starts by providing a useful inventory of definitions and commonly used acronyms for each topic and throughout the text, the reader finds several real-world examples, methodologies and ideas that complement the technical and theoretical background. This new edition includes new sections at the end of each chapter, called "future outlook and research avenues," providing pointers to future challenges. At the beginning of each chapter a new section called "key problems", has been added, where the author discusses possible traps and unsolvable or major problems.

Mastering Regular Expressions John Wiley & Sons

This fifth volume provides a major thrust towards better understanding of immunobiology and pathology as they relate to biotechnology.

Anthropology IGI Global

Once only associated with North America and Europe, formal athletic events are now becoming more prevalent in Asia as well. With the expansion of this industry, there is a need for efficient and strategic advertising to promote competitions, events, and teams. Emerging Trends and Innovation in Sports Marketing and Management in Asia brings together research and case studies to evaluate and discuss the effectiveness of current methodologies and theories in an effort to improve promotional activities and the organization of all aspects of the sports industry. This publication is an essential reference source for academicians, researchers, industry practitioners, and upper-level students interested in the theories and practices of sports marketing and management with a special focus on Asia.

Cultural Anthropology: An Applied Perspective Lippincott Williams & Wilkins

Provides the most current information and research available for performing risk assessments on exposed individuals and populations, giving guidance to public health authorities, primary care physicians, and industrial managers Reviews current knowledge on human exposure to selected chemical agents and physical factors in the ambient environment Updates and revises the previous edition, in light of current scientific literature and its significance to public health concerns Includes new chapters on: airline cabin exposures, arsenic, endocrine disruptors, and nanoparticles

Commerce Business Daily Bentham Science Publishers

Some issues are accompanied by a CD-ROM on a selected topic.

Teaching Science to Children CRC Press

IPCC Fourth Assessment Report on climate change impacts, adaptation and vulnerability for researchers, students, policymakers.

Springer Science & Business Media

The Beat of LifeBlack Inc.

Immunobiology and Pathology Black Inc.

Remote Sensing of Impervious Surfaces in Tropical and Subtropical Areas offers a complete and thorough system for using optical and synthetic aperture radar (SAR) remote sensing data for improving impervious surface estimation (ISE). Highlighting tropical and subtropical areas where there is significant cloud occurrence and varying phenology, the book addresses the challenges impacting impervious surfaces in tropical and subtropical zones. It examines the potential for estimating urban impervious surfaces in a rainy and cloudy environment, considers the difficulties encountered when using optical remote sensing in this type of climate, and assesses existing methods employing remote sensing data for accurate ISE in tropical and subtropical regions. Using the results of comparative studies conducted during the four seasons and in six different cities (Guangzhou, Shenzhen, Hong Kong, Mumbai, Sao Paulo, and Cape Town), the authors develop a framework for ISE using optical and SAR image data. They address the advantages and disadvantages of optical and SAR data, consider fusion strategies for combining optical and SAR data, and examine different feature extractions for optical and SAR data. They also detail the limitations of the research, suggest possible topics for future analysis, and cover previous findings on the synergistic use of optical and SAR data. Concentrates on the effect a tropical and subtropical urban climate can have on impervious surface estimation (ISE) Reviews literature on the significance of ISE and the phonological and climatic characteristics of tropical and subtropical regions Describes datasets including satellite data, digital orthophoto data, in situ data, and more Remote Sensing of Impervious Surfaces in Tropical and Subtropical Areas investigates the state of the art in creating new algorithms for digital images processing and remotely sensed images classification, as well as in developing the meteorological modeling of urban heat islands, and the hydrological modeling of surface run-off and urban floods.

Urban Evolutionary Biology Springer Science & Business Media

This volume of essays examines the ways in which sports have become a means for the communication of social identity in the United States. The essays included here explore the question, How is identity engaged in the performance and spectatorship of sports? Defining sports as the whole range of mediated professional sports, and considering actual participation in sports, the chapters herein address a varied range of ways in which sports as a cultural entity becomes a site for the creation and management of symbolic components of identity. Originating in the New Agendas in Communication symposium sponsored by the University of Texas College of Communication, this volume provides contemporary explorations of sports and identity, highlighting the perspectives of up-and-coming scholars and researchers. It has much to offer readers in communication, sociology of sport, human kinetics, and related areas.

Teaching Science to Children: An Inquiry Approach Routledge

NOTE: NO FURTHER DISCOUNT FOR THIS PRINT PRODUCT- OVERSTOCK SALE

-- Significantly reduced list price Few human activities demand or deserve as much attention of the citizens of a nation as the array of man-made and natural "environmental" threats faced by the soldiers and other warriors defending the nation - those that pose the risk of disease, injury, combat wounds, and even death. This book is the Army's first detailing research in computational physiology models and highlighting pivotal research. It outlines the extent to which basic and applied biomedical scientists, clinicians, modelers, and others strive to understand the extent of these threats, and provide intellectual and materiel options to mitigate these risks. This book summarizes major Army research efforts to quantify and model military relevant physiology. These chapters highlight the translation of this research into useful predictive tools. The tools are of importance to medical planners, materiel developers, commanders, and in many cases, every soldier. These chapters detail the experimental basis for many of the predictive tools that are currently in use. This book is written for military clinicians, and medical researchers who may be reasonably expected to explain some of the background, as well as those who will extend the research. Many people will find this book interesting because it details research on topics that affect everyone in everyday life, including how we sleep, eat, and exercise, as well as more specific topics such as the effects of caffeine on performance, risks associated with laser pointers, and even Army blast models that have influenced safety thresholds for car airbag deployments.

Handbook of the Sociology of Gender John Wiley & Sons

This book introduces readers to the findings of research on women, men, and work in the labor market and household. The Third Edition has been expanded and updated to reflect recent changes in the labor market and the family. All data have been revised and references have been updated to consider the most recent research on each subject covered.

Spatial Uncertainty in Ecology Springer

"Handbook on Evolution and Society" brings together original chapters by prominent scholars who have been instrumental in the revival of evolutionary theorizing and research in the social sciences over the last twenty-five years. Previously unpublished essays provide up-to-date, critical surveys of recent research and key debates. The contributors discuss early challenges posed by sociobiology, the rise of evolutionary psychology, the more conflicted response of evolutionary sociology to sociobiology, and evolutionary psychology. Chapters address the application and limitations of Darwinian ideas in the social sciences. Prominent authors come from a variety of disciplines in ecology, biology, primatology, psychology, sociology, and the humanities. The most comprehensive resource available, this vital collection demonstrates to scholars and students the new ways in which evolutionary approaches, ultimately derived from biology, are influencing the diverse social sciences and humanities.

Journal of the National Cancer Institute McGraw-Hill Humanities, Social Sciences & World Languages

"Energy is indispensable in present society. All depend on a constant and reliable source of energy, whether it be for transport, industrial or home applications. The use of such energy sources can present some inconveniences, such as source depletion, pol"

The Human Portrait Routledge

Introduces regular expressions and how they are used, discussing topics including metacharacters, nomenclature, matching and modifying text, expression processing, benchmarking, optimizations, and loops.

The Beat of Life Springer Science & Business Media

PROPOSAL DESCRIPTION: Now in its updated Fourth Edition, this classic text provides comprehensive coverage of all aspects of occupational and environmental medicine. The book offers accurate, current information on the history, causes, prevention, and treatment of a wide range of environmental and occupational diseases and includes numerous case studies. This edition includes more information on gene-environment interactions. The section on air pollution has been completely reorganized. Other Fourth Edition highlights include expanded coverage of government responses to the field and a new chapter on children's environmental health. Now in its updated Fourth Edition, this classic text provides comprehensive coverage of all aspects of occupational and environmental medicine. The book offers accurate, current information on the history, causes, prevention, and treatment of a wide range of environmental and occupational diseases and includes numerous case studies. This edition includes more information on gene-environment interactions. The section on air pollution has been completely reorganized. Other Fourth Edition highlights include expanded coverage of government responses to the field and a new chapter on children's environmental health.

Global Environmental Issues John Wiley & Sons

Providing an introduction to the overlapping generations approach, Intertemporal Resource Economics examines the economics of renewable natural resources. Readers will find explicit solutions for intertemporal general equilibrium with renewable resources.

Intertemporal Resource Economics Copyright Office, Library of Congress Meeting the needs of upper level students, this book treats global environmental problems as complex issues with a network of human and biophysical causes. Each chapter interlinks human demands on the Earth's resources to natural biophysical change - not simply a 'cause and effect' treatment of global issues and environmental change Includes coverage of contemporary hot topics such as biodiversity, urbanisation and sustainable

development Global case studies (two per chapter) contextualise theory for students "This book should have considerable appeal among undergraduate and postgraduate students in a broad range of disciplines. Frances Harris has assembled a team of well-qualified authors, who between them consider such important environmental issues as climate and sea level change, biodiversity, GM crops, energy supply, urbanization, pollution and sustainable development. The style is clear and non-technical, the coverage is global and the text is supported by numerous figures and illustrations. Boxed case studies provide useful exemplification of general issues. I have no doubt that this book will be very popular with my own students, in providing detailed analysis of a range of key environmental issues which are frequently reported in the media." Tony Binns, University of Sussex, UK "This book usefully realises that environmental issues are a complex blend of contested science, broader socio-political contexts and the concerns, values, attitudes and livelihoods of individuals. Written by internationally recognised authors, it covers major global issues such as pollution, energy, climate change, sea level rise, food production, urbanisation and sustainability in an informative way, with abundant case studies and illustrations, which clearly exemplify just how complex the facets of the issues can be. It does not offer easy solutions but it is a good exercise in awareness for the reader." Stephen Trudgill, Robinson College, University of Cambridge, UK

Science & Government Report McGraw-Hill Humanities Social

Green Chemistry: An Inclusive Approach provides a broad overview of green chemistry for researchers from either an environmental science or chemistry background, starting at a more elementary level, incorporating more advanced concepts, and including more chemistry as the book progresses. Every chapter includes recent, state-of-the-art references, in particular, review articles, to introduce researchers to this field of interest and provide them with information that can be easily built upon. By bringing together experts in multiple subdisciplines of green chemistry, the editors have curated a single central resource for an introduction to the discipline as a whole. Topics include a broad array of research fields, including the chemistry of Earth's atmosphere, water and soil, the synthesis of fine chemicals, and sections on pharmaceuticals, plastics, energy related issues (energy storage, fuel cells, solar, and wind energy conversion etc., greenhouse gases and their handling, chemical toxicology issues of everyday products (from perfumes to detergents or clothing), and environmental policy issues. Introduces the topic of green chemistry with an overview of key concepts Expands upon presented concepts with the latest research and applications, providing both the breadth and depth researchers need Includes a broad range of application based problems to make the content accessible for professional researchers and undergraduate and graduate students Authored by experts in a broad range of fields, providing insider information on the aspects or challenges of a given field that are most important and urgent

The Science Teacher Elsevier

The heart is our most important organ and perhaps our most mysterious. Every day it pumps 9000 litres of blood and beats around 100,000 times. But the heart is more than just a pump. In all major human cultures, it is seen as the source of love, sympathy, joy, courage, strength and wisdom. Why is this so? Having witnessed the extraordinary complexity and unpredictability of human hearts in the operating theatre – each one individual in its make-up, like a fingerprint – heart surgeon Reinhard Friedl went on a search for answers. He examined closely the latest findings in neurocardiology and psychocardiology, and in *The Beat of Life* he shares his discoveries. In the tradition of Giulia Enders' *Gut* and Norman Doidge's *The Brain That Changes Itself*, he uses riveting personal stories to illustrate the complex relationship between the heart, the brain and the psyche. *The Beat of Life* ends with a plea: that we recognise the heart's wisdom and adopt a more heart-centred way of living, which will lead to greater health.

[Climate Change 2007 - Impacts, Adaptation and Vulnerability](#) Princeton University Press

Urban Evolutionary Biology fills an important knowledge gap on wild organismal evolution in the urban environment, whilst offering a novel exploration of the fast-growing new field of evolutionary research. The growing rate of urbanization and the maturation of urban study systems worldwide means interest in the urban environment as an agent of evolutionary change is rapidly increasing. We are presently witnessing the emergence of a new field of research in evolutionary biology. Despite its rapid global expansion, the urban environment has until now been a largely neglected study site among evolutionary biologists. With its conspicuously altered ecological dynamics, it stands in stark contrast to the natural environments traditionally used as cornerstones for evolutionary ecology research. Urbanization can offer a great range of new opportunities to test for rapid evolutionary processes as a consequence of human activity, both because of replicate contexts for hypothesis testing, but also because cities are characterized by an array of easily quantifiable environmental axes of variation and thus testable agents of selection.

Thanks to a wide possible breadth of inference (in terms of taxa) that may be studied, and a great variety of analytical methods, urban evolution has the potential to stand at a fascinating multi-disciplinary crossroad, enriching the field of evolutionary biology with emergent yet incredibly potent new research themes where the urban habitat is key. Urban Evolutionary Biology is an advanced textbook suitable for graduate level students as well as professional researchers studying the genetics, evolutionary biology, and ecology of urban environments. It is also highly relevant to urban ecologists and urban wildlife practitioners.