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Encyclopedia of Physical Science and Technology

Essential Echocardiography: A Companion to Braunwald's Heart Disease E-Book

Assessing Cellular Microstructure in Biological Tissues using In Vivo Diffusion-
Weighted Magnetic Resonance

Carbon-13 NMR Spectroscopy

Artificial Intelligence Research and Development

Automated Measurement of 3-D Fiber Orientation Distribution in Injection Molded
Composites

Conceptual and Theoretical Approaches to Corporate Social Responsibility,
Entrepreneurial Orientation, and Financial Performance

Orientation to Inquiry in a Reflective Professional Psychology

Statistics of Earth Science Data

Orientation and Navigation in Vertebrates

Handbook of the Social Psychology of Inequality

Journal of the Fisheries Research Board of Canada

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Qualitative Studies in Quality of Life
Geology of the Bighorn Canyon-Hardin Area, Montana and Wyoming
GABA in the Retina and Central Visual System
Topics in Artificial Intelligence
Central Processing of Visual Information A: Integrative Functions and Comparative
Data
Metals Abstracts
Sexual Orientation and Transgender Issues in Organizations
Code of Federal Regulations
Artificial Intelligence Research and Development
International Polymer Processing
Spatial Reasoning and Planning
A Psychology of Orientation
Proceedings of the ... International IEEE Conference on Tools for Artificial Intelligence
Proceedings of the Fourth International Congress on Hormonal Steroids

Global Vessel-Source Maritime Pollution Governance—Technical Innovation and Policy Orientation
Handbook of Psychology and Sexual Orientation
Sensor Fusion and its Applications
Canadian Journal of Earth Sciences
Modern Magnetic Resonance
Handbook of Faith and Spirituality in the Workplace
Defect Recognition and Image Processing in Semiconductors 1997
Advances in Hospitality and Leisure
Index-catalogue of the Library of the Surgeon-general's Office, United States Army
The Oxford Handbook of Sexual and Gender Minority Mental Health

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RICHARD SIMPSON

*Encyclopedia of Physical
Science and Technology*
Elsevier Health Sciences

The present volume covers the physiology of the visual system beyond the optic nerve. It is a continuation of the two preceding parts on the photochemistry and the physiology of the eye, and

forms a bridge from them to the fourth part on visual psychophysics. These fields have all developed as independent specialties and need integrating with each other. The processing of

visual information in the brain cannot be understood without some knowledge of the preceding mechanisms in the photoreceptor organs. There are two fundamental reasons, ontogenetic and functional, why this is so: 1) the retina of the vertebrate eye has developed from a specialized part of the brain; 2) in processing their data the eyes follow physiological principles similar to the visual brain centres. Peripheral and central functions should

also be discussed in context with their final synthesis in subjective experience, i. e. visual perception. Microphysiology and ultramicroscopy have brought new insights into the neuronal basis of vision. These investigations began in the periphery: HARTLINE'S pioneering experiments on single visual elements of Limulus in 1932 started a successful period of neuronal recordings which ascended from the retina to the highest centres in the visual brain. In the

last two decades modern electron microscopic techniques and photochemical investigations of single photoreceptors further contributed to vision research.

*Essential
Echocardiography: A
Companion to
Braunwald's Heart
Disease E-Book*
Bloomsbury Publishing
USA

The field covered by Artificial Intelligence (AI) is multiform and gathers subjects as various as the engineering of knowledge,

the automatic treatment of the language, the training and the systems multiagents, and more.

This book focuses on subjects including Machine Learning, Reasoning, Neural Networks, Computer Vision, and Multiagent Systems.

Assessing Cellular Microstructure in Biological Tissues using In Vivo Diffusion-Weighted Magnetic Resonance

Springer Science & Business Media

This volume provides the first comprehensive

overview of social psychological research on inequality for a graduate student and professional audience. Drawing on all of the major theoretical traditions in sociological social psychology, its chapters demonstrate the relevance of social psychological processes to this central sociological concern. Each chapter in the volume has a distinct substantive focus, but the chapters will also share common emphases on: • The unique contributions of sociological social psychology • The

historical roots of social psychological concepts and theories in classic sociological writings • The complementary and conflicting insights that derive from different social psychological traditions in sociology. This Handbook is of interest to graduate students preparing for careers in social psychology or in inequality, professional sociologists and university/college libraries.

Carbon-13 NMR Spectroscopy IGI Global

GABA in the Retina and Central Visual System
Artificial Intelligence Research and Development MIT Press
 "The Oxford Handbook of Sexual and Gender Minority Mental Health provides an overview of the current research on the mental health of sexual and gender minority (SGM) populations. It is aimed at researchers conducting studies on the mental health of SGM populations, clinicians and researchers interested in psychiatric disorders that

affect SGM populations, clinicians using evidence-based practice in the treatment of SGM patients/clients, students in mental health programs (clinical psychology, psychiatry, clinical social work, and psychiatric nursing), and policymakers. This chapter defines some terms and provides an overview of current and past SGM research methods"--
Automated Measurement of 3-D Fiber Orientation Distribution in Injection Molded Composites

Elsevier
 The invitation by the editors of the series "studies of brain function" to contribute a monograph on the visual cortex gives me the opportunity to present in a concentrated manner much of the work I have done on the visual cortical areas of cat and monkey. However, the field of visual cortical physiology is so active and so diverse that the presentation of only my own work would have given a very incomplete view of visual cortical functioning.

Therefore this monograph also reviews most of the studies carried out on the subject in the last two decades. Where possible I have tried not only to describe the cortical machinery but also its possible functional purpose regarding vision. In doing this I have expressed my personal views rather than just reviewing the experimental facts. Much of the work presented in this monograph has been supported by the National Research Council of Belgium and the Research

Council of the Catholic University of Leuven. I express my gratitude to them. I have enjoyed collaborating in these studies with P. O. Bishop, H. Kato, H. Kennedy, K. P. Hoffmann, H. Maes, J. Duysens, E. Vandebussche, and H. van der Glas. I am much indebted to all those who have commented on earlier versions of this monograph: J. Allman, H. Barlow, J. BuBier, M. Callens, J. Duysens, O. J. Griisser, P. Heggelund, H. Kennedy, L. C. Orban and L. Palmer.

Conceptual and Theoretical Approaches to Corporate Social Responsibility, Entrepreneurial Orientation, and Financial Performance
Oxford University Press, USA
Defect Recognition and Image Processing in Semiconductors 1997 provides a valuable overview of current techniques used to assess, monitor, and characterize defects from the atomic scale to inhomogeneities in complete silicon wafers.

This volume addresses advances in defect analyzing techniques and instrumentation and their application to substrates, epilayers, and devices. The book discusses the merits and limits of characterization techniques; standardization; correlations between defects and device performance, including degradation and failure analysis; and the adaptation and application of standard characterization techniques to new

materials. It also examines the impressive advances made possible by the increase in the number of nanoscale scanning techniques now available. The book investigates defects in layers and devices, and examines the problems that have arisen in characterizing gallium nitride and silicon carbide. *Orientation to Inquiry in a Reflective Professional Psychology* Springer Science & Business Media This book constitutes the refereed proceedings of the 5th Catalanian

Conference on Artificial Intelligence, CCIA 2002, held in Castellón, Spain in October 2002. The 37 revised full papers presented were carefully reviewed and selected from 77 submissions. The papers are organized in topical sections on reasoning models, constraint satisfaction, machine learning and classification, multi-agent systems, and computer vision and robotics. **Statistics of Earth Science Data** Springer Science & Business Media A comprehensive

collection of the applications of Nuclear Magnetic Resonance (NMR), Magnetic Resonance Imaging (MRI) and Electron-Spin Resonance (ESR). Covers the wide ranging disciplines in which these techniques are used: * Chemistry; * Biological Sciences; * Pharmaceutical Sciences; * Medical uses; * Marine Science; * Materials Science; * Food Science. Illustrates many techniques through the applications described, e.g.: * High resolution

solid and liquid state NMR; * Low resolution NMR, especially important in food science; * Solution State NMR, especially important in pharmaceutical sciences; * Magnetic Resonance Imaging, especially important for medical uses; * Electron Spin Resonance, especially important for spin-labelling in food, marine and medical studies.

Orientation and Navigation in

Vertebrates Springer
From the reviews: "All in all, Graham Borradaile

has written and interesting and idiosyncratic book on statistics for geoscientists that will be welcome among students, researchers, and practitioners dealing with orientation data. That should include engineering geologists who work with things like rock fracture orientation measurements or clast alignment in paleoseismic trenches. It won't replace the collection of statistics and geostatistics texts in my library, but it will have a place among them and

will likely be one of several references to which I turn when working with orientation data....

The text is easy to follow and illustrations are generally clear and easy to read..."(William C. Haneberg, Haneberg Geoscience)

Handbook of the Social Psychology of Inequality IOS Press

This book approaches professional inquiry in psychology from a perspective that integrates research and practice and prepares students for the diversity

of methods employed in the field. It examines a broad range of models and methods of inquiry in both research and practice and provides a framework for linking issues of knowledge to the special context of professional psychology. Guided by a vision of psychology as a self-critical discipline and a reflective profession, Hoshmand provides a pluralistic perspective on inquiry, including alternative paradigms, for the professional education of clinical, counseling,

consulting, and other practicing psychologists as reflective scientist-practitioners. She gives special attention to the cognitive development and knowledge processes of the professional and offers suggestions for professional training and mechanisms of teaching and learning.

Journal of the Fisheries Research Board of

Canada BoD - Books on Demand
Magnetic resonance imaging (MRI) and spectroscopy (MRS) techniques have opened

new doors for examining biological tissues in vivo. By combining sensitization to diffusion using magnetic field gradients with a variety of imaging and localization schemes, diffusion-weighted MRI and diffusion-weighted MRS allow investigating translational diffusion of endogenous molecules, such as water or metabolites, in biological tissues, most commonly the brain but also other organs such as the prostate. The typical voxel resolution of MRI or MRS

is in the millimeter to centimeter range, much lower than the cellular scale. However, as molecules are typically diffusing over just a few μm during the duration of the measurement (the “diffusion time”) and encounter numerous biological membranes at these scales, the average cellular microstructure has a critical influence on the measured diffusion signal. Hence, diffusion-weighted MRI and diffusion-weighted MRS are sensitive to tissue microstructure at a scale

well below the nominal imaging resolution. However, the connection between diffusion properties and tissue microstructure remains indirect, so any attempt to quantify microstructure will rely on modeling. The goal of this Research Topic was to gather experts in various acquisition and modeling strategies and show how these approaches, despite their own strengths and weaknesses, can yield unique information about cellular microstructure, and sometimes

complement each other.
Proceedings of the International Congress of the International Association of Engineering Geology Springer Science & Business Media
 Of the Encyclopedia of Physical Science and Technology: Has been completely updated with no less than 90% revised material and 50% new content throughout the volumes Presents eighteen volumes, nearly 800 authoritative articles and 14,500 pages Is lavishly illustrated with over 7,000 photographs,

illustrations and tables
 Presents an increased emphasis on the hottest topics such as information processing, environmental science, biotechnology and biomedicine Includes a final Index Volume containing Thematic, Relational and Subject indexes.

Neuronal Operations in the Visual Cortex

Springer
 The maritime industry plays an important role in international trade activities and the global economy. It is estimated that international shipping

carries approximately 80% of global trade by volume and more than 70% by value. However, increasing maritime activities have had a negative impact on the marine environment and human health. For example, in November 2002, a tanker carrying 77000 tons of fuel oil sank in the Bay of Biscay, which polluted thousands of kilometers of Western European coasts, rivers, streams and swamps. Oil spills caused by ship accidents and other pollution associated with

maritime activities have attracted considerable attention in the research community. A large number of studies on shipping pollution have been conducted across different disciplines. However, new challenges are emerging in maritime operation and management, leading to research questions related to intelligent technology and environmental protection, maritime pollution and governance, maritime accidents and environmental

emergency.

Energy Research

Abstracts Springer

Science & Business Media
Over the last decade workforce diversity has attracted much scientific attention. Given the shortage of literature on issues related to homosexual, bisexual and transgender employees, compared to other facets of workforce diversity, this book opens up new perspectives on this issue. Emphasis is placed on the equal consideration of gay, lesbian, bisexual, and transgender issues. Thus

the predominance of lesbian and gay issues in LGBT research (and practice), will be contrasted by an explicit consideration of the unique experiences, stressors and related needs of bisexual and transgender employees. Contributions provide deeper insights into the differing experiences the whole spectrum of LGBT employees make in the workplace in different national and occupational contexts. Furthermore, the collection offers contextualized insights for

evaluating and conceptualizing organizational initiatives aiming at a higher level of inclusion for LGBT employees.

Frontiers in Cognitive Neuroscience IOS Press

This book reviews all major models and hypotheses concerning the mechanisms supposed to underlie the process of navigation in vertebrates. It covers data on all major model groups of vertebrates studied in the context of animal navigation, such as migratory birds, homing

pigeons, sea turtles, subterranean mammals and some migratory fish species. Some other – less studied – groups, e.g., whales, have also been touched. The first part of the book describes different sources of navigational information, with their specific navigational mechanisms known or supposed to be employed by animals for navigational goals. The second part discusses possible functions of these mechanisms in different vertebrates and in the context of different

navigational tasks, ranging from short-range navigation, often performed by animals within as small an area as several square meters, to long-distance global-scale migrations performed by many birds and some sea turtles during their lifespan.

Qualitative Studies in Quality of Life

Routledge

Spatial reasoning and planning is a core constituent in robotics, graphics, computer-aided design, and geographic information systems. After

a review of previous work in the related areas, Liu and Daneshmend present a unified framework for qualitative spatial representation and reasoning. This paves the way for a generation of solutions to spatial problems where the geometric knowledge is imprecise. Many graphical illustrations and detailed algorithm descriptions help the reader to comprehend the solution paths and to develop their own applications. The book is written as a self-contained text for

researchers and graduate students. The methodologies, algorithmic details, and case studies presented can be used as course material as well as a convenient reference. *Geology of the Bighorn Canyon-Hardin Area, Montana and Wyoming* Elsevier
The field covered by Artificial Intelligence (AI) is multiform and gathers subjects as various as the engineering of knowledge, the automatic treatment of the language, the training and the systems

multiagents, and more. This book focuses on subjects including Machine Learning, Reasoning, Neural Networks, Computer Vision, and Multiagent Systems.

GABA in the Retina and Central Visual System

Elsevier

Echocardiography remains the most commonly used imaging technique to visualize the heart and great vessels, and this clinically oriented text by Drs. Scott D. Solomon, Justina C. Wu, and Linda D. Gillam helps

you make the most of its diagnostic and prognostic potential for your patients. Part of the highly regarded Braunwald's family of cardiology references, Essential Echocardiography expertly covers basic principles of anatomy and physiology, the appearance of normal variants across a wide range of cardiovascular diseases, and the hands-on approaches necessary to acquire and interpret optimal echocardiographic images in the clinical setting. - Abundant

illustrations provide a superb visual learning experience both in print and online. Images convey clear, classic examples that represent decades of experience over multiple institutions, as well as recent advances in the field. - More than 485 accompanying video clips mirror the images in the text, with easy-to-follow links from the figure citation to the video online. - Each section includes one or two clinical cases that illustrate key concepts. -

Written by expert echocardiographers and sonographers who emphasize practical applications throughout the text, and superbly illustrated by physician-artist Dr. Bernard Bulwer. - Ideal for anyone currently using or learning to use echocardiography, including cardiologists, cardiology fellows, sonographers, anesthesiologists, critical care physicians, emergency physicians, radiologists, residents, and medical students. - Expert Consult™ eBook

version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices. *Topics in Artificial Intelligence* Springer Science & Business Media While the field of management has developed as a research discipline over the last century, until the early 1990s there was essentially no acknowledgement that the human spirit plays an important role in the

workplace. Over the past twenty years, the tide has begun to turn, as evidenced by the growing number of courses in academia and in corporate training, and an exponential increase in the publications emerging through creative interaction of scholars and practitioners in organizational behaviour, workplace diversity, sustainability, innovation, corporate governance, leadership, and corporate wellness, as well as contributions by psychotherapists,

theologians, anthropologists, educators, philosophers, and artists. This Handbook is the most comprehensive collection to date of essays by the preeminent researchers and practitioners in faith and spirituality in the workplace, featuring not only the most current research and case examples, but visions of what will be, or should be, emerging over the horizon. It includes essays by the people who helped to pioneer the field as well as essays by up and

coming young scholars. Among the questions and issues addressed: · What does it mean to be a “spiritual” organization? How does this perspective challenge traditional approaches to the firm as a purely rational, profit-maximizing enterprise? · Is faith and spirituality in the workplace a passing fad, or is there a substantial shift occurring

in the business paradigm? · How does this field inform emerging management disciplines such as sustainability, diversity, and social responsibility? · In what ways are faith and spirituality in the workplace similar to progressive and innovative human resource practices. Does faith and spirituality in the workplace bring

something additional to the conversation, and if so, what? The aim of The Handbook of Faith and Spirituality in the Workplace is to provide researchers, faculty, students, and practitioners with a broad overview of the field from a research perspective, while keeping an eye on building a bridge between scholarship and practice.

Best Sellers - Books :

- [Playground By Aron Beauregard](#)
- [Taylor Swift: A Little Golden Book Biography](#)
- [The Summer I Turned Pretty \(summer I Turned Pretty, The\) By Jenny Han](#)

- [Ugly Love: A Novel By Colleen Hoover](#)
- [The Summer I Turned Pretty \(summer I Turned Pretty, The\)](#)
- [My First Library : Boxset Of 10 Board Books For Kids](#)
- [The Ballad Of Songbirds And Snakes \(a Hunger Games Novel\) \(the Hunger Games\)](#)
- [Feel-good Productivity: How To Do More Of What Matters To You By Ali Abdaal](#)
- [A Court Of Frost And Starlight \(a Court Of Thorns And Roses, 4\)](#)
- [Twisted Hate \(twisted, 3\)](#)