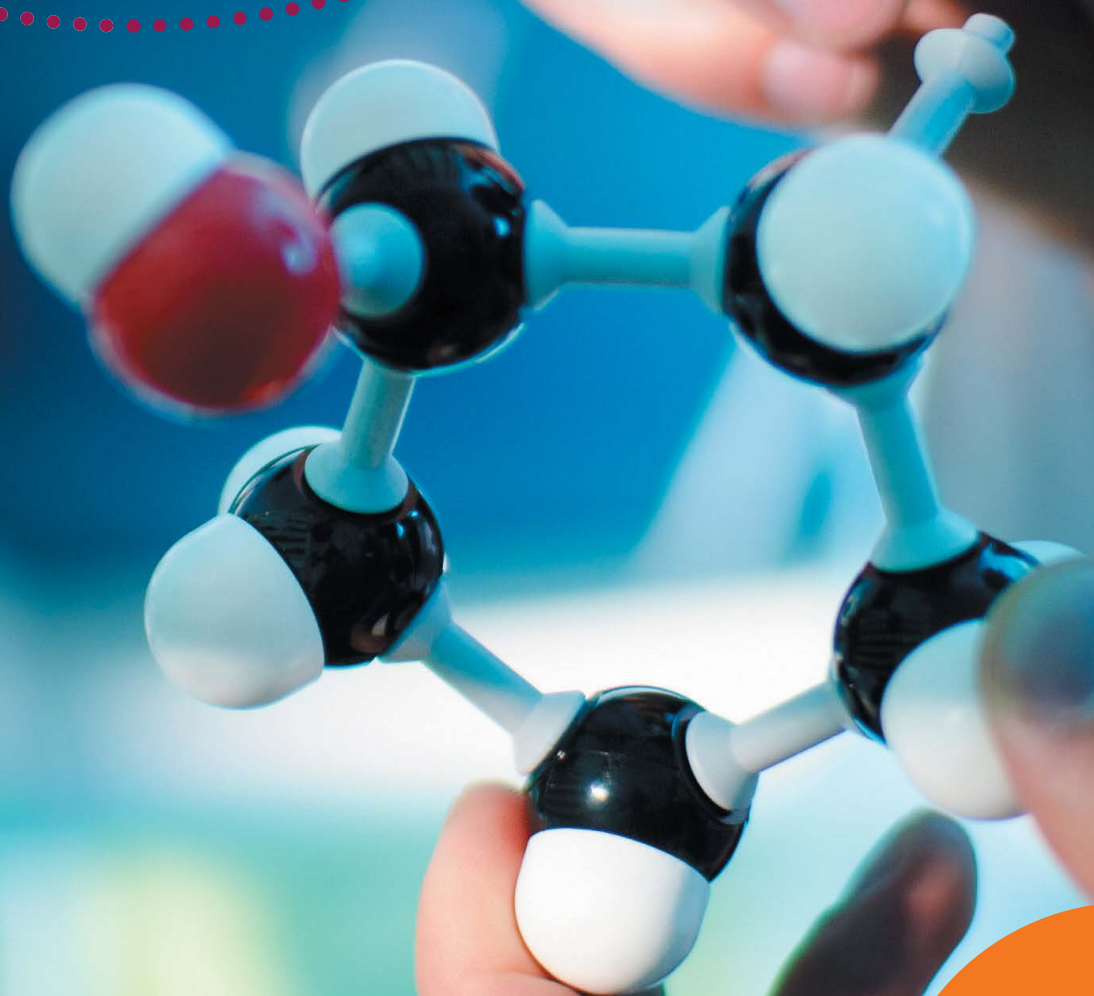


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Managing Innovation: Integrating Technological, Market and Organizational Change (8th Edition)

Joe Tidd, John R. Bessant

The new edition of the bestselling textbook on Innovation Management, provides a strong knowledge base and a creative and entrepreneurial management mindset

Acclaimed for its practical, evidence-based tools and resources, *Managing Innovation* provides the knowledge base required to manage innovation, technology, and new product development. With an integrated process approach, this classic textbook helps students understand and develop the unique skill set required to manage

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Information Technology for Management: Navigating the Digital Divide to Enhance Local and Global Performance, Growth, and Sustainability (13th Edition)

Efraim Turban, Carol Pollard, Gregory Wood

Comprehensive coverage of developments in the real world of IT management, provides a realistic and up-to-date view of IT management in the current business environment

Information Technology for Management provides students in all disciplines with a solid understanding of IT concepts, terminology, and the critical drivers of business sustainability, performance, and growth. Employing a blended learning approach that presents content visually,

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Collective Dynamics and Territories: 9 Issues for Competitive, Innovative and Sustainable Territories

Anne Albert-Cromarias, Therese Albertini, Patrice Terramorsi

Faced with global economic, social and environmental challenges requiring us to go beyond individual actions, the development of collective dynamics is the ideal response. From this perspective, territories, which have long been neglected, are now asserting themselves as breeding grounds for innovative and relevant forms of organized action in response to shared experiences.

Bringing together more than twenty researchers in strategic management, human resources management

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Experience in Healthcare Innovation: Fad or New Paradigm?

Luigi Flora, Corinne Grenier, Frederic Ponsignon

Using the experience of patients, users, healthcare professionals and other stakeholders to innovate and rethink healthcare organizations and systems is gaining ground. Deploying these innovative methods and practices, however, requires an understanding and mastery of theoretical principles, as well as experimenting with them in the field.

Experience in Healthcare Innovation alternates between theoretical presentations and case studies/examples in order to present the key notions of innovation in healthcare and the experiences of the people at the heart

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Organizational Creative Capabilities: Management Factors, Processes and Devices

Guy Parmentier

Creativity, whether individual or collective, is often approached without taking into account organizational processes, routines and management systems. However, in today's constantly changing world, developing creativity at all levels of an organization is the key to developing a continuous flow of innovation and solving complex problems in order to achieve set goals.

Organizational Creative Capabilities presents a comprehensive approach to creativity, with a view towards building a genuine organizational capability with the

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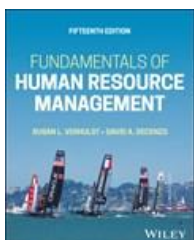
The Creative Capabilities of Open Organizations

Emilie Ruiz

Creativity has become a major issue for organizations and their managers alike. While it is acknowledged that creative capability exists within organizations, we tend to focus solely on what fosters it, thus neglecting creativity in contexts of openness.

With the help of numerous case studies from open organizations, *The Creative Capabilities of Open Organizations* analyzes the way in which creative capabilities are developed. The book puts into perspective the abundant but solid literature on the creative capability of particularly exciting and instructive industries, such as

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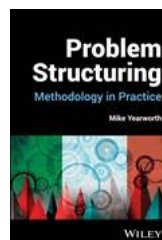
Fundamentals of Human Resource Management (15th Edition)

Susan L. Verhulst, David A. DeCenzo

Build the foundational knowledge and skills needed to succeed in the quickly evolving environment of HR, updated with new content designed to strengthen student comprehension and engagement

Fully revised and updated with input from practicing HR professionals and teaching faculty, *Fundamentals of Human Resource Management* provides a concise and student-friendly introduction to the field of Human Resource Management (HRM). Now in its fifteenth edition, this popular undergraduate textbook offers thorough

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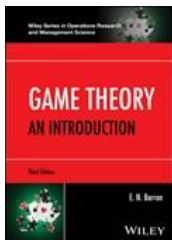
Problem Structuring: Methodology in Practice

Mike Yearworth

Current perspectives on approaches to problem structuring in operational research and engineering and prospects for problem structuring methods applicable to a wide range of practice.

Bridging between operational research (OR) and engineering practice, *Problem Structuring: Methodology in Practice* is grounded in the emergence of soft OR and its development over time as a distinctively new field, broadening the scope of OR to deal with issues of transforming, strategising, and planning in the context of wicked problems. The book is centred on a methodological framing of intervention processes kn...

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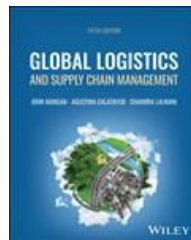
Game Theory: An Introduction (3rd Edition)

E. N. Barron

Authoritative and quantitative approach to modern game theory with applications from areas including economics, political science, computer science, and engineering

Game Theory acknowledges the role of mathematics in making logical and advantageous decisions in adversarial situations and provides a balanced treatment of the subject that is both conceptual and applied. This newly updated and revised Third Edition streamlines the text to introduce readers to the basic theories behind games in a less technical but still mathematically rigorous way, with many new real-world examples from various f...

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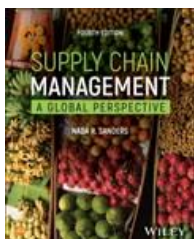
Global Logistics and Supply Chain Management (5th Edition)

John Mangan, Chandra Lalwani, Agustina Calatayud

The new edition of the acclaimed textbook on Global Logistics and Supply Chain Management, offers a global scope and focus on both theory and practice

Global Logistics and Supply Chain Management equips students with the knowledge and tools to navigate today's complex, interconnected global markets. Covering both practical applications and strategic decision-making, this comprehensive textbook combines theory with real-world case studies to provide a thorough understanding of logistics systems and supply chain management (SCM)

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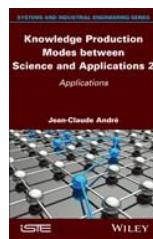
Supply Chain Management: A Global Perspective (4th Edition)

Nada R. Sanders

Illustrates SCM best practices while helping students understand the complexities of SCM decision making

Now in its fourth edition, *Supply Chain Management: A Global Perspective* integrates the foundational principles and business-oriented functions of supply chain management (SCM) in one comprehensive volume. Providing students with a balanced and integrated perspective with a global focus, this market-leading textbook highlights the holistic and interconnected nature of SCM while addressing supply chain strategy, design,

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Knowledge Production Modes between Science and Applications 2: Applications

Jean-Claude Andre

Inventing isn't easy! After identifying and presenting the 12 "valleys of death", the real obstacles limiting the transition from an original idea to an innovative one, including the notion of socially responsible research, *Knowledge Production Modes between Science and Applications 2* applies the concepts introduced in Volume 1.

The book starts off with 3D printing, which has essentially broken through all barriers by offering remarkable advantages over existing mechanical technology. The situation is different for 4D printing and bio-printing. First of

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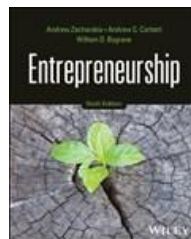
Jack R. Meredith, Scott M. Shafer

Offers streamlined, student-friendly coverage of all key areas of project management

Emphasizing the technical aspects of the project management life cycle, *Project Management in Practice* employs an applied approach to the essential tools, strategies, and techniques required to successfully plan and execute a project. The eighth edition of this leading textbook provides clear and reliable coverage of project activity, risk planning, budgeting and scheduling, resource allocation, project monitoring, project evaluation, and much more.

Designed for those preparing for or currently involved in

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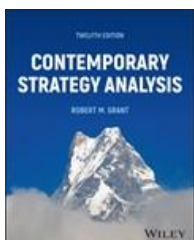
Entrepreneurship (6th Edition)

Andrew Zacharakis, Andrew C. Corbett, William D. Bygrave

Guides aspiring entrepreneurs through the process of starting a new venture in today's economy

Entrepreneurship is an essential resource for both undergraduate and MBA courses on new venture creation. With a focused "hands-on" learning approach, this leading textbook integrates contemporary cases, practical examples, and foundational theory in a single volume. Student-friendly chapters explain each step of the entrepreneurial process, including idea generation, prototyping, opportunity evaluation, business model development, team building, marketing, financial

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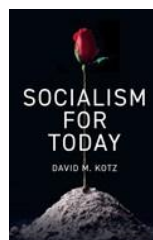
Contemporary Strategy Analysis (12th Edition)

Robert M. Grant

THE UPDATED NEW EDITION OF THE CLASSIC STRATEGIC ANALYSIS TEXTBOOK, ADDRESSES THE EMERGING CHALLENGES THAT BUSINESSES FACE IN AN INCREASINGLY COMPLEX AND DYNAMIC ENVIRONMENT

A market-leading title across the world in upper-level undergraduate and MBA courses, *Contemporary Strategy Analysis* combines a rigorous approach to business strategy analysis with highly relevant examples of current practice and a rich collection of case studies. With a lively narrative style, expert strategist and lecturer Robert M.

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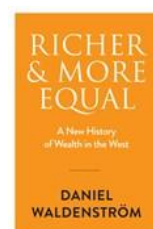
Socialism for Today: Escaping the Cruelties of Capitalism

David M. Kotz

Capitalism is failing us. Instead of bringing a decent life for the majority, it generates an outrageous gap between the rich and the rest, unaffordable housing, a profit-driven healthcare system, skyrocketing educational debt, racial and gender inequality, and the threat of climate disaster. Economist David Kotz argues that it's time we built a new socialism for the unique challenges of the twenty-first century.

The problems of capitalism are too profound for reform, Kotz writes. Reform can help, but only temporarily, and not enough. Now we must build the socialist society of the future.

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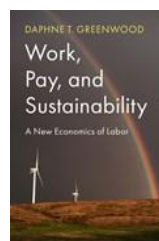
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Philosophy / Political

Richer and More Equal: A New History of Wealth in the West

Daniel Waldenström

Once there were princes and peasants and very few between. The extremes of wealth and poverty are still with us, but that shouldn't blind us to the fact our societies have been utterly transformed for the better over the past century. As Daniel Waldenström makes clear in this authoritative account of wealth accumulation and inequality in the modern west, we are today both significantly richer and more equal.

Using cutting-edge research and new, sometimes surprising, data, Waldenström shows that what stands out since the late 1800s is a concentration in the size of the

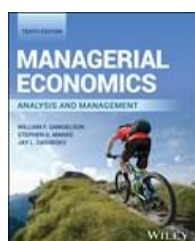


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Business & Economics / Labor

Work, Pay, and Sustainability: A New Economics of Labor

Daphne T. Greenwood

Daphne Greenwood presents the first comprehensive introduction to pluralist labor economics. She expands the economics toolbox with theories taken from institutionalist, feminist, social, ecological, and stratification economists. Pluralists, she explains, focus on how formal and informal institutions affect the distribution of productivity dividends—and how this has evolved over time. Pluralists are concerned with job quality as well as financial compensation. They acknowledge the modern-day abundance created by technology, but advocate for institutional changes to direct it in equitable and ...



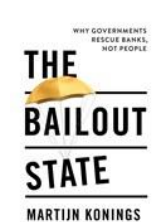
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Business & Economics / Economics / Microeconomics

Managerial Economics (10th Edition)

William F. Samuelson, Stephen G. Marks, Jay L. Zagorsky

The new edition of the best-selling managerial economics textbook, extensively updated to reflect current examples, data, and research

Now in its tenth edition, *Managerial Economics* introduces the complex decision problems facing today's managers, equipping undergraduates, MBAs, and executives with the economic knowledge and analytical skills required to solve these problems. Going beyond the traditional academic approach to teaching economic analysis, this comprehensive textbook favors practical examples and skills rather than theoretical treatments, illustrating how managers use various econ...



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The Bailout State: Why Governments Rescue Banks, Not People

Martijn Konings

How did we end up in a world where social programs are routinely cut in the name of market discipline and fiscal austerity, yet large banks get bailed out whenever they get into trouble?

In *The Bailout State*, Martijn Konings exposes the inner workings of this sprawling infrastructure of government guarantees. Backstopping financial markets and securing banks' balance sheets, this contemporary Leviathan manages the inflationary pressures that its generosity produces by tightening the financial screws on the rest of ..



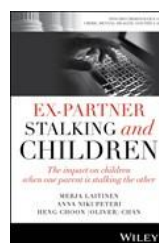
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Business & Economics / Investments & Securities

Investments: Analysis and Management (15th Edition)

Gerald R. Jensen, Tyler K. Jensen

Explains the essentials of investing and develops the analytical skills necessary for evaluating investment issues

More than a simple introduction to the subject, *Investments: Analysis and Management* prepares students to tackle real-world investment problems and controversies using a systematic, highly practical approach. Emphasizing clarity and readability, authors Gerald Jensen and Tyler Jensen minimize complex formulas and simplify difficult material, enabling students of all levels and backgrounds to follow the entire discussion



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Social Science / Criminology

Ex-Partner Stalking and Children: The Impact on Children When One Parent is Stalking the Other

Merja Laitinen, Anna Nikupeteri, Heng Choon (Oliver) Chan

PROVIDES AN AUTHORITATIVE OVERVIEW OF STALKING BEHAVIOR PERPETRATED BY PARENTS AND ITS IMPACTS ON CHILDREN

Stalking targeted at one of the child's parents by the other poses a major psychosocial and physical threat to children's wellbeing and security. Although interdisciplinary research on stalking has expanded in recent decades, intimate partner/ex-partner stalking has been viewed as an "adults only" problem.

Ex-Partner Stalking and Children brings together scholars



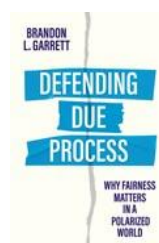
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History / Russia & the Former Soviet Union

Russia in Four Criminals

Federico Varese

Corruption on an immense scale and the unscrupulous use of law enforcement have left indelible marks on post-Soviet Russia. Federico Varese reveals the scars of these grim decades through an unusual lens: its criminal history.

Varese weaves together the tales of four criminals, each emblematic of a different decade and social group within the country. We encounter a traditional mobster; an oligarch, an incarcerated drug-dealer who obtained horrifying videos depicting torture behind bars, and the mastermind behind the world's most potent computer virus. In delving into their lives, we witness t...

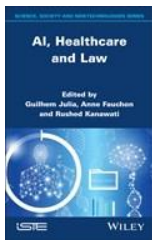


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Law / Judicial Power

Defending Due Process: Why Fairness Matters in a Polarized World

Brandon L. Garrett

We all feel unfairness deeply when treated in rash ways. We expect, and the law requires, government officials to take fairness seriously, giving us notice and an opportunity to be heard before taking our rights away. That is why the U.S. Constitution commands, twice, that no one shall be deprived of life, liberty, or property without due process of law. Yet, in overheated debates, people argue that others do not deserve any presumption of innocence. In courtrooms and colleges, police stations and jails, restaurants and libraries, print and online, the democratic value of due process is up for...



AI, Healthcare and Law

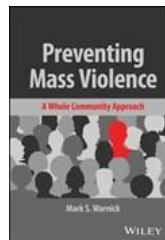
Guilhem Julia, Anne Fauchon, Rushed Kanawati

In a fully digitized world and hyper-connected society, artificial intelligence (AI) is developing more and more each day. In the aftermath of the Covid-19 pandemic, it seems appropriate to examine the real or imagined progress of AI in terms of human health.

Like artificial intelligence, health is a field that involves a wide range of research disciplines. In order to better define and understand these social and technical developments, *AI, Healthcare and Law* brings together the thoughts and analyses of doctors, lawyers, economists and computer scientists.

Through a wide range of original over

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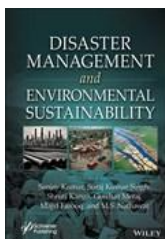
Preventing Mass Violence: A Whole Community Approach

Mark S. Warnick

Build your community's ability to be proactive toward preventing mass violence

In the past decade, communities across America have grappled with an alarming surge in mass violence incidents, leaving citizens and authorities alike seeking effective prevention strategies. In *Preventing Mass Violence: A Whole Community Approach*, Dr. Mark S. Warnick draws on his extensive experience as a first responder to provide a comprehensive blueprint for thwarting mass shootings, terrorist acts, and other large-scale violence.

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Disaster Management and Environmental Sustainability

Sanjay Kumar, Suraj Kumar Singh, Shruti Kanga, Gowhar Meraj, Majid Farooq, M. S. Nathawat

Overuse of natural resources results in environmental deterioration, lowering the effectiveness of important ecosystem services, such as the mitigation of floods and landslides. This leads to a greater risk of disaster and, in turn, natural hazards that can further deteriorate the environment. The deterioration of the capacity of the environment to meet social and ecological aims and demands is described as environmental degradation. This degradation and the concomitant reduction of ecosystems and their irreplaceable services (the benefits humans gain)

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David A. McEntire

Explore the growing concerns about security with this vital book

Homeland Security has never been a more important part of the American social and political fabric. Risk assessment, attack prediction and prevention, preparedness measures, response to terrorist activity, and natural disaster management all fall under the purview of homeland security. It is a key focus of the US security state, which has expanded massively in recent decades.

Introduction to Homeland Security provides an overview

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Technology & Engineering / Emergency Management



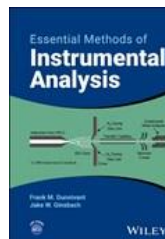
Fundamentals of Taxation for Individuals and Business Entities: A Practical Approach (2nd Edition)

Gregory A. Carnes, Suzanne Youngberg

An innovative approach to understanding the federal income tax laws and using them to develop tax-efficient strategies for individuals and businesses.

Present the big picture with a practice-based approach to understanding tax laws so students can develop critical thinking and problem-solving skills that prepare them for the real world. *Fundamentals of Taxation for Individuals and Business Entities, 2025 Edition* introduces a logical foundation for the income tax system

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Essential Methods of Instrumental Analysis

Frank M. Dunnivant, Jake W. Ginsbach

Intuitively organized textbook aligned to common analytical instrumentation courses for undergraduate students

Through an analytical approach, *Essential Methods of Instrumental Analysis* provides an expansive overview of common instruments and methods and their applications for undergraduate students, integrating experimental protocols with real result examples to deliver a well-rounded understanding of the inner workings of the instruments and enabling students to evaluate the success of their experiments and create scientific figures.

In addition to detailed coverage of specific instruments

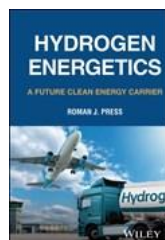
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Sulabh Sachan, Sanjeevikumar Padmanaban, Sanchari Deb

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Hydrogen Energetics: A Future Clean Energy Carrier

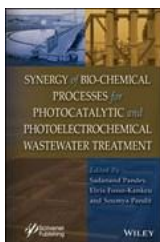
Roman J. Press

Understand the future of clean energy with this timely introduction

Hydrogen is a clean fuel that can be used to power fuel cells whose only byproduct is water. This flexible energy carrier can be produced from a range of natural processes and domestic energy resources, and it has potentially widespread applications. In an era defined by global climate change and the search for sustainable energy, hydrogen energetics is a field with transformative potential.

Hydrogen Energetics provides a cutting-edge introduction

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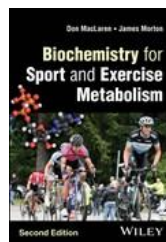
Synergy of Bio-Chemical Processes for Photocatalytic and Photoelectrochemical Wastewater Treatment

Sadanand Pandey, Elvis Fosso-Kankeu, Soumya Pandit

The concept of photoelectrochemistry applied to microbial fuel cells could be the future of sustainable wastewater treatment and for hydrogen recovery as a valuable energy source.

With the increase of recalcitrant organic pollutants in industrial wastewater, the need for a sustainable bio-electrochemical process has become pressing in order to ensure that treatment processes are coupled with some beneficiation advantages. Microbial fuel cells combine wastewater treatment and biological power generation.

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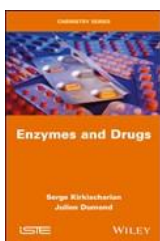
Biochemistry for Sport and Exercise Metabolism (2nd Edition)

Donald MacLaren, James Morton

All-new edition of an introductory textbook on sport and exercise biochemistry and muscle metabolism

Biochemistry for Sport and Exercise Metabolism initially examines the essence of the biochemistry of the macronutrients before exploring how exercise mode, intensity, and duration, training status, and nutritional status affects the regulation of energy producing pathways, enabling readers to apply this understanding to develop training and nutrition programs that maximize athletic performance. This textbook includes an overview

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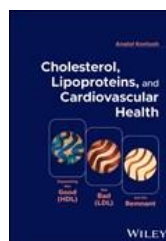
Enzymes and Drugs

Serge Kirkiacharian, Julien Dumond

Enzyme dysfunction, an essential catalyst for the smooth running of biochemical reactions and the maintenance of vital processes, is at the root of many pathologies that have paved the way for the development of numerous drugs.

Aimed at pharmacists, biologists, biochemists, doctors, veterinarians, medicinal chemists and students from a wide range of disciplines, *Enzymes and Drugs* brings together, for the first time, extensive documentation highlighting the relationships between a large number of drugs and enzymes. The book also highlights new prospects for therapeutic discoveries offered by en...

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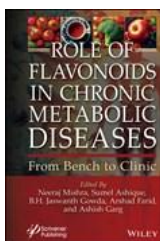
Cholesterol, Lipoproteins, and Cardiovascular Health: Separating the Good (HDL), the Bad (LDL), and the Remnant

Anatol Kontush

Discover the biology, biochemistry, and medical aspects of lipoproteins in this comprehensive overview of its historic and contemporary development

The fatty substance known as cholesterol is found in every cell of the human body and carries out several important functions. It is transported through the bloodstream as a part of particles called lipoproteins, which are divided into classes including low-density lipoprotein (LDL) and high-density lipoprotein (HDL). Distinguishing between

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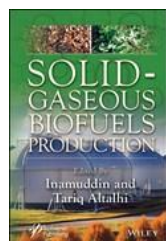
Role of Flavonoids in Chronic Metabolic Diseases: From Bench to Clinic

Neeraj Mishra, Sumel Ashique, B. H. Jaswanth Gowda, Arshad Farid, Ashish Garg

This comprehensive volume covers the entire field of flavonoids by explaining their complex functions in reducing chronic metabolic illnesses, from the early stages of laboratory research to the development of therapeutic uses.

Flavonoids are plant-based substances proven to have potential medical benefits in managing chronic metabolic disorders. This book explores concepts in laboratory research and therapeutic capabilities to enhance awareness of flavonoids in a medical context.

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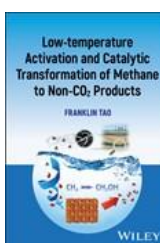
Solid-Gaseous Biofuels Production

Inamuddin, Tariq Altalhi

Written by a team of industry experts and edited by one of the most prolific and well-respected engineering authors in the industry, this exciting new volume covers the latest processes, equipment, and applications for clean biofuel production.

With renewable and alternative energy sources becoming more and more important, and the growth in percentage of the overall energy used, biofuels production is more important than ever and is a huge part of taking up the slack in the transition from fossil fuels. This volume covers many of the newest state-of-the art processes, trends,

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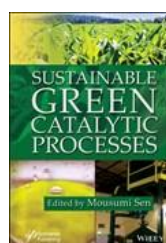
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Franklin Tao

Sustainably tap one of the world's most abundant natural resources with this essential guide

Methane is among our crucial natural resources, with myriad applications both domestic and industrial. Atmospheric accumulation of methane, however, is one of the major drivers of climate change. The increasingly urgent search for a sustainable world demands methods for the transformation of methane that maximize its potential as a source of energy and chemical production without a harmful effect on the atmosphere and local

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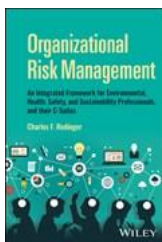
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Mousumi Sen

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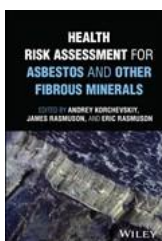
The Wiley Guide to Strategies, Ideas, and Applications for Implementing a Total Worker Health Program

Linda Tapp

Addresses safety and health hazards through a holistic, organization-wide approach to worker wellbeing

The Wiley Guide to Strategies, Ideas, and Applications for Implementing a Total Worker Health® Program presents specific information and guidance for Total Worker Health (TWH) applications in a variety of industries as well as specific aspects of TWH. This book covers how existing safety and health activities can support and be integrated into TWH programs, exploring specific topics such as how

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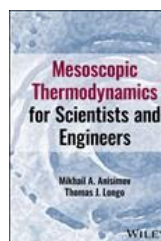
Health Risk Assessment for Asbestos and Other Fibrous Minerals

Andrey Korchevskiy, James Rasmuson, Eric Rasmuson

Evaluates the risks and human health impacts of asbestos and other fibrous minerals

Despite continuous efforts to eliminate asbestos from commercial use, it remains a serious occupational and environmental hazard. *Health Risk Assessment for Asbestos and Other Fibrous Minerals* provides a rigorous discussion of risk assessment methodology for elongate mineral particles, covering basics, theory, models, and practical applications, enabling readers to participate in carrying out efficient and informed health risk assessments, to estimate potential adverse effects for

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Mesoscopic Thermodynamics for Scientists and Engineers

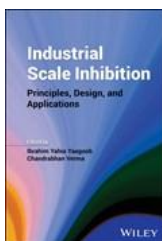
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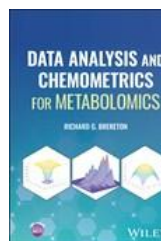
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Ibrahim Yahia Yaagoob, Chandrabhan Verma

Learn the synthesis, characterization, scaling mechanisms, and applications of green antiscalants to be utilized in modern industrial platforms

Scale formation, or mineral accumulation on the interior surfaces of water lines and containers, is a serious and expensive hazard in numerous industries. The prevention and elimination of scales has long been a major project demanding the production of antiscalant materials; increasing awareness of the toxicity of traditional antiscalants, however, and rising environmental

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Data Analysis and Chemometrics for Metabolomics

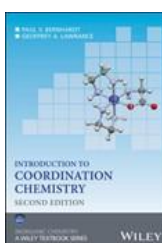
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Understand new modes of analysing metabolomic data

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Paul V. Bernhardt, Geoffrey A. Lawrance

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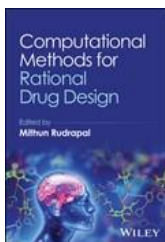
International Tables for Crystallography, Volume I: X-ray Absorption Spectroscopy and Related Techniques

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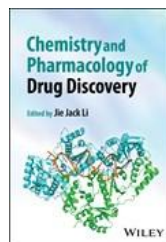
Computational Methods for Rational Drug Design

Mithun Rudrapal

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Computational Methods for Rational Drug Design covers the tools and techniques of drug design with applications to the discovery of small molecule-based therapeutics, detailing methodologies and practical applications and addressing the challenges of techniques like AI/ML and drug design for unknown receptor structures. Divided into 23 chapters, the contributors address various cutting-edge

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Chemistry and Pharmacology of Drug Discovery

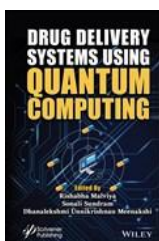
Jie Jack Li

Case studies of 20 successful FDA-approved drugs, from biological rationale to clinical efficacy studies and state-of-the-art applications

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Ajay Kumar, Livleen Shukla, Joginder Singh, Luiz Fernando Romanholo Ferreira

Learn the various microbiological aspects one deals with in environment management and the remediation of toxic contaminants in the environment

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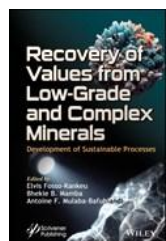
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Rajeev Singh, Anamika Singh

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Indoor air quality has an immense impact on human health and well-being. Indoor air environments can contain a huge range of biological contaminants, including bacteria, fungi, viruses, insects, and their various harmful byproducts. Indoor biocontamination has been understudied as an aspect of public and occupational health, and there is an urgent need for an introduction to this vital

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Recovery of Values from Low-Grade and Complex Minerals: Development of Sustainable Processes

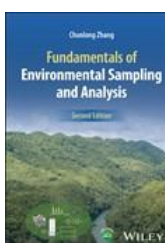
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Recovery of Values from Low-Grade and Complex Minerals

The book elaborates on various physicochemical properties of minerals and technological developments to improve the recovery of metals while ensuring cost-effectiveness and minimal environmental impact.

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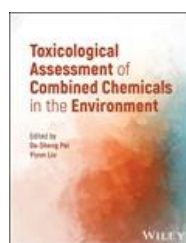
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Environmental sampling and analysis are essential components of environmental data acquisition and scientific research. The acquisition of reliable data with respect to proper sampling, chemical and instrumental methodology, and QA/QC is a critical precursor to all environmental work. No would-be environmental scientist,

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Toxicological Assessment of Combined Chemicals in the Environment

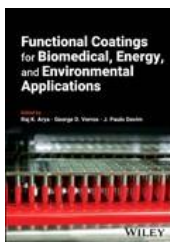
De-Sheng Pei, Yiyun Liu

Comprehensive resource covering toxicology fundamentals, distribution of pollutants in the environment, and research methodologies for toxicological assessment of chemical mixtures

Toxicological Assessment of Combined Chemicals in the Environment offers an in-depth exploration of various approaches and molecular mechanisms regarding how minor alterations in chemical mixtures can influence an organism's toxicity, along with discussion of the challenges associated with assessing mixtures.

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Functional Coatings for Biomedical, Energy, and Environmental Applications

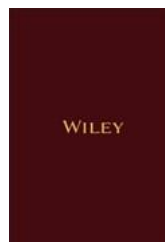
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Functional coatings play a huge range of roles in industries from automotive to aerospace to electronic and beyond. They offer protection, performance enhancement, corrosion resistance, self-cleaning properties, and more. Recent developments in the field have allowed for ever more precise optimization of functional coatings, with the result that demand for these key tools is only likely to increase.

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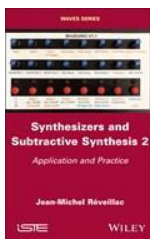


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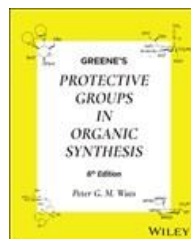
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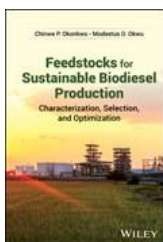


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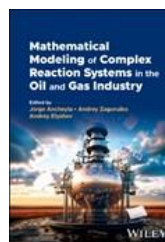
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Feedstocks for Sustainable Biodiesel Production: Characterization, Selection, and Optimization helps readers understand the advantages, challenges, and potential of different biodegradable feedstock options that can be used in biodiesel production, covering methods of feedstock sourcing extraction, environmental concerns, cost-benefit aspects, practical applications, and more. Specific biodegradable feedstocks covered in this text

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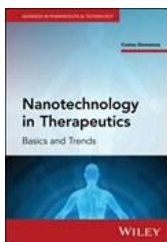
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Master the fundamentals of reaction systems modeling for the age of decarbonization

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Defang Ouyang

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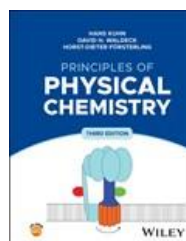
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Discover the latest, fast-developing technology to help move towards more cost-effective, small-batch, decentralized manufacturing of personalized systems

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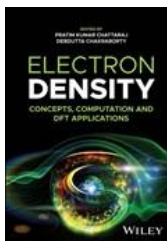
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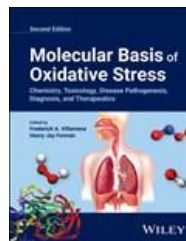
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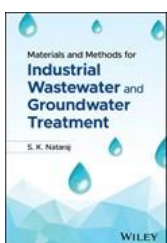
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Materials and Methods for Industrial Wastewater and Groundwater Treatment

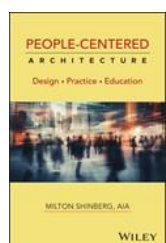
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Milton Shinberg

A wise architect's guide for re-energizing architectural design thinking, capturing and applying discoveries from the human sciences and insights from non-architects, to transform architectural design, practice, and education.

People-Centered Architecture: Design Practice and Education is a unique exploration of concrete ways a deeper understanding of people helps and encourages architects to better serve everyone who use what they design. In this one-of-a-kind volume, veteran architect and educator Milton Shinberg presents game-changing

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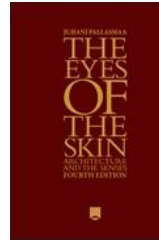
Architectural Design Instruments: Conditions of Appearance, Modes of Appropriation and Reconfigurations of Practices

Sébastien Bourbonnais

While it is undeniable that architectural practices have been transformed with the advent of digital technologies, they nevertheless continue to occupy an ambiguous or even problematic place within the design process.

The underlying premise of this book on architectural design instruments is not to see them simply as means to an autonomous end, one that is pure and detached from any other technological aspect, but instead to see these instruments and their formative abilities as a different way in which architects can approach design. We maintain that

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The Eyes of the Skin: Architecture and the Senses (4th Edition)

Juhani Pallasmaa

THE EYES OF THE SKIN

Explore the relationship between architecture and the sensory experience with the fourth edition of this groundbreaking work

First published in 1996, *The Eyes of the Skin* is a classic of architectural theory. It asks the far-reaching question why, when there are five senses, is one single sense—sight—so predominant in architectural culture and design? With the ascendancy of the digital and the all-pervasive use of the image electronically, the subject is all the more pressing and topical since the first edition's publication. Juhani

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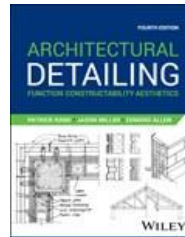
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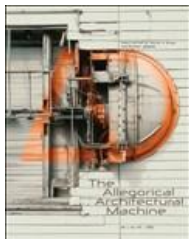
Patrick Rand, Jason Miller, Edward Allen

The industry-standard guide to designing well-performing buildings

Aesthetics are a vital part of good design. Great design emerges from a deep understanding of the functionality and constructability of details. Good details provide clear, complete, and correct information to the wide variety of users that need them. Architects guide a project from design idea to buildable reality by working with other building industry professionals and creating a set of details that show how things are put together.

Architectural Detailing systematically describes the

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The Allegorical Architectural Machine

Daniel K. Brown, Michael Chapman

The intersection of architecture and the machine has a history that stretches back to the Industrial Revolution, however the machine has recently begun to appear in new ways in speculative architectural drawing and modelling. This issue of AD considers the influence of the machine as an allegorical device for exploring alternative architectural practices, and includes a cross-section of viewpoints from emerging and established international practitioners and academics.

Allegory, a technique native to literature, provides a critical method through which machine typologies can contribute to deep...

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Ghost Stories: Architecture and the Intangible

Peter J. Baldwin

It is not without irony that in an age characterised by the dissolution of certainty – a consequence of digital dematerialisation and the catastrophic destabilisation of our social institutions and natural world – architecture, for so long the repository for our myths and the vessel for our intangible narratives and rituals, has been stripped bare. Increasingly preoccupied with the physical, material and measurable, architecture has forfeited its original purpose as a mediating link between the tacit and the tangible. Drawing on the current resurgence and our enduring cultural fascination with...

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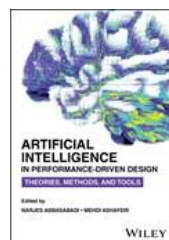


Artificial Intelligence in Architecture

Matias del Campo

Artificial intelligence (AI) applications in architectural design have achieved a critical mass and exploded into the mainstream of architectural imaginations. From practical applications in design and construction to the implications for architectural theory to a plethora of novel tools for accelerated morphological studies, what has become clear is that the discipline is passing a threshold that fundamentally changes architecture as a whole. However, the most radical change is the interrogation and novel discussion of authorship and agency in design ecologies driven by synthetic imaginations....

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Artificial Intelligence in Performance-Driven Design: Theories, Methods, and Tools

Narjes Abbasabadi, Mehdi Ashayeri

A definitive, interdisciplinary reference to using artificial intelligence technology and data-driven methodologies for sustainable design

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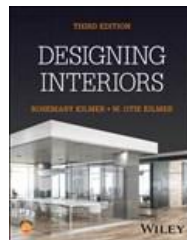
Christine M. Piotrowski

Practical, comprehensive resource for commercial interior design, covering research, execution, safety, sustainability, and legal considerations

Designing Commercial Interiors explores the entire design process of commercial projects from planning to execution to teach the vital considerations that will make each project a success. This book delivers a solid understanding of the myriad factors in play throughout designing restaurants, offices, lodging, retail and healthcare facilities.

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Maureen Mitton

Comprehensive guide covering all aspects of visual design, including planning, layout, and presentation.

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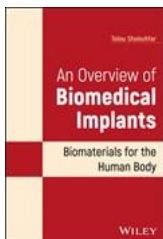
Designing Brand Identity: A Comprehensive Guide to the World of Brands and Branding (6th Edition)

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It's harder than ever to be the brand of choice—in many markets, technology has lowered barriers to entry, increasing competition. Everything is digital and the need for fresh content is relentless. Decisions that used to be straightforward are now complicated by rapid advances in technology, the pandemic, political polarization, and numerous social and cultural changes.

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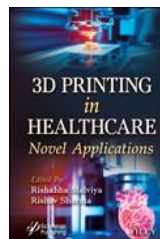
An Overview of Biomedical Implants: Biomaterials for the Human Body

Tolou Shokuhfar

Understand the core materials that create biomedical innovation

Some of the greatest medical advances in recent decades have come in the form of biomedical implants. Whether in the form of traditional orthopedic implants, medical devices for the cardiovascular system, or polymer-based ocular implants, biomedical implants can be lifesaving or life-transforming interventions. The biomaterials which comprise these implants are a vital area of ongoing research, but no prior volume has ever taken comprehensive stock of this subject and its growing

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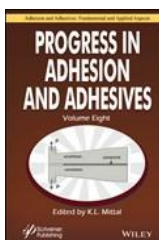
3D Printing in Healthcare: Novel Applications

Rishabha Malviya, Rishav Sharma

The main goal of this book is to explore the application of 3D printing in medicine and healthcare that could revolutionize drug development and medical equipment production and also improve supply chains, pharmaceuticals, and healthcare.

In the fields of medicine, pharmaceuticals, surgical planning, and personalized medical treatment, the novel emergence of 3D printing technology has opened a wide range of potential applications. With personalized solutions that were previously impossible, 3D printing has opened up novel possibilities in patient care, from developing

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Progress in Adhesion and Adhesives, Volume 8

K. L. Mittal

Keep up-to-date with the latest on adhesion and adhesives from an expert group of worldwide authors.

The book series "Progress in Adhesion and Adhesives" was conceived as an annual publication and the premier volume made its debut in 2015. The series has been well-received as it is unique and provides substantive and curated review chapters on subjects that touch many disciplines.

The current book contains nine chapters on topics that include multi-component theories in surface

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3D Bioprinting from Lab to Industry

Prosenjit Saha, Sabu Thomas, Jinku Kim, Manojit Ghosh

A complete overview of bioprinting, from fundamentals and essential topics to recent advances and future applications

Additive manufacturing, also known as 3D printing, is one of the most transformative technological processes to emerge in recent decades. Its layer-by-layer construction method can create objects to remarkably precise specifications with minimal waste or energy consumption. Bioprinting, a related process that employs cells and biomaterials instead of man-made substances or industrial materials, has a range of biomedical and chemical uses that make it an exciting and fast-growing...

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Mechanics of Living Tissues: Imaging, Characterization and Modeling Towards the Study of Soft Tissues

Cédric Laurent, Claude Verdier

Despite their many common features (mechanical behavior; multi-scale structure, evolutionary and living characteristics, etc.), the tissues that make up the human body each have specific characteristics linked to their function, which require the development of dedicated experimental, theoretical and numerical methods.

Mechanics of Living Tissues brings together the work of a number of experts to provide an overview of the most recent approaches developed to study the biomechanical behavior of these soft tissues, in order to understand their

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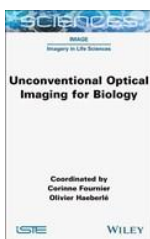


Innovative Ultrasound Imaging Techniques: Biomedical Applications

S. Lori Bridal

This book provides an understanding of ultrasound imaging principles and how the field is evolving to better probe living systems. Today, widely-used imaging systems visualize structures and blood flow within the body in real-time. Signal analysis, hardware and contrast agent innovations are extending the capacity of ultrasound to assess tissue elasticity, to enable three-dimensional viewing of moving structures and to detect vessels smaller than the wavelength-limited resolution. Techniques are also being designed so that we are less impeded by bones in the sound path, as well as to combine...

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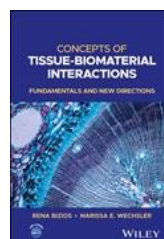
Unconventional Optical Imaging for Biology

Corinne Fournier, Olivier Haeberle

Optical imaging of biological systems has undergone spectacular development in recent years, producing a quantity and a quality of information that, just twenty years ago, could only be dreamed of by physicists, biologists and physicians.

Unconventional imaging systems provide access to physical quantities – phase, absorption, optical index, the polarization property of a wave or the chemical composition of an object – not accessible to conventional measurement systems. To achieve this, these systems use special optical setups and specific digital image processing to reconstruct physical quant...

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Concepts of Tissue-Biomaterial Interactions: Fundamentals and New Directions

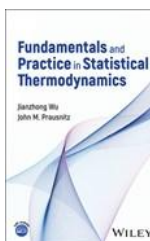
Rena Bizios, Marissa E. Wechsler

Biology and engineering meet in this groundbreaking and growing discipline

Biomedical engineering is an established interdisciplinary research and training area, combining various aspects of physiology, biology, materials science and engineering. Biomedical engineering programs and courses are integral parts of pertinent curricula, generating an urgent need for textbooks which can introduce this fundamental subject to new generations of students, researchers and practicing professionals.

The textbook *Concepts of Tissue-Biomaterial Interactions*

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Science / Biotechnology



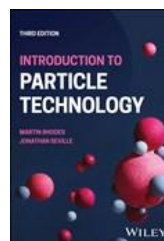
Fundamentals and Practice in Statistical Thermodynamics

Jianzhong Wu, John M. Prausnitz

Bridge the gap between thermodynamic theory and engineering practice with this essential textbook

Thermodynamics is a discipline which straddles the fields of chemistry, physics, and engineering, and has long been a mainstay of undergraduate and graduate curricula. Conventional thermodynamics courses, however, often ignore modern developments in statistical mechanics, such as molecular simulation methods, cooperative phenomena, phase transitions, universality, as well as liquid-state and polymer theories, despite their close

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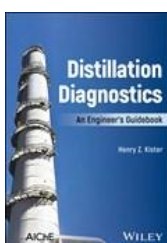
Introduction to Particle Technology (3rd Edition)

Martin J. Rhodes, Jonathan Seville

INTRODUCTION TO PARTICLE TECHNOLOGY A new edition of the indispensable guide to particulates and powders

Particle technology concerns the formation, processing and properties of the particles and powders which make up many of the products that surround us. Such products range from the cement and aggregate in the built environment to pharmaceuticals and processed foods. Most of the process industries involve particles, either as essential components such as catalysts or as intermediate or final products, and minerals such as the rare earths that

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Distillation Diagnostics: An Engineer's Guidebook

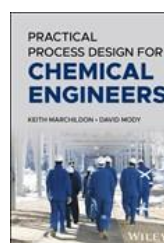
Henry Z. Kister

Thorough guide on how to use various diagnostic techniques to troubleshoot problems in distillation columns

Distillation Diagnostics familiarizes the reader with the multitude of tools available for diagnosing distillation and absorption tower problems and provides the reader with application guidelines derived from 40+ years of real-world experiences of the author.

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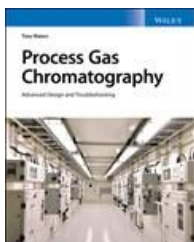
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Process Gas Chromatography: Advanced Design and Troubleshooting

Tony Waters

Understand a key tool for optimizing an industrial process

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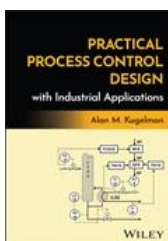
Plant Optimization in the Process Industries: Incorporating Equipment/Assets in the Decision-Making Process

Marty Moran

Optimize asset decisions and improve the financial and technical operation of process plants

The process industries, particularly the refining and petrochemical industries, are comprised of capital-intensive business whose assets are valued in the trillions. Optimizing the function of refining and petrochemical plants is therefore not simply a process decision, but a business one, with even small improvements in efficiency potentially providing enormous margins. There is an urgent need for businesses to assess how the asset side of

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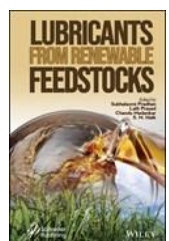
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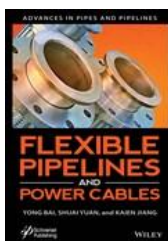
Lubricants from Renewable Feedstocks

Subhalaxmi Pradhan, Lalit Prasad, Chandu Madankar, S. N. Naik

Written and edited by a team of industry experts, this exciting new volume covers the field of renewable lubricants, their processing, optimization, end-use application, and their future potential.

Biolubricants are a viable alternative to synthetic lubricants because they are produced from organic materials such as plant oils, waste oils and by-products. Renewable biolubricants are the subject of research because of their biodegradability, eco-friendliness, and favorable socioeconomic consequences to counteract imitations of

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Yong Bai, Shuai Yuan, Kaien Jiang

FLEXIBLE PIPELINES AND POWER CABLES

Pipelines are an important part of the world's energy infrastructure, and, without them, oil and gas, the most commonly used sources for energy today, would not be available to much of the world's countries. New theories and designs are constantly being researched and developed by scientists and engineers, to continue improving this technology and making it safer and more economical.

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CCPS (Center for Chemical Process Safety)

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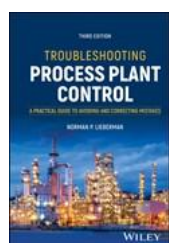
Process Operations Safety: The What, Why, and How Behind Safe Petrochemical Plant Operations

M. Darryl Yoes

Provides crucial lessons in process safety operations, drawing from 100 global case studies

Written from an operator's perspective, *Process Operations Safety* provides valuable information and education on the fundamentals of process operations safety by providing background on process safety and key leading operational management and equipment failures that have led to catastrophic process safety incidents, including loss of life. Written by an expert with more than five decades of industry experience, this book enables readers to learn

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Norman P. Lieberman

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Process control is an area of study dealing with controlling variables that emerge in process plants, such as chemical plants, wastewater purification plants, or refineries. Existing guides to process control are numerous, but they tend to be associated with control engineering, which is more mathematical and theoretical. There is an urgent need for a more straightforward and concrete guide for practical use in petrochemical plants and refineries.

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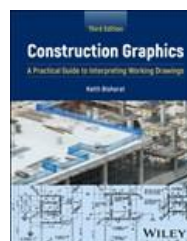
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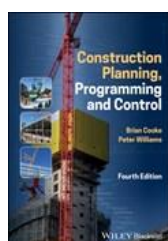
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Keith A. Bisharat

Learn how managers of the construction process use construction graphics to analyze, evaluate, and organize the labor, equipment, and materials required to fulfill the design professionals' instructions regarding a project.

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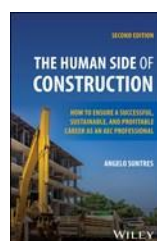
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Construction Planning, Programming and Control (4th Edition)

Brian Cooke, Peter Williams

An essential introduction to the management of building projects

Construction management is a complex discipline with many facets. The essence of construction management is the delivery of construction projects to meet the client's goals whilst recognising the commercial interests of the many designers, consultants and contractors involved. Balancing the expected quality outcomes, the highest safety standards and time and budget pressures is not an easy task. Therefore, students and practitioners looking to understand the core principles of construction



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The Human Side of Construction: How to Ensure a Successful, Sustainable, and Profitable Career as an AEC Professional (2nd Edition)

Angelo Suintres

An incisive guide to navigating the construction industry and dealing with the people who work in it

In the newly revised second edition of *The Human Side of Construction: How to Ensure a Successful, Sustainable, and Profitable Career as an AEC Professional*, renowned construction professional Angelo Suintres delivers an insightful discussion of the root cause of many of the issues plaguing the construction industry today—the lack of human connection. Suintres explains that, in an industry undergoing dramatic changes driven by technology,



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Architectural Design and Management in the Digital Age: International Perspectives

Bob Giddings, Silvio Melhado, Jennifer Barrett

Critical appraisal of architectural design and management in the digital age through international perspectives

Architectural Design and Management in the Digital Age delivers an evaluation of digitalisation in the evolving processes of architecture, providing a holistic treatment of the subject in terms of technologies, human context, emerging concepts, and the management of digital projects.

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Architecture / Reference

Constructing Change: The Impact of Digital Fabrication on Sustainability

Ena Lloret-Fritsch, Selen Ercan Jenny, David Jenny

Every year, nearly 100 billion tonnes of raw material globally is extracted from the earth – approximately half of it for construction purposes. The construction industry is responsible for an estimated third of global waste, while reuse of construction materials is not increasing fast enough. The same sector accounts for at least 40 per cent of global carbon-dioxide emissions. There is thus an urgent need to showcase how novel approaches in digital fabrication might be able to enhance the sustainability of buildings and transform construction. Featuring specialists from architecture, engineeri...



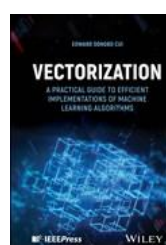
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Build Like It's the End of the World: A Practical Guide to Decarbonize Architecture, Engineering, and Construction

Sandeep Ahuja, Patrick Chopson

Authoritative roadmap to the design and construction of a carbon-positive built environment

Build Like It's the End of the World stands as a compelling manifesto for the AEC industry, confronting the urgent challenges of climate change with actionable solutions. Authored by Sandeep Ahuja and Patrick Chopson, this text embarks on a journey to redefine the future of our built environment. Through a lens of decarbonization, it challenges established norms and introduces a new benchmark for sustainable design and construction.



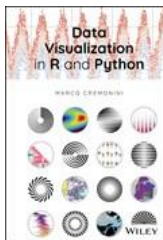
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Vectorization: A Practical Guide to Efficient Implementations of Machine Learning Algorithms

Edward Dongbo Cui

Enables readers to develop foundational and advanced vectorization skills for scalable data science and machine learning and address real-world problems

Offering insights across various domains such as computer vision and natural language processing, *Vectorization* covers the fundamental topics of vectorization including array and tensor operations, data wrangling, and batch processing. This book illustrates how the principles discussed lead to successful outcomes in machine learning projects, serving as concrete examples for the theories



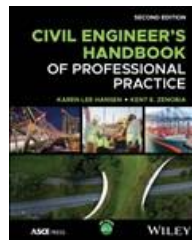
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Marco Cremonini

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The advent of machine learning and neural networks in recent years, along with other technologies under the broader umbrella of 'artificial intelligence,' has produced an explosion in Data Science research and applications. Data Visualization, which combines the technical knowledge of how to work with data and the visual and communication skills required to present it, is an integral part of this subject. The expansion of Data Science is already leading to greater demand for new approaches to Data Visualization, ...

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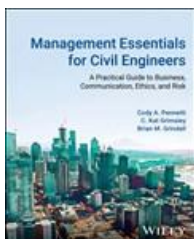
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Karen Lee Hansen, Kent E. Zenobia

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Management Essentials for Civil Engineers: A Practical Guide to Business, Communication, Ethics, and Risk

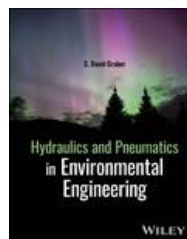
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Hydraulics and Pneumatics in Environmental Engineering

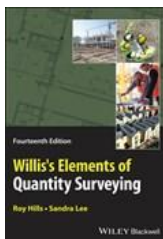
S. David Graber

Bring the tools of hydraulics and pneumatics to bear on key environmental challenges

Hydraulics and pneumatics are essential tools in environmental engineering. Any area of engineering which deals with harnessing, managing, and controlling fluid and flow will find hydraulics and pneumatics indispensable, and environmental engineering is no exception. These two subjects, however, are rarely integrated in standard teaching and research resources, and there exists an urgent need for a work which brings them together.

Hydraulics and Pneumatics in Environmental Engineering

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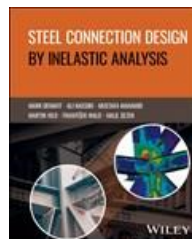
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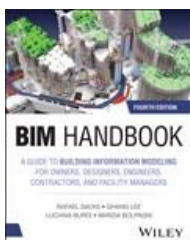
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Mark D. Denavit, Ali Nassiri, Mustafa Mahamid, Martin Vild, Frantisek Wald, Halil Sezen

Comprehensive resource on the finite element method in structural steel connection design through verification with AISC 360 provisions

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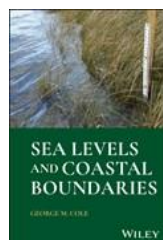
BIM Handbook: A Guide to Building Information Modeling for Owners, Designers, Engineers, Contractors, and Facility Managers (4th Edition)

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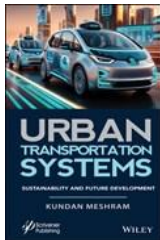
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George M. Cole

Authoritative reference on the many laws, regulations, and guidelines related to public and private water boundaries

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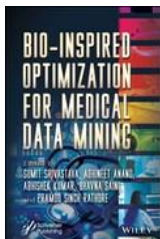
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This book is a comprehensive exploration of bio-inspired optimization techniques and their potential applications in healthcare.

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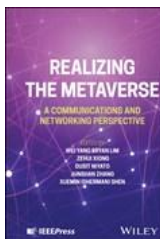
AI-Embedded Blockchain Technologies and Applications: Enhancing Cybersecurity Systems in Smart Environments

Alex Khang, Namrata Dhanda, Rajat Verma

Enables readers to understand how machine learning and blockchain technologies can enhance cybersecurity of systems in smart and intelligent environments.

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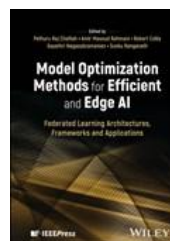
Realizing the Metaverse: A Communications and Networking Perspective

Wei Yang Bryan Lim, Zehui Xiong, Dusit Niyato, Junshan Zhang, Xuemin Shen

A guide to the challenges in making virtual reality, reality

The Metaverse, a version of the internet in which online interactions take place in real time within fully realized virtual spaces, has been promised as the next frontier in wireless communication. It has drawn huge investment from Silicon Valley and widespread media attention. However, the technologies required to make the Metaverse a reality are still in their infancy, and significant barriers must be overcome if this massive step is to be

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Model Optimization Methods for Efficient and Edge AI: Federated Learning Architectures, Frameworks and Applications

Pethuru Raj Chelliah, Amir Masoud Rahmani, Robert Colby, Gayathri Nagasubramanian, Sunku Ranganath

Comprehensive overview of the fledgling domain of federated learning (FL), explaining emerging FL methods, architectural approaches, enabling frameworks, and applications

Model Optimization Methods for Efficient and Edge AI explores AI model engineering, evaluation, refinement, optimization, and deployment across multiple cloud environments (public, private, edge, and hybrid). It presents key applications of the AI paradigm, including

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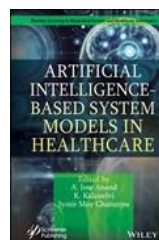
Machine Learning and Metaheuristic Computation

Erik Cuevas, Jorge Galvez, Omar Avalos, Fernando Wario

Learn to bridge the gap between machine learning and metaheuristic methods to solve problems in optimization approaches

Few areas of technology have greater potential to revolutionize the globe than artificial intelligence. Two key areas of artificial intelligence, machine learning and metaheuristic computation, have an enormous range of individual and combined applications in computer science and technology. To date, these two complementary paradigms have not always been treated together, despite the potential of a combined approach which maximizes

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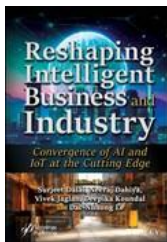
Artificial Intelligence-Based System Models in Healthcare

A. Jose Anand, K. Kalaiselvi, Jyotir Moy Chatterjee

Artificial Intelligence-Based System Models in Healthcare provides a comprehensive and insightful guide to the transformative applications of AI in the healthcare system.

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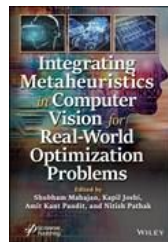


Reshaping Intelligent Business and Industry: Convergence of AI and IoT at the Cutting Edge

Surjeet Dalal, Neeraj Dahiya, Vivek Jaglan, Deepika Koundal, Dac-Nhuong Le

The convergence of Artificial Intelligence (AI) and Internet of Things (IoT) is reshaping the way industries, businesses, and economies function; the 34 chapters in this collection show how the full potential of these technologies is being enabled to create intelligent machines that simulate smart behavior and support decision-making with little or no human interference, thereby providing startling organizational efficiencies.

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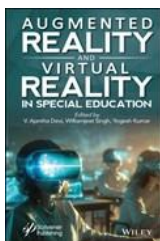
Integrating Metaheuristics in Computer Vision for Real-World Optimization Problems

Shubham Mahajan, Kapil Joshi, Amit Kant Pandit, Nitish Pathak

A comprehensive book providing high-quality research addressing challenges in theoretical and application aspects of soft computing and machine learning in image processing and computer vision.

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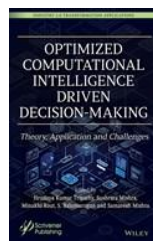
Augmented Reality and Virtual Reality in Special Education

V. Ajantha Devi, Williamjeet Singh, Yogesh Kumar

Discover the groundbreaking potential of augmented reality in special education with this comprehensive book, which fills a significant research gap and explores the transformative impact of AR/VR on teaching and learning experiences for individuals with disabilities.

Millions of young people across the world have impairments. Because of their apparent problems, these young people have typically been marginalized or excluded from schools. Studies on augmented reality applications in education for special children are still in their

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Optimized Computational Intelligence Driven Decision-Making: Theory, Application and Challenges

Hrudaya Kumar Tripathy, Sushruta Mishra, Minakhi Rout, S. Balamurugan, Samaresh Mishra

This book covers a wide range of advanced techniques and approaches for designing and implementing computationally intelligent methods in different application domains which is of great use to not only researchers but also academicians and industry experts.

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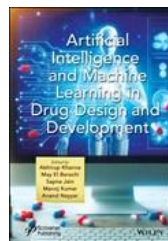
Deep Learning Techniques for Automation and Industrial Applications

Pramod Singh Rathore, Sachin Ahuja, Srinivasa Rao Burri, Ajay Khunteta, Anupam Baliyan, Abhishek Kumar

This book provides state-of-the-art approaches to deep learning in areas of detection and prediction, as well as future framework development, building service systems and analytical aspects in which artificial neural networks, fuzzy logic, genetic algorithms, and hybrid mechanisms are used.

Deep learning algorithms and techniques are found to be useful in various areas, such as automatic machine translation, automatic handwriting generation, visual recognition, fraud detection, and detecting developmental

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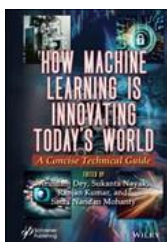
Artificial Intelligence and Machine Learning in Drug Design and Development

Abhirup Khanna, May El Barachi, Sapna Jain, Manoj Kumar, Anand Nayyar

The book is a comprehensive guide that explores the use of artificial intelligence and machine learning in drug discovery and development covering a range of topics, including the use of molecular modeling, docking, identifying targets, selecting compounds, and optimizing drugs.

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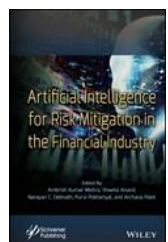
How Machine Learning is Innovating Today's World: A Concise Technical Guide

Arindam Dey, Sukanta Nayak, Ranjan Kumar, Sachi Nandan Mohanty

Provides a comprehensive understanding of the latest advancements and practical applications of machine learning techniques.

Machine learning (ML), a branch of artificial intelligence, has gained tremendous momentum in recent years, revolutionizing the way we analyze data, make predictions, and solve complex problems. As researchers and practitioners in the field, the editors of this book recognize the importance of disseminating knowledge and fostering collaboration to further advance this dynamic

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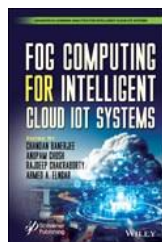
Artificial Intelligence for Risk Mitigation in the Financial Industry

Ambrish Kumar Mishra, Shweta Anand, Narayan C. Debnath, Purvi Pokhariyal, Archana Patel

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This book extensively explores the implementation of AI in the risk mitigation process and provides information for auditing, banking, and financial sectors on how to reduce risk and enhance effective reliability.

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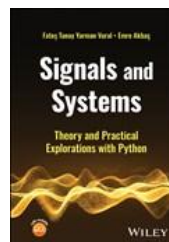
Fog Computing for Intelligent Cloud IoT Systems

Chandan Banerjee, Anupam Ghosh, Rajdeep Chakraborty, Ahmed A. Elngar

FOG COMPUTING FOR INTELLIGENT CLOUD IOT SYSTEMS

This book is a comprehensive guide on fog computing and how it facilitates computing, storage, and networking services

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Signals and Systems: Theory and Practical Explorations with Python

Fatos Tunay Yarman Vural, Emre Akbas

Introductory course textbook on signals and systems with numerous examples and code snippets implemented in Python

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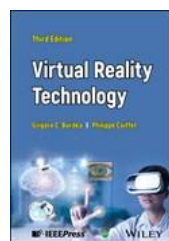
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Digital Presences of Organizations

Nathalie Pinède, Luc Massou, Patrick Mpondo-Dicka

Organizations communicate in complex and various ways, and the context is mainly characterized by the pervasiveness of the digital ecosystem, including the Web, social networks and the Internet of data. However, its information delivery cannot overlook the requirements of multicultural communications at a variety of levels.

Digital Presences of Organizations highlights the communication roadblocks faced by organizations as they emerge, arising not only from issues encountered on their own websites, but also as they construct online narratives. This multi-faceted and multi-strategy digital pres...



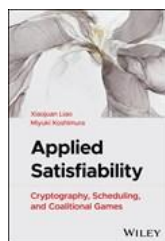
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Grigore C. Burdea, Philippe Coiffet

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Xiaojuan Liao, Miyuki Koshimura

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Applied Satisfiability: Cryptography, Scheduling, and



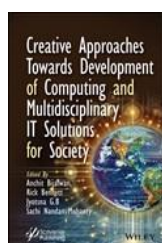
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Principles and Applications of Blockchain Systems: How to Overcome the CAP Trilemma in Consortium Blockchain

Hui Li, Han Wang

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Anchit Bijalwan, Rick Bennett, Jyotsna G. B., Sachi Nandan Mohanty

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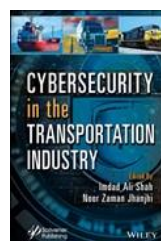
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Practical Cyber Intelligence: A Hands-on Guide to Digital Forensics

Adam Tilmar Jakobsen

Overview of the latest techniques and practices used in digital forensics and how to apply them to the investigative process

Practical Cyber Intelligence provides a thorough and practical introduction to the different tactics, techniques, and procedures that exist in the field of cyber investigation and cyber forensics to collect, preserve, and analyze digital evidence, enabling readers to understand the digital landscape and analyze legacy devices, current models, and models that may be created in the future. Readers will learn how to determine what evidence exists and how to



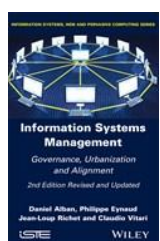
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Pub Date: 7/23/24
272 pages • Hardcover
Computers / Security /
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Encryption

Cybersecurity in the Transportation Industry

Imdad Ali Shah, Noor Zaman Jhanjhi

This book offers crucial solutions and insights on how transportation companies can enhance their cybersecurity management and protect their corporate reputation and revenue from the increasing risk of cyberattacks.

The movement of people and goods from one location to another has always been essential to human development and survival. People are now exploring new methods of carrying goods. Transportation infrastructure is critical to the growth of a global community that is more united and connected. The presented cybersecurity framework is an example of a risk-based method for managing cybe...



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Computers / Information
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Information Systems Management: Governance, Urbanization and Alignment (2nd Edition)

Daniel Alban, Philippe Eynaud, Jean-Loup Richet, Claudio Vitari

Information Systems Management is intended to sensitize the heads of organizations to the issues raised by information systems (IS). Through its pedagogical presentation, this book ensures that issues related to IS are not left solely to the experts in the field.

This book combines and analyzes three key concepts in IS science: governance, urbanization and alignment. While governance implies the implementation of a certain number of means, bodies and procedures to manage IS



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Management Information
Systems

Linking with Nature in the Digital Age

Émilie Kohlmann

The use of digital technology in our societies is growing to meet the ever-increasing challenges of data collection, raising awareness, education and understanding nature. Artificial intelligence, for example, appears to be the answer to collecting massive amounts of data on biodiversity at a global scale and facilitating citizen participation in such data collection.

Linking with Nature in the Digital Age explores the reconfiguration of our relationship with nature within this digital framework. This book examines this mediated linking from three angles. Firstly, it shows how digital technolo...



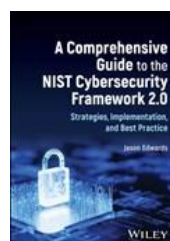
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Open-Source Security Operations Center (SOC): A Complete Guide to Establishing, Managing, and Maintaining a Modern SOC

Alfred Basta, Nadine Basta, Waqar Anwar, Mohammad Ilyas Essar

A comprehensive and up-to-date exploration of implementing and managing a security operations center in an open-source environment

In *Open-Source Security Operations Center (SOC): A Complete Guide to Establishing, Managing, and Maintaining a Modern SOC*, a team of veteran cybersecurity practitioners delivers a practical and hands-on discussion of how to set up and operate a security operations center (SOC) in a way that integrates



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A Comprehensive Guide to the NIST Cybersecurity Framework 2.0: Strategies, Implementation, and Best Practice

Jason Edwards

Learn to enhance your organization's cybersecurity through the NIST Cybersecurity Framework in this invaluable and accessible guide

The National Institute of Standards and Technology (NIST) Cybersecurity Framework, produced in response to a 2014 US Presidential directive, has proven essential in standardizing approaches to cybersecurity risk and producing an efficient, adaptable toolkit for meeting cyber threats. As these threats have multiplied and escalated in recent years, this framework has evolved to meet new

Systems Analysis and Design, with EEPUB Access: An Object-Oriented Approach with UML (7th Edition)

Alan Dennis, Binny Samuel, Barbara Wixom, David P. Tegarden, Roman Lukyanenko

Enables undergraduate students in systems analysis courses to do SAD—not just read about it, but understand the issues so they can analyze and design systems

Systems Analysis and Design: An Object-Oriented Approach with UML, Seventh Edition captures the dynamic aspects of the field by keeping students focused on doing SAD while presenting the core set of skills that every systems analyst needs to know today and in the



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Computers / Distributed
Systems

Resource Management on Distributed Systems: Principles and Techniques

Shikharesh Majumdar

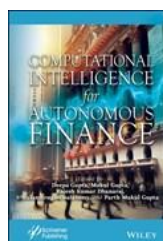
Comprehensive guide to the principles, algorithms, and techniques underlying resource management for clouds, big data, and sensor-based systems

Resource Management on Distributed Systems provides helpful guidance by describing algorithms and techniques for managing resources on parallel and distributed systems, including grids, clouds, and parallel processing-based platforms for big data analytics.

The book focuses on four general principles of resource management and their impact on system performance, energy usage, and cost, including end-of-chapter

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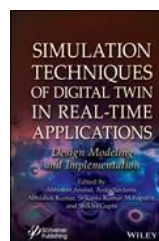
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Computational Intelligence for Autonomous Finance: Challenges and Future Directions

Deepak Gupta, Mukul Gupta, Rajesh Kumar Dhanaraj,
Balamurugan Balusamy, Parth M. Gupta

The book serves as an essential guide and a deep dive into the intersection of AI and finance, providing readers with a thorough understanding of the current state, challenges, and future possibilities of autonomous financial systems.

In the rapidly evolving domain of autonomous finance, the convergence of computational intelligence techniques and financial technologies has paved the way for a new era of financial services. This transformation is driven by the integration of artificial intelligence (AI), machine learning



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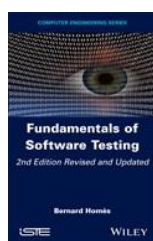
Simulation Techniques of Digital Twin in Real-Time Applications: Design Modeling and Implementation

Abhineet Anand, Anita Sardana, Abhishek Kumar, Srikanta
Kumar Mohapatra, Shikha Gupta

SIMULATION TECHNIQUES OF DIGITAL TWIN IN REAL-TIME APPLICATIONS

The book gives a complete overview of implementing digital twin technology in real-time scenarios while emphasizing how this technology can be embedded with running technologies to solve all other issues.

Divided into two parts with Part 1 focusing on simulated techniques in digital twin technology and Part 2 on



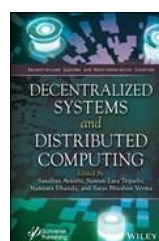
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Fundamentals of Software Testing (2nd Edition)

Bernard Homès

Software testing has greatly evolved since the first edition of this book in 2011. Testers are now required to work in "agile" teams and focus on automating test cases. It has thus been necessary to update this work, in order to provide fundamental knowledge that testers should have to be effective and efficient in today's world.

This book describes the fundamental aspects of testing in the different lifecycles, and how to implement and benefit from reviews and static analysis. Multiple other techniques are approached, such as equivalence partitioning, boundary value analysis, use case testing...



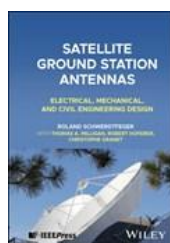
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Computers / Internet

Decentralized Systems and Distributed Computing

Sandhya Avasthi, Suman Lata Tripathi, Namrata Dhanda,
Satya Bhushan Verma

This book provides a comprehensive exploration of next-generation internet, distributed systems, and distributed computing, offering valuable insights into their impact on society and the future of technology.

The use of distributed systems is a big step forward in IT and computer science. As the number of tasks that depend on each other grows, a single machine can no longer handle all of them. Distributed computing is better than traditional computer settings in several ways.



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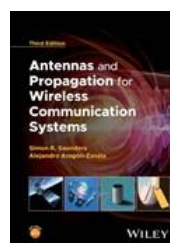
Satellite Ground Station Antennas: Electrical, Mechanical, and Civil Engineering Design

Roland Schwerdtfeger, Thomas A. Milligan, Robert Hoferer,
Christophe Granet

Understand all aspects of ground station design with this groundbreaking volume

A satellite ground station is a terrestrial station built to communicate or receive signals from spacecraft and other astronomical and interplanetary sources. Since ground stations are subject to weather and other terrestrial conditions, their operations can be unpredictable, and their design offers numerous challenges for engineers.

Satellite Ground Station Antennas constitutes the first-ever comprehensive overview of these challenges and the tools



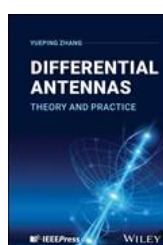
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752 pages • Hardcover
Technology & Engineering
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Antennas and Propagation for Wireless Communication Systems (3rd Edition)

Simon R. Saunders, Alejandro A. Aragón-Zavala

Comprehensive resource describing both fundamentals and practical industry applications of antennas and radio propagation employed in modern wireless communication systems

The newly revised and thoroughly updated Third Edition of this classic and popular text, *Antennas and Propagation for Wireless Communication Systems* addresses fundamentals and practical applications of antennas and radio propagation commonly used in modern wireless communication systems, from the basic electromagnetic principles to the characteristics of the technology employed



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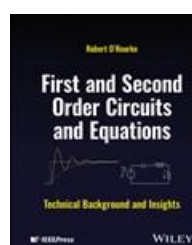
Differential Antennas: Theory and Practice

Yueping Zhang

A comprehensive introduction to the theory and practice of differential antennas

The first antennas ever created were differential antennas, in the dipole and loop constructions, before the subsequent creation of the single-ended or monopole antenna. Dozens of basic antenna configurations have been invented since then, the majority of them differential. The theory and design of differential antennas therefore has an impact on a huge range of fields which make use of electromagnetic waves.

Differential Antennas contains a thorough, comprehensive overview of these antennas, their theory, and the



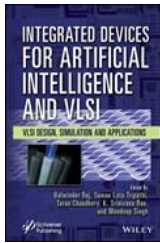
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First and Second Order Circuits and Equations: Technical Background and Insights

Robert O'Rourke

First and second order electric and electronic circuits contain energy storage elements, capacitors and inductors, fundamental to both time and frequency domain circuit response behavior, including exponential decay, overshoot, ringing, and frequency domain resonance.

First and Second Order Circuits and Equations provides an insightful and detailed learning and reference resource for circuit theory and its many perspectives and duals, such as voltage and current, inductance and capacitance, and serial and parallel. Organized and presented to make each



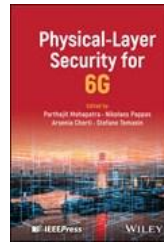
Integrated Devices for Artificial Intelligence and VLSI: VLSI Design, Simulation and Applications

Balwinder Raj, Suman Lata Tripathi, Tarun Chaudhary, K. Srinivasa Rao, Mandeep Singh

With its in-depth exploration of the close connection between microelectronics, AI, and VLSI technology, this book offers valuable insights into the cutting-edge techniques and tools used in VLSI design automation, making it an essential resource for anyone seeking to stay ahead in the rapidly evolving field of VLSI design.

Very large-scale integration (VLSI) is the inter-disciplinary science of utilizing advanced semiconductor technology to

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Technology & Engineering
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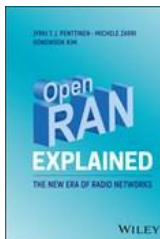
Physical-Layer Security for 6G

Parthajit Mohapatra, Nikolaos Pappas, Arsenia Chorti, Stefano Tomasin

Meet the wireless security challenges of the future with this key volume

The 6th generation of wireless communication technology—known as 6G—promises to bring both revolutionary advances and unique challenges. Secure communications will be harder than ever to achieve under the new integrated ground, air, and space networking paradigm, with increased connectivity creating the potential for increased vulnerability. Physical-layer security, which draws upon the physical properties of the channel or network to secure information, has emerged as a promising solution

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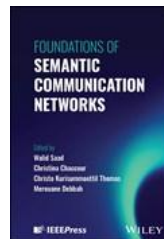
Open RAN Explained: The New Era of Radio Networks

Jyrki T. J. Penttinen, Michele Zarri, Dongwook Kim

Open RAN EXPLAINED
A pioneering outline of the concepts that enhance 5G capabilities to revolutionize the telecommunications industry.

Open radio-access network, or Open RAN, is a type of network architecture in which baseband and radio unit components from different suppliers can operate seamlessly in concert. Advances in network communication were, until recently, hampered by the proprietary network operations of each mobile operator; the advent of 5G, however, with its service-based

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Technology & Engineering
/ Telecommunications



Foundations of Semantic Communication Networks

Walid Saad, Christina Chaccour, Christo Kurisummoottil Thomas, Merouane Debbah

Comprehensive overview of the principles, theories, and techniques needed to build end-to-end semantic communication systems, with case studies included.

In this rapidly evolving landscape, the integration of connected intelligence applications highlights the pressing need for networks to gain intelligence in a non-siloed and ad hoc manner. The traditional incremental approach to network design is no longer sufficient to support the diverse and dynamic requirements of these emerging

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Technology & Engineering
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Artificial and Cognitive Computing for Sustainable Healthcare Systems in Smart Cities

Devasis Pradhan, Prasanna Kumar Sahu, Hla Myo Tun, Prasenjit Chatterjee

Artificial and Cognitive Computing for Sustainable Healthcare Systems in Smart Cities delves into the transformative potential of artificial and cognitive computing in the realm of healthcare systems, maintaining a specific emphasis on sustainability.

By exploring the integration of advanced technologies in smart cities, the authors examine and discuss how AI and cognitive computing can be harnessed to enhance healthcare delivery. The book provides focused navigation

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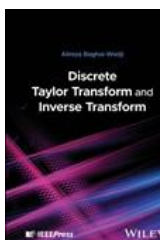
Metasurface-driven Electronic Warfare

Rafael Goncalves Licursi de Mello

Understand the metasurface revolution in electronic warfare

Electronic warfare (EW) ensures safe usage of the electromagnetic spectrum by one's own forces while denying it to adversaries. Modern warfare is an extraordinarily fluid and dynamic activity, with numerous involved systems reconfigurable at the front or back ends. Metasurfaces, however, are artificially engineered surfaces that promise to take this dynamism to unprecedented levels by making platforms (aircraft, vessels, etc.) and the environment itself reconfigurable – a revolution that even major EW authorities have yet to fully com...

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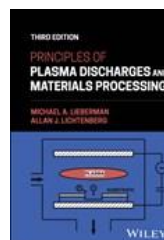
Discrete Taylor Transform and Inverse Transform

Alireza Baghai-Wadji

Revolutionize the calculation of mixed derivatives with this groundbreaking text

Transform and inverse transform techniques, such as the Fourier transform and the Laplace transform, enable scientists and engineers to conduct research and design in transformed domains where the work is simpler, after which the results can be converted back into the real domain where they can be applied or actualized. This latter stage in the process, the inverse transform, ordinarily poses significant challenges. New transform/inverse transform techniques carry extraordinary potential to

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Principles of Plasma Discharges and Materials Processing (3rd Edition)

Michael A. Lieberman, Allan J. Lichtenberg

A new edition of this industry classic on the principles of plasma processing

Plasma-based technology and materials processes have been central to the revolution of the last half-century in micro- and nano-electronics. From anisotropic plasma etching on microprocessors, memory, and analog chips, to plasma deposition for creating solar panels and flat-panel displays, plasma-based materials processes have reached huge areas of technology. As key technologies scale down in size from the nano- to the atomic level, further developments in plasma materials processing will only

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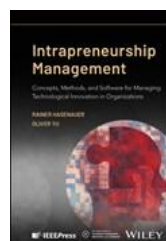
Future-Oriented Technology Assessment: A Manager's Guide with Case Applications

Haydar Yalcin, Tugrul U. Daim

Comprehensive resource explaining how to evaluate technologies for different purposes in any industry using four different practical approaches

Future-Oriented Technology Assessment offers a comprehensive view of technology assessment structured into three different practical approaches: Technology Evaluation, Technology Roadmapping, and Technology Intelligence.

The first four chapters include studies which utilize technology gap analysis, multiple criteria decision analysis, expert assessment or quantification or neural networks to



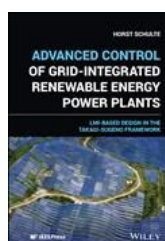
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Intrapreneurship Management: Concepts, Methods, and Software for Managing Technological Innovation in Organizations

Rainer Hasenauer, Oliver Yu

Develop and deploy industry-leading ideas with this groundbreaking management toolkit

The universal modern image of an innovator is a technological entrepreneur, who conceives and develops their groundbreaking ideas outside an existing institution and only subsequently builds infrastructure around it. In reality, however, the bulk of technological innovation comes through Intrapreneurship: innovation that takes place inside an existing organization, taking advantage of the institutional support and economies of scale provided



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Advanced Control of Grid-Integrated Renewable Energy Power Plants: LMI-based Design in the Takagi-Sugeno Framework

Horst Schulte

Presents the principles, derivations, and equations of renewable energy power plants, including MATLAB code

Advanced Control of Grid-Integrated Renewable Energy Power Plants presents a comprehensive introduction to the power system dynamics and stability of renewable energy power plants (RPPs), such as wind turbines, wind power plants, and photovoltaic systems. The author—a noted expert on the topic—takes a rigorous approach to the analysis and modelling of RPPs, such as turbine rotors, PV



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Computers / Human-Computer Interaction
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Computer-Supported Collaboration: Theory and Practice

Weidong Huang, Mark Billingham, Leila Alem, Chun Xiao, Troels Rasmussen

Discover the latest developments in AR, VR, mobile, and wearable technologies for the remote guidance of physical tasks

In *Computer-Supported Collaboration: Theory and Practice*, an expert team of researchers delivers the latest instruction in using augmented reality (AR), virtual reality (VR), and mobile or wearable technology to support remote guidance on physical tasks. The authors offer an overview of the field before moving on to discuss state-of-the-art research developments in everything from



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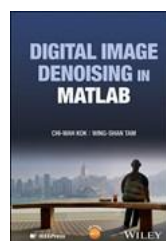
Coding Video: A Practical Guide to HEVC and Beyond

Iain E. Richardson

A fully up-to-date guide to transformative consumer technologies

Video compression – or video coding – has been at the centre of a revolution in the way video is produced, delivered, and consumed. It has made the switch from analogue to digital video possible and has enabled fundamental shifts in the way we now watch video. New video compression standards, together with adaptive streaming protocols, are used to deliver high-quality video to homes and workplaces around the world.

Coding Video provides a practical and comprehensive



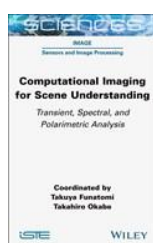
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Digital Image Denoising in MATLAB

Chi-Wah Kok, Wing-Shan Tam

Presents a review of image denoising algorithms with practical MATLAB implementation guidance

Digital Image Denoising in MATLAB provides a comprehensive treatment of digital image denoising, containing a variety of techniques with applications in high-quality photo enhancement as well as multi-dimensional signal processing problems such as array signal processing, radar signal estimation and detection, and more. Offering systematic guidance on image denoising in theories and in practice through MATLAB, this hands-on guide includes practical examples, chapter summaries, analytical and programm...



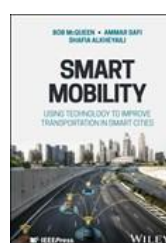
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352 pages • Hardcover
Computers / Image Processing

Computational Imaging for Scene Understanding: Transient, Spectral, and Polarimetric Analysis

Takuya Funatomi, Takahiro Okabe

Most cameras are inherently designed to mimic what is seen by the human eye: they have three channels of RGB and can achieve up to around 30 frames per second (FPS).

However, some cameras are designed to capture other modalities: some may have the ability to capture spectra from near UV to near IR rather than RGB, polarimetry, different times of light travel, etc. Such modalities are as yet unknown, but they can also collect robust data of the scene they are capturing.



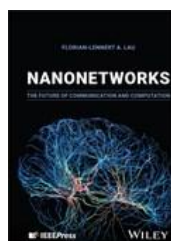
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Technology & Engineering
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Smart Mobility: Using Technology to Improve Transportation in Smart Cities

Bob McQueen, Ammar Safi, Shafia Alkheyaili

Comprehensive learning resource providing a framework for successful application of advanced transportation technologies in urban areas

Smart Mobility: Using Technology to Improve Transportation in Smart Cities addresses the nature and characteristics of smart cities, providing a focus on smart mobility within urban areas and the opportunities and challenges associated with the application of advanced transportation technologies. The three highly qualified authors include an emphasis on decarbonization possibilities and the potential for smart mobility to reduce



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Nanonetworks: The Future of Communication and Computation

Florian-Lennert A. Lau

Learn the basics—and more—of nanoscale computation and communication in this emerging and interdisciplinary field

The field of nanoscale computation and communications systems is a thriving and interdisciplinary research area which has made enormous strides in recent years. A working knowledge of nanonetworks, their conceptual foundations, and their applications is an essential tool for the next generation of scientists and network engineers. *Nanonetworks: The Future of Communication and Computation* offers a thorough, accessible overview of this



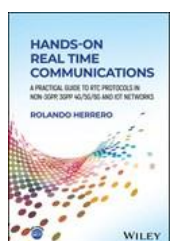
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Computers / Networking
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Mobile Communication Systems for Private Networks

Srinivasan Balasubramanian

Understand the role of network communications in the private sector with this timely guide

4G and 5G wireless communication technologies have come to dominate network communications in recent years, and their expansion is only continuing. Most existing treatments of this key subject, however, deal with large-scale public networks, not the private networks whose deployment constitutes one of the major current growth areas in wireless technology. There is an urgent need for a guide to network communication deployment specifically for private enterprises.



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Communications

Hands-On Real Time Communications: A Practical Guide to RTC Protocols in Non-3GPP, 3GPP 4G/5G/6G and IoT Networks

Rolando Herrero

Understand and deploy RTC protocols for any kind of communication system

Since the emergence of Voice over IP (VoIP) communications in the late 1990s, a set of real time communication (RTC) protocols has evolved that together now support an immense range of technologies and systems architectures. Whether it's 5G networks (and beyond) or Internet of Things architectures, RTC protocols are indispensable to modern telecommunications. An understanding of these protocols and their design and



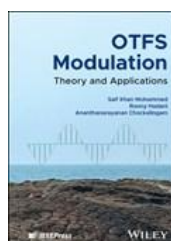
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Edge Computing Acceleration: From 5G to 6G and Beyond

Patrick Hung, Hongwei Kan, Greg Knopf

Discover the latest advances in computer architecture and software at the dawn of the 5G/6G era

In *Edge Computing Acceleration: From 5G to 6G and Beyond*, distinguished researchers Dr. Patrick Hung, Hongwei Kan, and Greg Knopf deliver a comprehensive overview of personal computer architecture and software design usage in the upcoming 5G decade. The authors begin by introducing key components and exploring different hardware acceleration architectures. They move on to discuss 5G data security and data integrity and offer



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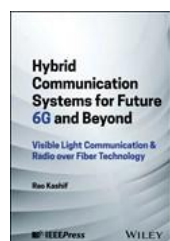
OTFS Modulation: Theory and Applications

Saif Khan Mohammed, Ronny Hadani, Ananthanarayanan Chockalingam

Grasp the future of wireless communication with this groundbreaking introduction

Research and development are already underway on the sixth generation (6G) of wireless communication technology. The new requirements of 6G that arise from challenging new use cases render physical layer waveforms such as CDMA and OFDM inadequate. The OTFS waveform answers these new requirements, and recent research suggests it will play a decisive role in the future of wireless communication.

OTFS Modulation: Theory and Applications provides the



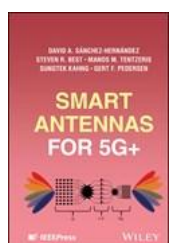
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Technology & Engineering
/ Radio

Hybrid Communication Systems for Future 6G and Beyond: Visible Light Communication & Radio over Fiber Technology

Rao Kashif

Comprehensive guide to hybrid communication systems using visible light communication, radio over fiber, and auto channel switching technologies

Hybrid Communication Systems for Future 6G and Beyond explores the future of wireless communication and discusses how we can create more efficient and reliable ways to communicate by unlocking the potential of three specific technologies: visible light communication (VLC), radio over fiber (RoF) technology, and auto channel switching.



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Communications

Smart Antennas for 5G+

David A. Sánchez-Hernández, Steven R. Best, Manos M. Tentzeris, Sungtek Kahng, Gert F. Pedersen

Comprehensive reference text for the development of advanced antenna systems for 5G and beyond

Smart Antennas for 5G+ addresses the transformation that simple, conventional antennas have gone through to fulfill the complex and challenging performance expectations of 5G wireless communications and beyond. It also describes the 5G physical layer including the gNodeB, basics of the propagation channel, and user equipment (UE) specific antenna aspects. The authors present various broadband antennas covering mmW bands for 5G+ and B5G applications, explore recent



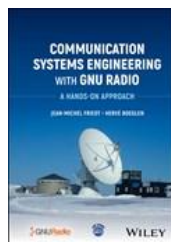
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IoT Signal Detection

Rui Han, Jingjing Wang, Lin Bai, Jianwei Liu

Comprehensive reference covering signal detection for random access in IoT systems from the beginner to expert level

With a carefully balanced blend of theoretical elements and applications, *IoT Signal Detection* is an easy-to-follow presentation on signal detection for IoT in terms of device activity detection, sparse signal detection, collided signal detection, round-trip delay estimation, and backscatter signal division, building progressively from basic concepts and important background material up to an advanced understanding of the subject. Various signal detection and estimation techniques...



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Communication Systems Engineering with GNU Radio: A Hands-on Approach

Jean-Michel Friedt, Herve Boeglen

An approachable guide to an invaluable radio frequency communication toolkit

Software-defined radio (SDR), which emerged in the 1990s, has become a core development method in certain high-profile fields, including military and space communications. High cost and problems with hardware availability, however, prevented this technology from being widely disseminated. The advent of low-cost hardware beginning in the 2010s, however, has made GNU Radio—the leading open-source software toolkit for developing SDR systems—an increasingly viable and even



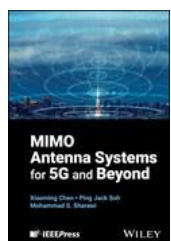
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Communications

Wireless Semantic Communications: Concepts, Principles, and Challenges

Yao Sun, Lan Zhang, Dusit Niyato, Muhammad Ali Imran

Understand the cutting-edge technology of semantic communications and its growing applications

Semantic communications constitute a revolution in wireless technology, combining semantic theory with wireless communication. In a semantic communication, essential information is encoded at the source, drastically reducing the required data usage, and then decoded at the destination in such a way that all key information is recovered, even if transmission is damaged or incomplete. Enhancing the correspondence between background



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MIMO Antenna Systems for 5G and Beyond

Xiaoming Chen, Ping Jack Soh, Mohammad S. Sharawi

Discover current design practices and performance metrics in this comprehensive guide to the latest methods of developing MIMO antenna systems

Multiple-input multiple-output (MIMO) antenna systems use multiple sets of antennas to increase the capacity of a radio link, or to send and receive multiple simultaneous data signals over the same radio channel. It's become an increasingly integral part of wireless and mobile data networks, from the earliest generations of wireless internet to cutting-edge 5G systems. The coming 6G networks will also rely on 6G antenna systems, making it all the more C...



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Next Generation of Bluetooth and Wi-Fi

Keunwoo Lim

This book helps readers to understand the past (overview of technologies), current (how they are evolving) and the future (adaptation to new trends) of two representative communication technologies, Wi-Fi and Bluetooth.

Wi-Fi and Bluetooth are technologies that are very familiar to us in our everyday lives. However, these technologies have evolved throughout the years to meet the continuously changing demands of users. Evolution of these technologies can be difficult to understand, even for professionals in the field of computer science and engineering, due to the extensiveness and complexity ...



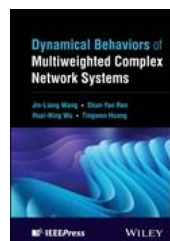
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Communications

Integration of MTC and Satellites for IoT toward 6G Era

Hirley Alves, Konstantin Mikhaylov, Marko Hoyhtya

Comprehensive and authoritative resource paving the way for the integration of machine-type communications (MTC) and satellite connectivity toward 6G era

This book focuses on the integration of machine-type communications (MTC) and satellite connectivity toward the 6th generation of mobile systems (i.e., the "6G"). Integrating these two technologies, especially within the emerging direct-to-satellite (DtS) concept employing direct connectivity between an MTC terminal and a satellite-based gateway, will be critical in enabling the



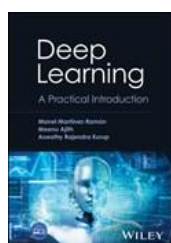
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Dynamical Behaviors of Multiweighted Complex Network Systems

Jin-Liang Wang, Shun-Yan Ren, Huai-Ning Wu, Tingwen Huang

Highly comprehensive resource for studying neural networks, complex networks, synchronization, passivity, and associated applications

Dynamical Behaviors of Multiweighted Complex Network Systems discusses the dynamical behaviors of various multiweighted complex dynamical networks, with detailed insight on synchronization for directed and undirected complex networks (CNs) with multiple state or delayed state couplings subject to recoverable attacks, along with passivity and synchronization for coupled neural networks



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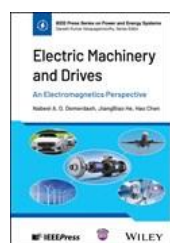
Deep Learning: A Practical Introduction

Manel Martinez-Ramon, Meenu Ajith, Aswathy Rajendra Kurup

An engaging and accessible introduction to deep learning perfect for students and professionals

In *Deep Learning: A Practical Introduction*, a team of distinguished researchers delivers a book complete with coverage of the theoretical and practical elements of deep learning. The book includes extensive examples, end-of-chapter exercises, homework, exam material, and a GitHub repository containing code and data for all provided examples.

Combining contemporary deep learning theory with state-of-the-art tools, the chapters are structured to maximize



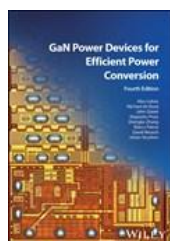
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Electric Machinery and Drives: An Electromagnetics Perspective

Nabeel A. O. Demerdash, JiangBiao He, Hao Chen

Comprehensive resource on the fundamentals of electric machinery and variable speed drives, and their many conventional and emerging applications

Electric Machinery and Drives: An Electromagnetics Perspective provides advanced concepts of electrical machinery with control/drives and emphasizes the necessity of integration of power electronics and control strategy when studying modern electrical machinery. The text incorporates the fundamentals of electric machinery, variable speed drives, and motor controls, with the scope of including both the introduction of detailed operating



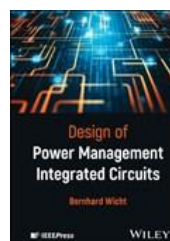
GaN Power Devices for Efficient Power Conversion (4th Edition)

Alex Lidow, Michael de Rooij, John Glaser, Alejandro Pozo, Shengke Zhang, Marco Palma, David Reusch, Johan Strydom

An up-to-date and concise review of GaN transistor design and applications

In the newly revised fourth edition of *GaN Power Devices for Efficient Power Conversion*, a team of distinguished researchers and practicing engineers deliver a concise and effective new guide to designing small, energy-efficient, and inexpensive products with GaN transistors. This new edition covers all relevant new GaN technology advancements, allowing students and practicing engineers

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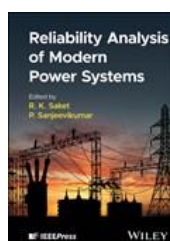
Design of Power Management Integrated Circuits

Bernhard Wicht

Design of Power Management Integrated Circuits Comprehensive resource on power management ICs affording new levels of functionality and applications with cost reduction in various fields

Design of Power Management Integrated Circuits is a comprehensive reference for power management IC design, covering the circuit design of main power management circuits like linear and switched-mode voltage regulators, along with sub-circuits such as power switches, gate drivers and their supply, level shifters, the error amplifier, current sensing, and control loop design.

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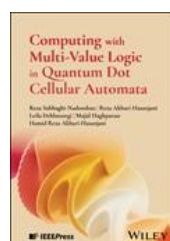
Reliability Analysis of Modern Power Systems

R. K. Saket, P. Sanjeev Kumar

A reader-friendly introduction to reliability analysis and its power systems applications

The subset of probability theory known as reliability theory analyzes the likelihood of failure in a given component or system under given conditions. It is a critical aspect of engineering as it concerns systems of all kinds, not least modern power systems, with their essential role in sustaining the technologies on which modern life relies. *Reliability Analysis of Modern Power Systems* is a thorough, accessible book introducing the core concepts of reliability theory as they apply to power systems engine...

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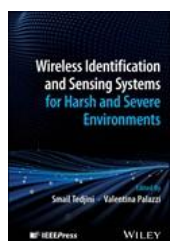
Computing with Multi-Value Logic in Quantum Dot Cellular Automata

Reza Sabbaghi-Nadooshan, Reza Akbari-Hasanjani, Leila Dehbozorgi, Majid Haghparsat, Hamid Reza Akbari-Hasanjani

Meet the latest challenges in quantum computing with this cutting-edge volume

Miniaturization is one of the major forms (and drivers) of innovation in electronics and computing. In recent years, the rapid reduction in the size of semiconductors and other key elements of digital technology has created major challenges, which new technologies are being continuously mobilized to meet. Quantum dot cellular automata (QCA) is a technology with huge potential to meet these

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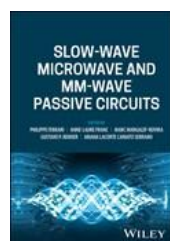
Wireless Identification and Sensing Systems for Harsh and Severe Environments

Smail Tedjini, Valentina Palazzi

Comprehensive resource reviewing the state of the art in wireless identification and sensing systems, proposing several examples of applications

While complying with RF standard and regulations, *Wireless Identification and Sensing Systems for Harsh and Severe Environments* covers the recent advances in wireless and radio-frequency identification (RFID) systems where severe electromagnetic behavior and harsh conditions are taken into consideration, providing the reader with design rules and methodologies to obtain satisfactory performance and avoid the typical oversights

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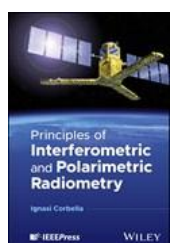
Slow-wave Microwave and mm-wave Passive Circuits

Philippe Ferrari, Anne-Laure Franc, Marc Margalef-Rovira, Gustavo P. Rehder, Ariana Lacorte Caniato Serrano

Comprehensive resource presenting the fundamentals and state of the art concepts, design examples, relevant components, and technology

Slow-wave Microwave and mm-wave Passive Circuits presents the fundamentals and state of the art concepts, design examples, relevant components, and technology of the subject, plus examples of circuit layout optimization using slow-wave circuits. Recent advances in aspects of the slow-wave concept are covered, with potential applications including automotive radars, medical and

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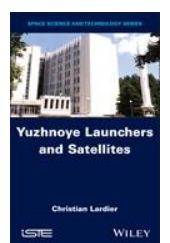
Principles of Interferometric and Polarimetric Radiometry

Ignasi Corbella

An overview of increasingly indispensable radiometric technologies

Microwave radiometers have become a central part of Earth observation and radioastronomy. Most existing reference works on the subject, however, largely omit two key types of radiometers: interferometric radiometers and polarimetric radiometers. The extensive applications of these two classes of radiometer and their potential for mapping distant celestial bodies and enhancing Earth observation has made it critical for the next generation of radiometric scientists and engineers to be familiar with this

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Yuzhnoye Launchers and Satellites

Christian Lardier

The OKB-586/Yuzhnoye design office, located in Dnipro, Ukraine, has developed a large number of military rockets, space launchers and satellites, including the Cosmos and Intercosmos series. Thousands of Yuzhnoye rockets and satellites have been mass-produced by Factory No. 586/YuzhMach. This company celebrated its 70th anniversary in 2021, and was run from 1954 to 1971 by Mikhail Yangel, one of the three great Soviet creators of cosmic rocket technology, alongside Sergei Korolev and Vladimir Chelomey.

Yuzhnoye Launchers and Satellites covers 40 years of programs carried out during the Soviet ...

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Biosensors: Nanomaterials, Approaches, and Performance-Enhancement Strategies

Baljinder Kaur, Santosh Kumar, Brajesh Kumar Kaushik

Comprehensive resource covering new technologies, materials, strategies, and recent advancements in the field of biosensing

Biosensors summarizes cutting-edge technologies in biosensing, including gene editing (known as Clustered Regularly Interspaced Short Palindromic Repeat or CRISPR), quorum sensing utilizing inter and intra cell signals, two-dimensional (2D) materials and aptamer-mediated sensor designs, and more, with additional coverage of the latest materials, strategies, and advancements made in the field.



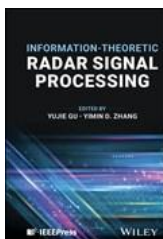
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Smart Sensors for Industry 4.0: Fundamentals, Fabrication and IIoT Applications

Brojo Kishore Mishra, Sandipan Mallik, Dac-Nhuong Le

Discover the essential guide to harnessing the power of cutting-edge smart sensors in Industry 4.0, offering deep insights into fundamentals, fabrication techniques, and real-world IIoT applications, equipping you with the knowledge to revolutionize your industrial processes and stay ahead in the digital era.

Over the last decade, technologies like the Internet of Things (IoT), big data, cloud computing, blockchain, artificial intelligence (AI), machine learning, device automation, smart sensors, etc., have become highly



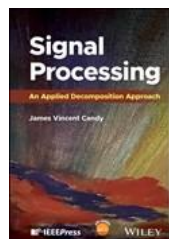
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Information-Theoretic Radar Signal Processing

Yujie Gu, Yimin D. Zhang

A comprehensive introduction to the emerging research in information-theoretic radar signal processing

Signal processing plays a pivotal role in radar systems to estimate, visualize, and leverage useful target information from noisy and distorted radar signals, harnessing their spatial characteristics, temporal features, and Doppler signatures. The burgeoning applications of information theory in radar signal processing provide a distinct perspective for tackling diverse challenges, including optimized waveform design, performance bound analysis,



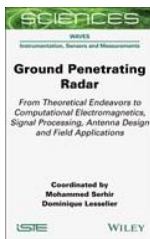
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Signal Processing: An Applied Decomposition Approach

James Vincent Candy

Separate signals from noise with this valuable introduction to signal processing by applied decomposition

The decomposition of complex signals into the sub-signals, or individual components, is a crucial tool in signal processing. It allows each component of a signal to be analyzed individually, enables the signal to be isolated from noise, and processed in full. Decomposition processes have not always been widely adopted due to the difficult underlying mathematics and complex applications. This text simplifies these obstacles.



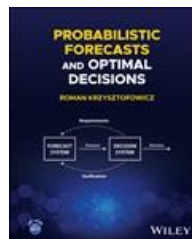
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Ground Penetrating Radar: From Theoretical Endeavors to Computational Electromagnetics, Signal Processing, Antenna Design and Field Applications

Mohammed Serhir, Dominique Lesselier

This book offers an overview of modern advances in Ground Penetrating Radar (GPR) for the reader hoping to understand comprehensive electromagnetic culture, combining instrumental development of radar, signal processing, imaging, and calibration/correction of measured data.

GPR has a multi-disciplinary character that can bring together a diverse and broad community. Of concern are the design and optimization of innovative radars, by virtue



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Probabilistic Forecasts and Optimal Decisions

Roman Krzysztofowicz

Account for uncertainties and optimize decision-making with this thorough exposition

Decision theory is a body of thought and research seeking to apply a mathematical-logical framework to assessing probability and optimizing decision-making. It has developed robust tools for addressing all major challenges to decision making. Yet the number of variables and uncertainties affecting each decision outcome, many of them beyond the decider's control, mean that decision-making is far from a 'solved problem'. The tools created by decision theory remain to be refined and applied to



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Architecting Resilient Systems (2nd Edition)

Scott Jackson

A comprehensive text that investigates a systematic approach to handling the design of resilient systems

Resilient systems are an essential bulwark to enable the capability of a system against unprecedented adversities. Systems may include transportation, such as aircraft and rail, power systems, and urban infrastructure. Resilience may enable the preservation of physical assets and human lives. It can also require architectural restructuring of the system itself or simple measures, such as an increase in design margin.

Architecting Resilient Systems creates a comprehensive

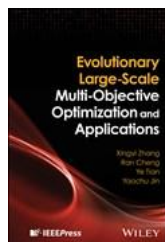


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Connected Innovation and Technology X.0 1: Advancing Digital Transformation: Innovative Strategies for Smart Industry and Sustainable Innovation

Farouk Yalaoui, Nhan-Quy Nguyen, Yassine Ouazene, Maria Zemzami, Leila Merghem-Boulahia

Connected Innovation and Technology X.0 1 studies the development of industry and logistics through digital technologies, presenting novel approaches to efficiency and innovation. It highlights the core of Industry X.0, showing how the digital transformation of business models, the focus on human-centric experiences and the application of advanced technologies all drive growth across various fields.



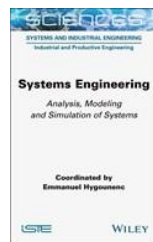
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Evolutionary Large-Scale Multi-Objective Optimization and Applications

Xingyi Zhang, Ran Cheng, Ye Tian, Yaochu Jin

Tackle the most challenging problems in science and engineering with these cutting-edge algorithms

Multi-objective optimization problems (MOPs) are those in which more than one objective needs to be optimized simultaneously. As a ubiquitous component of research and engineering projects, these problems are notoriously challenging. In recent years, evolutionary algorithms (EAs) have shown significant promise in their ability to solve MOPs, but challenges remain at the level of large-scale multi-objective optimization problems (LSMOPs), where



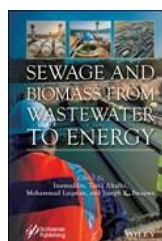
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Science / System Theory

Systems Engineering: Analysis, Modeling and Simulation of Systems

Emmanuel Hygounenc

This book is intended for students, teachers, researchers, engineers and project managers wishing to understand and implement systems engineering into their work. Based on numerous bibliographical sources, it provides coherent and accessible information, complemented with numerous illustrations. Systems Engineering will enable the reader to not only understand but also master the development cycle of a system, as well as gain an in-depth understanding of the associated terminology.

An introduction to systems theory is presented first, clarifying what is meant by a complex system. The book



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Science / Energy

Sewage and Biomass from Wastewater to Energy: Possibilities and Technology

Inamuddin, Tariq Altalhi, Mohammad Luqman, Joseph K. Bwapwa

Written and edited by a team of industry experts, this exciting new volume covers clean energy production from sewage and biomass while achieving a zero-waste strategy.

Wastewater treatment plants are critical in protecting both the environment's resources and human health. A wastewater treatment plant's technological system focuses not only on the effectiveness of the treatment but on the costs and energy consumption of the entire system. Municipal wastewater treatment produces a significant



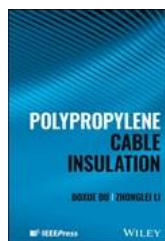
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Technology & Engineering
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Smart Cyber-Physical Power Systems, Volume 1: Fundamental Concepts, Challenges, and Solutions

Ali Parizad, Hamid Reza Baghaee, Saifur Rahman

Authoritative, highly comprehensive guide on how emerging technologies can address various challenges in different sectors of smart cyber-physical power systems

As the world shifts towards smarter and more resilient energy systems, cyber-physical power systems (CPSs) represent a critical step in modernizing the power infrastructure. *Smart Cyber-Physical Power Systems, Volume 1: Fundamental Concepts, Challenges, and Solutions*, offers an in-depth exploration of the



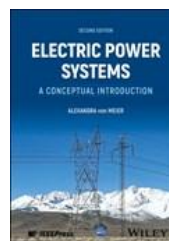
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Polypropylene Cable Insulation

Boxue Du, Zhonglei Li

An introduction to a cutting-edge, environmentally friendly insulation material

The installation and maintenance of high-voltage cables is an infrastructure problem with potentially major environmental impacts. In recent years, polypropylene has emerged as an environmentally friendly material for insulating high-voltage cables, particularly HVDC power cables and HVAC power cables. *Polypropylene Cable Insulation* begins with an introduction to high-voltage cables and the development of polypropylene insulation before describing the dielectric properties and applications of this insulation in bot...



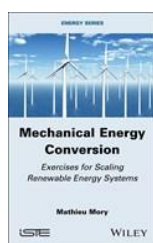
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Electric Power Systems: A Conceptual Introduction (2nd Edition)

Alexandra von Meier

Discover the technology for producing and delivering electricity in this easily accessible introduction to power systems

Electric Power Systems underlie virtually every aspect of modern life. In the face of an unprecedented transition from fossil fuels to clean energy, it has never been more essential for engineers and other professionals from diverse disciplines to understand the electric grid and help chart its future. Since its original publication, *Electric Power Systems* has served as a uniquely accessible and qualitative introduction to the subject, offering a



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Mechanical Energy Conversion: Exercises for Scaling Renewable Energy Systems

Mathieu Mory

This book studies the principles of mechanical energy conversion used in renewable energy sources derived from air and water: wind power, tidal power, hydroelectric power, osmotic energy, ocean thermal energy and wave energy.

Mechanical Energy Conversion presents twelve application exercises and their answers. They enable the reader to first understand the physical principles of mechanical energy converters and then learn the method for sizing them. The book also reinforces the concepts of fluid mechanics and hydraulic turbo machinery, which are

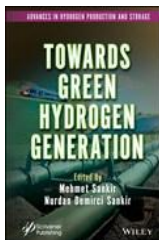


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784 pages • Hardcover
Technology & Engineering
/ Systems Engineering

Smart Grids as Cyber Physical Systems, 2 Volume Set

O. V. Gnana Swathika, K. Karthikeyan, P. Sanjeevikumar

Smart Grids as Cyber Physical Systems, a new two-volume set from Wiley-Scrivener, provides a comprehensive overview of the fundamental security of supervisory control and data acquisition (SCADA) systems, offering clarity on specific operating and security issues that may arise that deteriorate the overall operation and efficiency of smart grid systems. It also provides techniques to monitor and protect systems, as well as aids for designing a threat-free system. This title discusses how artificial intelligence (AI) may be extensively deployed in the prediction of energy generation, electric ...



Towards Green Hydrogen Generation

Mehmet Sankir, Nurdan Demirci Sankir

Readers will find a multidisciplinary approach elucidating all the important features of green hydrogen so that science researchers and energy engineers as well as those in economics, political science and international relations, will also find value.

Energy sources and generation is the foremost concern of all governments, NGOs, and activist groups. With Green New Deals and reduced or net zero emission goals being implemented on a global scale, the quest for economic, scalable, efficient, and sustainable energy systems has reached a fever pitch. No one energy source ticks all the

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Architecture /
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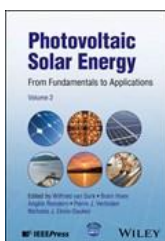
Solar Energy Concentrators: Essentials and Applications

Inamuddin, Tariq Altalhi, Mohammad Luqman

Discover the latest techniques and applications for solar energy concentrators in this essential guide for academics, researchers, environmentalists, and professionals seeking to harness the power of solar energy while reducing environmental impact and costs.

This book is centered on contemporary fundamental techniques for collecting solar radiation and the prospective applications that show how solar energy concentrators (SEC) can be used in a variety of systems and may provide significant economic and environmental benefits.

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Science / Energy



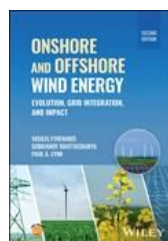
Photovoltaic Solar Energy: From Fundamentals to Applications, Volume 2

Wilfried van Sark, Bram Hoex, Angèle Reinders, Pierre J. Verlinden, Nicholas J. Ekins-Daukes

Photovoltaic Solar Energy Thoroughly updated overview of photovoltaic technology, from materials to modules and systems

Volume 2 of *Photovoltaic Solar Energy* provides fundamental and contemporary knowledge about various photovoltaic technologies in the framework of material science, device physics of solar cells, chemistry for manufacturing, engineering of PV modules, and the design aspects of photovoltaic applications, with the aim of

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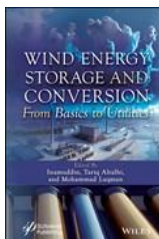
Onshore and Offshore Wind Energy: Evolution, Grid Integration, and Impact (2nd Edition)

Vasilis M. Fthenakis, Subhamoy Bhattacharya, Paul A. Lynn

Highly accessible and authoritative account of how wind energy is safely harnessed to address the ever-pressing climate and energy challenges

Onshore and Offshore Wind Energy provides an in-depth treatment of wind energy's scientific background, current technology, and international status, with an emphasis on large turbines and wind farms, both onshore and offshore. In the newly revised second edition, highly qualified authors include technological advances in the field

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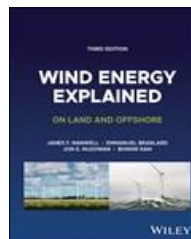
Wind Energy Storage and Conversion: From Basics to Utilities

Inamuddin, Tariq Altalhi, Mohammad Luqman

This book provides a comprehensive guide to the benefits and developments of wind energy, including energy storage and conversion methods, making it a must-read for those interested in sustainable energy.

By going through this book, one can learn more about the usefulness of adopting renewable energies, particularly in light of the widespread use of wind-based devices. Here, we present an in-depth presentation of several developments in wind technological systems, focusing on applications and operational approaches.

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Wind Energy Explained: On Land and Offshore (3rd Edition)

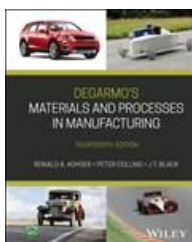
James F. Manwell, Emmanuel Branlard, Jon G. McGowan, Bonnie Ram

Authoritative and bestselling textbook detailing the many aspects of using wind as an energy source

Wind Energy Explained provides complete and comprehensive coverage on the topic of wind energy, starting with general concepts like the history of and rationale for wind energy and continuing into specific technological components and applications along with the new recent developments in the field.

Divided into 16 chapters, this edition includes up-to-date data, diagrams, and illustrations, boasting an impressive

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Science / Energy



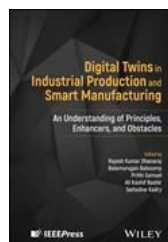
DeGarmo's Materials and Processes in Manufacturing (14th Edition)

Ronald A. Kohser, Peter C. Collins, J. T. Black

Classic textbook introducing key concepts in manufacturing with a focus on practical applications, updated to include the latest industry developments.

For over 65 years, *DeGarmo's Materials and Processes in Manufacturing* has comprehensively presented both traditional and new manufacturing materials, processes, and systems in a descriptive, non-mathematical manner. Students are first introduced to a range of engineering materials, including metals, plastics and polymers, ceramics, and composites. The processes used to convert

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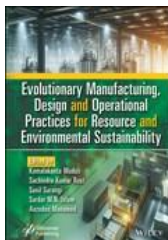
Digital Twins in Industrial Production and Smart Manufacturing: An Understanding of Principles, Enhancers, and Obstacles

Rajesh Kumar Dhanaraj, Balamurugan Balusamy, Prithi Samuel, Ali Kashif Bashir, Seifedine Kadry

Comprehensive reference exploring the benefits and implementation of digital twins in industrial production and manufacturing

Digital Twins in Industrial Production and Smart Manufacturing provides an overview of digital twin theoretical concepts, techniques, and recent trends used to meet the requirements and challenges of industrial production and smart manufacturing. The text describes how to achieve industrial excellence through virtual factory

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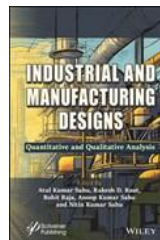
Evolutionary Manufacturing, Design and Operational Practices for Resource and Environmental Sustainability

Kamalakanta Muduli, Sachindra Kumar Rout, Sunil Sarangi, Sardar M. N. Islam, Aezeden Mohamed

This book highlights the important use of digital technologies and the latest developments in mechanical and industrial engineering to enhance environmental and resource sustainability.

Sustainable Development Goals (SDGs) have as their overarching objective the reduction or eradication of a wide range of global problems, including, but not limited to poverty, climate change, environmental degradation, and inequality. Digital technologies (DTs) have the potential to

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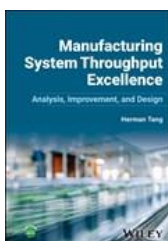
Industrial and Manufacturing Designs: Quantitative and Qualitative Analysis

Atul Kumar Sahu, Rakesh D. Raut, Rohit Raja, Anoop Kumar Sahu, Nitin Kumar Sahu

This book promotes the idea of creative thinking to those working on qualitative and quantitative analysis for reinforcing engineering designs relating to industrial and manufacturing domains.

The book focuses on the development of the theoretical foundations and discusses the utility of integration of critical components and systems engineering for effective systems design. The book presents research directions and can be used as a tool to understand in-depth possible ways related to the management of industrial and

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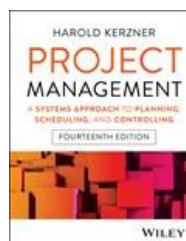
Manufacturing System Throughput Excellence: Analysis, Improvement, and Design

Herman Tang

Improve key metrics of manufacturing performance with this accessible guide

Manufacturing throughput refers to the quantity of products that can be produced within a period and with available resources. Enhancing manufacturing throughput is crucial for a business's success. However, managing and improving throughput can be challenging due to the complexity of manufacturing systems and their operations, which involve numerous variables. To effectively manage and improve system throughput, it is essential to adopt a scientifically guided methodology and

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Harold Kerzner

The book most recommended by the Project Management Institute as an adjunct to the PMBOK Guide and a powerful resource for anyone preparing for the PMP exams

In the newly revised fourteenth edition of *Project Management: A Systems Approach to Planning, Scheduling and Controlling*, renowned project management leader Harold Kerzner delivers another insightful and hands-on discussion of project management. The book is packed with new material

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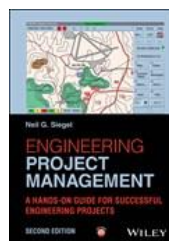
Creating Experience-Driven Organizational Culture: How to Drive Transformative Change with Project and Portfolio Management

Al Zeitoun

An incisive and hands-on discussion of how to transform your organization's project management culture into a strategic capability

In *Creating Experience-Driven Organizational Culture: How to Drive Transformative Change with Project and Portfolio Management*, distinguished business strategist and execution expert Dr. Al Zeitoun delivers an exciting and insightful discussion of how to set up your organization to achieve excellence by building an experience-driven culture. The author expands on the proven 10 pillars of

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Engineering Project Management: A Hands-On Guide for Successful Engineering Projects (2nd Edition)

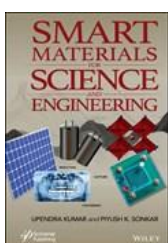
Neil G. Siegel

An engineering-focused approach to project management techniques and strategies

Engineering projects are vital for modern society and global human survival, but many engineering projects fail, in large part due to poor and/or ineffective management. These failures have led to a desire to identify those techniques and mindsets that can lead consistently to successful engineering projects.

The first edition of this book, *Engineering Project Management*, has served as the essential overview to

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Technology & Engineering
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Smart Materials for Science and Engineering

Upendra Kumar, Piyush Kumar Sonkar

SMART MATERIALS FOR SCIENCE AND ENGINEERING

Smart materials, also known as advanced or creative materials, are described as advanced materials that react intuitively to environmental changes or as materials that can return to their original shape in response to certain stimuli. Smart materials are classified as either active or passive based on their characteristics. There are two types of active materials. The first kind cannot change its characteristics when subjected to outside stimuli, for example photochromatic spectacles that only alter their color when exposed to sunlight. The other, w...

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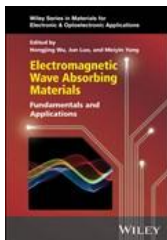


Novel Anti-Corrosion and Anti-Fouling Coatings and Thin Films

Hari Murthy, Vinay Jha Pillai, Kuklatapalli Pradeep Kumar, Matthew Cowan

Nanomaterials and nanocomposite materials have been developed as corrosion inhibitors and are the most noble and effective alternatives to traditional organic corrosion inhibitors. Nanomaterials provide reasonably high anticorrosive activity in both aqueous and solution phases. A unified approach to this task is lacking, however, which highlights the role of all disciplines involved in the creation and use of corrosion protection coatings for metals. Fouling is the process of accumulating unwanted material that is mostly non-living and comprised of detritus and organic or

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Electromagnetic Wave Absorbing Materials: Fundamentals and Applications

Hongjing Wu, Jun Luo, Meiyin Yang

Electromagnetic Wave Absorbing Materials

Electromagnetic Wave Absorbing Materials presents information on the most promising electromagnetic wave absorbing materials, with timely coverage of both conventional and novel materials including 1D, 2D, and 3D materials. This book enables readers to address the growing specification needs in the field through optimizing electromagnetic parameters and promoting interface polarization, two key properties for wireless technology in electronic applications.

Edited by three highly qualified academics with significant

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Silicon, From Sand to Chips, Volume 1: Microelectronic Components

Alain Vignes

Silicon is the material of the digital revolution, of solar energy and of digital photography, which has revolutionized both astronomy and medical imaging. It is also the material of microelectromechanical systems (MEMS), indispensable components of smart objects.

The discovery of the electronic and optoelectronic properties of germanium and silicon during the Second World War, followed by the invention of the transistor, ushered in the digital age. Although the first transistors were made from germanium, silicon eventually became the preferred material for these technologies.

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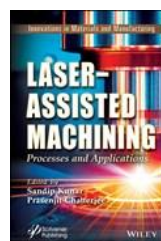
Silicon, From Sand to Chips, Volume 2: Microelectronic Chips, Solar Cells, MEMS

Alain Vignes

Silicon is the material of the digital revolution, of solar energy and of digital photography, which has revolutionized both astronomy and medical imaging. It is also the material of microelectromechanical systems (MEMS), indispensable components of smart objects.

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Laser-Assisted Machining: Processes and Applications

Sandip Kumar, Prasenjit Chatterjee

LASER-ASSISTED MACHINING

This unique book develops exhaustive engineering perceptions of different laser-assisted techniques, reviews the engineering context of different laser fabrication techniques, and describes the application of laser-assisted fabrication techniques.

Lasers are essential in the area of material processing because they can produce coherent beams with little divergence. The fabrication process known as surface cladding includes joining (soldering, welding), material removal (laser-aided drilling, cutting, etc.), deformation

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Ferroic Materials-Based Technologies: Basics to Applications

Inamuddin, Tariq Altalhi, Mohammad Abu Jafar Mazumder

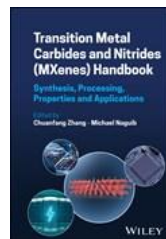
FERROIC MATERIALS-BASED TECHNOLOGIES

The book addresses the prospective, relevant, and original research developments in the ferroelectric, magnetic, and multiferroic fields.

Ferroic materials have sparked widespread attention because they represent a broad spectrum of elementary physics and are employed in a plethora of fields, including flexible memory, enormous energy harvesting/storage, spintronic functionalities, spin caloritronics, and a large range of other multi-functional devices.

With the application of new ferroic materials, strong

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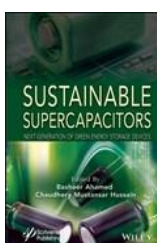
Transition Metal Carbides and Nitrides (MXenes) Handbook: Synthesis, Processing, Properties and Applications

Chuanfang Zhang, Michael Naguib

A comprehensive overview of the synthesis of high-quality MXenes

In *Transition Metal Carbides and Nitrides (MXenes) Handbook: Synthesis, Processing, Properties and Applications*, a team of esteemed researchers provides an expert review encompassing the fundamentals of precursor selection, MXene synthesis, characterizations, properties, processing, and applications. You'll find detailed discussions of the selection of MXene members for specific applications, as along with summaries of the physical and

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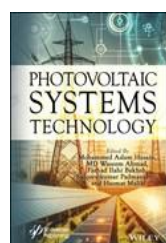
Sustainable Supercapacitors: Next-Generation of Green Energy Storage Devices

Basheer Ahamed, Chaudhery Mustansar Hussain

This unique book provides an in-depth and systematic description of an integrated approach for innovative functionalized nanomaterials, interfaces, and sustainable supercapacitor fabrication platforms.

The requirement for energy-storing devices that can handle the necessary power for modern day electronic systems and the miniaturization of electronic devices, has sparked the evolution of energy-storing devices in their most portable forms. Integration of mini- or micro-powering devices with tiny electronic devices has led to the

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Photovoltaic Systems Technology

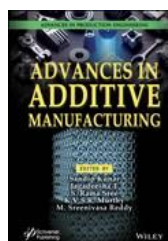
Mohammed Aslam Husain, Md Waseem Ahmad, Farhad Ilahi Bakhsh, Sanjeevikumar Padmanaban, Hasmat Malik

PHOTOVOLTAIC SYSTEMS TECHNOLOGY

Discover comprehensive insights into the latest advancements in solar PV technology, including power electronics, maximum power point tracking schemes, and forecasting techniques, with a focus on improving the performance of PV systems.

A huge number of research articles and books have been published in the last two decades, covering different issues of PV efficiency, circuits, and systems for power processing and their related control. Books that have been published cover one or more topics but altogether fail to give a

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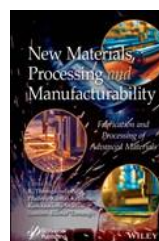
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Technology & Engineering
/ Mechanical

Advances in Additive Manufacturing

Sandip Kumar, Jagadeesha T, S. Rama Sree, K. V. S. R. Murthy, M. Sreenivasa Reddy

This volume focuses on the fundamentals of additive manufacturing and its components, explains why and what we do, outlines what is crucial to the user, offers details on important applications such as in the aerospace, automotive, or medical areas, and the difficult certification process.

This book explores the advancements in additive manufacturing which produces solid, free-form, nearly net-shaped objects. This refers to items that are easy to use, out-of-the-box, and not bound by the design



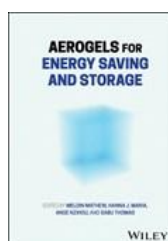
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Technology & Engineering
/ Materials Science

New Materials, Processing and Manufacturability: Fabrication and Processing of Advanced Materials

R. Thanigaivelan, Pradeep Kumar Krishnan, Kamalakanta Muduli, Santosh Kumar Tamang

The book focuses on multiple areas of manufacturing, including cutting-edge material processing technologies, custom-made materials, metallic and non-metallic materials, new engineering experiments, contemporary machining, joining, surface modification, and process optimization techniques.

Readers will find in this volume an extensive exploration of various advanced manufacturing and material engineering



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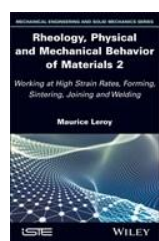
Aerogels for Energy Saving and Storage

Meldin Mathew, Hanna J. Maria, Ange Nzihou, Sabu Thomas

Explore the energy storage applications of a wide variety of aerogels made from different materials

In *Aerogels for Energy Saving and Storage*, an expert team of researchers delivers a one-stop resource covering the state-of-the-art in aerogels for energy applications. The book covers their morphology, properties, and processability and serves as a valuable resource for researchers and professionals working in materials science and environmentally friendly energy and power technology.

The authors offer a comprehensive review of highly



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Rheology, Physical and Mechanical Behavior of Materials 2: Working at High Strain Rates, Forming, Sintering, Joining and Welding (2nd Edition)

Maurice Leroy

This book studies the flow of materials and the influence of strain rates on the relationship between imposed stresses and the dynamic deformations obtained. It provides applications for shaping, molecular molding, shrink-fit assembly and welding, including details of the various specific processes for implementation at high strain rates, illustrated by numerous industrial examples.

Rheology, Physical and Mechanical Behavior of Materials 2 presents studies on the dynamic behavior of materials



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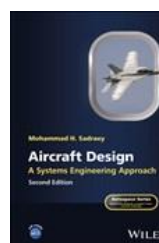
Space Trajectories: Basic and Advanced Topics

Max Cerf

An authoritative reference that covers essential concepts of orbital mechanics and explains how they relate to advanced space trajectory applications

Space Trajectories is the first book to offer a comprehensive exploration of orbital mechanics and trajectory optimization in a single volume. Beginning with a review of essential concepts, the book progresses to advanced space applications, highlighting methods used in today's space missions.

The contents are organized into three parts. The first part delves into free orbital motion, covering topics such as



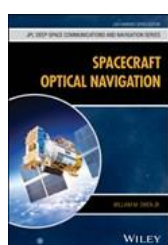
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Aircraft Design: A Systems Engineering Approach (2nd Edition)

Mohammad H. Sadraey

Learn the aircraft design process from a systems-engineering perspective, designed for both aspiring and practicing aerospace engineers

Aircraft design incorporates a range of technological areas, including aerodynamics, flight dynamics, propulsion, and structure. Aircraft engineering design therefore requires techniques from systems engineering to integrate the requirements from these disparate areas into a coherent whole. There has never been a greater need for successful aerospace engineers to have a grasp of systems engineering and its applications in the field.



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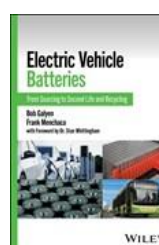
Spacecraft Optical Navigation

William M. Owen, Jr.

UNIQUE RESOURCE EXPLORING HOW SPACECRAFT IMAGERY PROVIDES PROFESSIONALS WITH ACCURATE ESTIMATES OF SPACECRAFT TRAJECTORY, WITH REAL-WORLD EXAMPLES AND DETAILED ILLUSTRATIONS

Spacecraft Optical Navigation provides detailed information on the planning and analysis of spacecraft imagery to help determine the trajectory of a spacecraft. The author, an experienced engineer within the field, addresses the entirety of celestial targets and explains how a spacecraft captures their imagery.

Aimed at professionals within spacecraft navigation, this



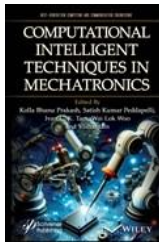
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Technology & Engineering
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Electric Vehicle Batteries: From Sourcing to Second Life and Recycling

Bob Galyen, Frank Menchaca

Understand the batteries that will power the sustainable transition from innovators who are making it happen

The transition from fossil-fuel based energy sources to electricity is one of the most crucial technological milestones in the world today. The surge of electric vehicle production will require hundreds of millions of electric vehicle batteries, the creation of which have environmental impacts of their own. There is an urgent need for resources which analyze these impacts, their role in the life cycle of a battery, and the broader challenges and



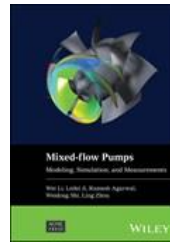
Computational Intelligent Techniques in Mechatronics

Kolla Bhanu Prakash, Satish Kumar Peddapelli, Ivan C. K. Tam, Wai Lok Woo, Vishal Jain

This book, set against the backdrop of huge advancements in artificial intelligence and machine learning within mechatronic systems, serves as a comprehensive guide to navigating the intricacies of mechatronics and harnessing its transformative potential.

Mechatronics has been a revolutionary force in engineering and medical robotics over the past decade. It will lead to a major industrial revolution and affect research in every field of engineering. This book covers the basics of

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Mixed-flow Pumps: Modeling, Simulation, and Measurements

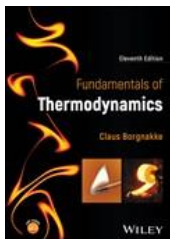
Wei Li, Leilei Ji, Ramesh Agarwal, Weidong Shi, Ling Zhou

Mixed-flow Pumps Modeling, Simulation, and Measurements

Learn to improve and optimize the design and operation of mixed-flow pumps

Mixed-flow pumps have a huge range of applications in agriculture, hydroelectric power, and other industries that incorporate fluid transport. They are centrifugal pumps incorporating the characteristics of both axial and radial pumps to increase the flow rate and discharge pressure. Though essential in a variety of industries, they pose serious challenges to numerical simulation methods

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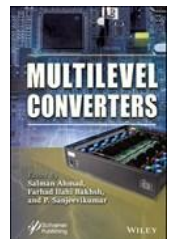
Fundamentals of Thermodynamics (11th Edition)

Claus Borgnakke

Discover the Basics of Thermodynamics with the Field's Leading Textbook for over Thirty Years

Thermodynamics is the branch of physics concerning the relationship between heat and temperature on the one hand, and energy, entropy, and the properties of matter on the other. Its engineering applications are innumerable, and include engine design, heat transfer, air conditioning and refrigeration, energy conversion, and more. For more than three decades, *Fundamentals of Thermodynamics* has served as the foundational introduction to this subject for students and interested readers. Now fully updated ...

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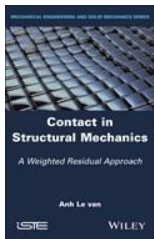
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Salman Ahmad, Farhad Ilahi Bakhsh, P. Sanjeevikumar

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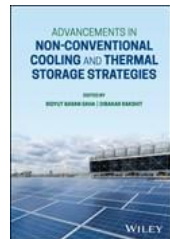
Contact in Structural Mechanics: A Weighted Residual Approach

Anh Le van

Contact in Structural Mechanics treats the problem of contact in the context of large deformations and the Coulomb friction law. The proposed formulation is based on a weak form that generalizes the classical principle of virtual powers in the sense that the weak form also encompasses all the contact laws. This formulation is thus a weighted residue method and has the advantage of being amenable to a standard finite element discretization.

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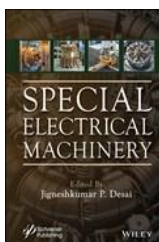
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Bidyut Baran Saha, Dibakar Rakshit

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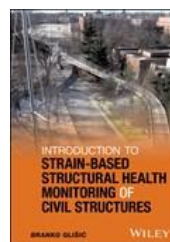
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Jigneshkumar P. Desai

This book is a comprehensive guide to specialized motors, providing in-depth information on the operating principles, applications, and controls of various special electrical machines.

It covers a range of special machines, including switched reluctance motors, permanent magnet synchronous machines, brushless direct current motor, stepper motors, universal motors, and hysteresis motors. The book also addresses the issue of torque ripple. Much of the literature available today focuses solely on conventional motors and their controls, like induction motors, synchronous motors, PMDC motors, servo...

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Introduction to Strain-Based Structural Health Monitoring of Civil Structures

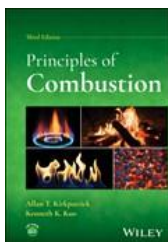
Branko Glisic

A comprehensive introduction to strain-based structural health monitoring of civil structures, with focus on measurement and data analysis

Introduction to Strain-Based Structural Health Monitoring of Civil Structures focuses on the SHM of civil structures and infrastructure, and develops the relevant topics of measurement and data analysis from a fundamental to advanced level.

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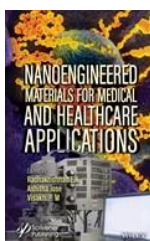
Heat Exchangers: Design and Sizing Algorithms

Abdelhanine Benallou

The last few decades have seen huge developments in the use of concentrated solar power plants, communications technologies (mobile telephony and 5G networks), the nuclear sector with its small modular reactors and concentrated solar power stations. These developments have called for a new generation of heat exchangers.

As well as presenting conventional heat exchangers (shell-and-tube and plate heat exchangers), their design techniques and calculation algorithms, *Heat Exchangers* introduces new-generation compact heat exchangers, including printed circuit heat exchangers, plate-fin heat exchangers...

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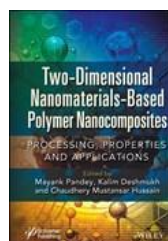


Nanoengineered Materials for Medical and Healthcare Applications

Radhakrishnan Edayileveetil, Krishnankutty, Ashitha Jose, Visakh P. M.

Nanotechnology Materials for Medical and Healthcare Applications reviews the impact of nanotechnology on various walks of medical and healthcare applications. In 16 chapters, learn how nanoengineered materials have become a haven for clinical processes. Enhance your knowledge of the significant findings and observations in medical and healthcare applications. This book emphasizes various aspects, such as the history and trends of nanomedicine and the developments of polymer nanocomposites for clinical application.

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Two-Dimensional Nanomaterials Based Polymer Nanocomposites: Processing, Properties and Applications

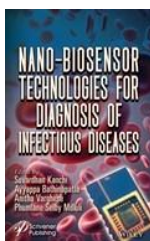
Mayank Pandey, Kalim Deshmukh, Chaudhery Mustansar Hussain

Two-Dimensional Nanomaterials-Based Polymer Nanocomposites

This book presents an extensive discussion on fundamental chemistry, classifications, structure, unique properties, and applications of various 2D nanomaterials.

The advent of graphene in 2004 has brought tremendous attention to two-dimensional (2D) nanomaterials. Lately, this has prompted researchers to explore new 2D

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Nano-Biosensor Technologies for Diagnosis of Infectious Diseases

Suvardhan Kanchi, Ayyappa Bathinapatla, Anitha Varghese, Phumlane Mdluli

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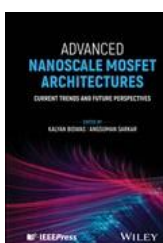
Nanoscience and Nanotechnology for Smart Prevention, Diagnostics and Therapeutics: Fundamentals to Applications

Sathish-Kumar Kamaraj, Arun Thirumurugan, Muthuchamy Maruthupandy, Mercedes Guadalupe Lopez Perez, Shanmuga Sundar Dhanabalan

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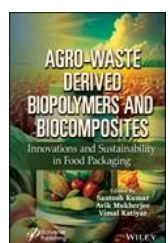
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Kalyan Biswas, Angsuman Sarkar

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Agro-Waste Derived Biopolymers and Biocomposites: Innovations and Sustainability in Food Packaging

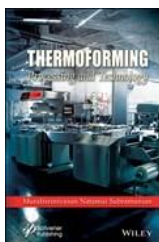
Santosh Kumar, Avik Mukherjee, Vimal Katiyar

AGRO-WASTE DERIVED BIOPOLYMERS AND BIOCOMPOSITES

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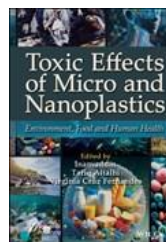
Thermoforming: Processing and Technology

Muralisrinivasan Natamai Subramanian

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The field of thermoforming is experiencing rapid development driven by commercial factors; millions of tons of polymers are manufactured for use in various applications, both as commodity and specialty polymers. Building on the previous edition published about ten years ago, this edition includes new, as well as, fully revised chapters and updated information on materials and processes. The book is designed to provide practitioners with essential information on process...

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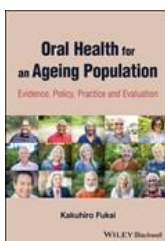
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Inamuddin, Tariq Altalhi, Virginia Cruz Fernandes

This book provides in-depth coverage of the sources, dispersion, life cycle assessment strategies, physico-chemical interactions, methods of analysis, toxicological investigation, and remediation strategies of micro and nanoplastics.

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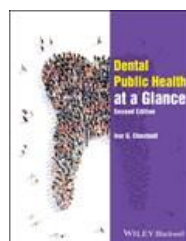
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Kakuhiro Fukai

Enables readers to understand practical solutions to reduce oral disease and improve oral health in a growing aging population

Oral Health for an Ageing Population offers global evidence and practical solutions to enable dental clinicians and policymakers implement effective policies and practices compatible with local needs and resources. The text clearly interprets evidence into knowledge, knowledge into policy, and policy into practice in the context of dental and general health care provision, offering international perspectives and specific examples of implemented global policies.

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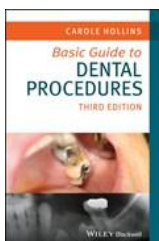
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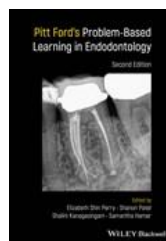
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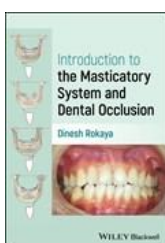
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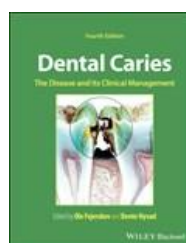
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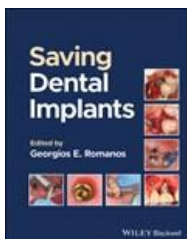
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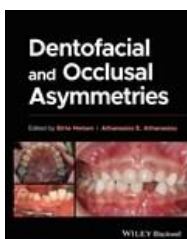
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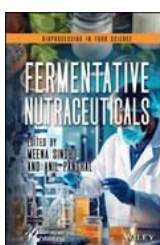
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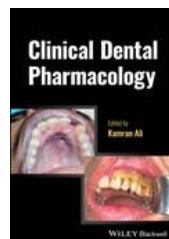
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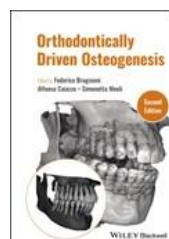
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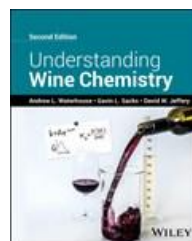
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Understanding Wine Chemistry (2nd Edition)

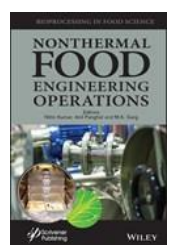
Andrew L. Waterhouse, Gavin L. Sacks, David W. Jeffery

Understanding Wine Chemistry Understand the reactions behind the world's most alluring beverages

The immense variety of wines on the market is the product of multiple chemical processes – whether acting on components arising in the vineyard, during fermentation, or throughout storage. Winemaking decisions alter the chemistry of finished wines, affecting the flavor, color, stability, and other aspects of the final product. Knowledge of these chemical and biochemical processes is integral to the art and science of winemaking.

Understanding Wine Chemistry has served as the

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Nonthermal Food Engineering Operations

Nitin Kumar, Anil Panghal, M. K. Garg

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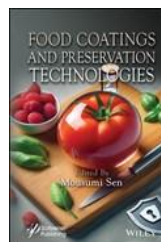
Smart Food Packaging Systems: Innovations and Technology Applications

Avik Mukherjee, Santosh Kumar, Manjusri Misra, Amar K. Mohanty

Understand the future of food packaging with this timely guide

Food packaging is a vital part of the food industry. It contributes to food safety and quality throughout the supply chain, reduced product loss, allows high-quality goods to be shipped safely to underserved regions, and more. Smart food packaging systems, which can sense or detect changes in the product or packaging, are at the forefront of this field, and show potentially revolutionary promise.

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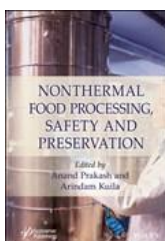
Food Coatings and Preservation Technologies

Mousumi Sen

This book compiles recent studies about edible coatings and how they have improved food products, packaging techniques, and product quality to cause fewer health risks.

Food Coatings and Preservation Technologies presents the most recent studies about the application of edible coatings to a wide variety of foods. Edible coatings are globally utilized for preventing food product contamination from harmful microorganisms and pathogens. This book highlights the developments made in designing new edible coatings. Herein, particular attention is given to the main

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Nonthermal Food Processing, Safety, and Preservation

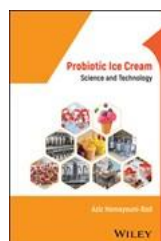
Anand Prakash, Arindam Kuila

NONTHERMAL FOOD PROCESSING SAFETY AND PRESERVATION

This book is essential for learning how biological processes are translated into commercial products and services under food biotechnology and will significantly broaden users' scope, capabilities, and application of bioprocess engineering, food processes, biochemical engineering, nanotechnology, biotechnology, and microbiology.

Food engineering involves a variety of processes and technologies that deal with the construction, design,

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544 pages • Hardcover
Technology & Engineering
/ Food Science



Probiotic Ice Cream: Science and Technology

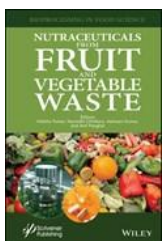
Aziz Homayouni-Rad

Comprehensive resource on probiotics as applied to ice cream and frozen desserts, covering fundamentals, development, technology, and quality control

Probiotic Ice Cream is the first book to look at probiotics as applied to ice cream and frozen desserts, covering the whole product development process, from essential fundamentals to formulation and characterization of the final product.

Written by a highly qualified specialist with significant research experience in this unique field, *Probiotic Ice Cream* includes information on:

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Technology & Engineering
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Nutraceuticals from Fruit and Vegetable Waste

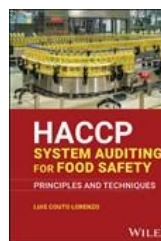
Vidisha Tomer, Navnidhi Chhikara, Ashwani Kumar, Anil Panghal

NUTRACEUTICALS FROM FRUIT AND VEGETABLE WASTE

Nutraceuticals from Fruit and Vegetable Waste, the latest volume in the series, "Bioprocessing in Food Science," is an essential reference on the valorization of fruit and vegetable waste and the state of the art for fruit and vegetable processing.

"Bioprocessing in Food Science" is a series of volumes covering the entirety of unit operations in food processing. This latest volume disseminates the recent advances,

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HACCP System Auditing for Food Safety: Principles and Techniques

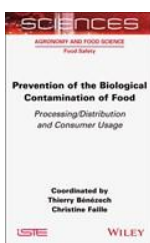
Luis Couto Lorenzo

Guide to understand the fundamentals of HACCP and to planning and conducting food safety audits

HACCP System Auditing for Food Safety helps readers understand the fundamentals of the HACCP concept and its importance in ensuring food safety, with guidance on how to develop auditing skills including planning, executing, and reporting on HACCP audits effectively.

To aid in reader comprehension, this book incorporates many practical examples with accompanying figures and models, along with selected case studies and global practices from Europe, Canada, USA, and New Zealand to

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Science / Chemistry / Industrial & Technical



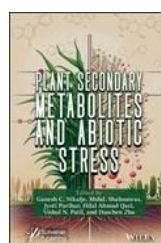
Prevention of the Biological Contamination of Food: Processing/Distribution and Consumer Usage

Thierry Bénézech, Christine Faille

This book deals with risk management by focusing on microbiological risks. Throughout the food chain, foodstuff may be exposed to dangerous agents that can potentially affect its quality and thus the health of consumers.

A good knowledge of the strategies and means of control implemented along the food chain after the primary production stage is a necessary condition and a prerequisite for any further improvement, but it is not sufficient. Indeed, in order to better prevent and therefore control these risks, it is essential to study both the

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Technology & Engineering
/ Food Science / Food Safety & Security



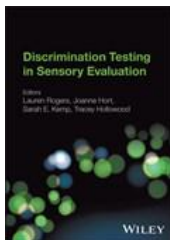
Plant Secondary Metabolites and Abiotic Stress

Ganesh C. Nikalje, Mohd. Shahnawaz, Jyoti Parihar, Hilal Ahmad Qazi, Vishal N. Patil, Daochen Zhu

This book provides a comprehensive overview of cutting-edge biotechnological approaches for enhancing plant secondary metabolites to address abiotic stress, offering valuable insights into the future of utilizing plants for medicinal and industrial purposes.

Various books on plant secondary metabolites are available, however, no book has an overview of the recent trends and future prospects of all the methods available to enhance the contents of the plant secondary metabolites.

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Technology & Engineering
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Discrimination Testing in Sensory Evaluation

Lauren Rogers, Joanne Hort, Sarah E. Kemp, Tracey Hollowood

Discrimination Testing in Sensory Evaluation

Provides a complete and unified approach to discrimination testing in sensory evaluation

Sensory evaluation has evolved from simple "taste testing" to a distinct scientific discipline. Today, the application of sensory evaluation has grown beyond the food industry—it is a sophisticated decision-making tool used by marketing, research and development, and assurance in industries such as personal care, household care, cosmetics, fragrances, automobile manufacturing, and many others. Sensory evaluation is now a critical component in

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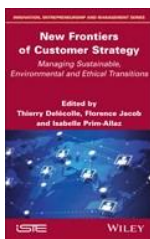
Managing the Long-Term Care Facility: Practical Approaches to Providing Quality Care (2nd Edition)

Rebecca M. Perley

Practical and compassionate approaches to providing quality care and safeguarding quality of life

The second edition of *Managing the Long-Term Care Facility: Practical Approaches to Providing Quality Care* updates the first edition's discussion of the operational requirements necessary to manage a skilled nursing facility. This book presents sensitive and empathic regulatory compliant methods for the delivery of care that fosters an empowering environment for all stakeholders.

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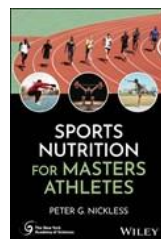
New Frontiers of Customer Strategy: Managing Sustainable, Environmental and Ethical Transitions

Thierry Delecolle, Florence Jacob, Isabelle Prim-Allaz

Digital transformation has shaped a new landscape for companies and their customers, offering companies a wealth of data with which to develop customer knowledge. However, this evolution is just one of many transformations in customer marketing within an increasingly complex reality, thrown into turmoil by environmental and social changes.

New frontiers in customer relations strategies are thus being drawn, some in new territories grounded in efforts to preserve scarce resources, while others are built on

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Delivery



Sports Nutrition for Masters Athletes

Peter G. Nickless

Discover the nutritional and physiological age-related changes and needs of athletes aged 35 and above

Athletic activity is becoming increasingly central to the lives of many adults as they age. More and more adults over 35 participate actively in athletics. Additionally, older adults are increasingly encouraged to pursue athletics for reasons of health and wellness. There is a growing need, therefore, for sports nutrition and physiology texts that focus on this population in detail, and not simply as a subset of a field that has been primarily oriented towards younger athletes.

Sports Nutrition

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Achieving Health Equity: The Role of Law and Policy

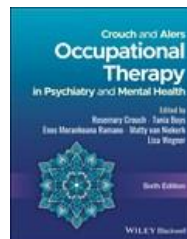
Y. Tony Yang

Unveiling the Path to Health Equity: A Transformative Guide to Law and Policy

Achieving Health Equity: The Role of Law and Policy offers a groundbreaking exploration of how legal and policy frameworks shape health outcomes for marginalized populations, with a particular focus on racial minorities in the United States. This comprehensive guide dissects the complex interplay of factors determining health: 20% healthcare, 30% health behaviors, 40% social and economic factors, and 10% physical environment.

Amid the backdrop of the COVID-19 pandemic and a

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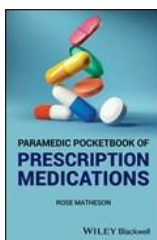
Crouch and Alers Occupational Therapy in Psychiatry and Mental Health (6th Edition)

Rosemary Crouch, Tania Buys, Enos Morankoana Ramano, Matty van Niekerk, Lisa Wegner

Celebrating its evolution over thirty-four years, the sixth edition of Crouch and Alers Occupational Therapy in Psychiatry and Mental Health continues its legacy as a trailblazing guide, reshaped to address the challenges of a post-Covid, globalised world.

Led by renowned expert Rosemary Crouch, this edition embraces an inclusive perspective on human functionality, social inclusion, and participation in everyday life. Highlighting the pressing need for occupational therapy's

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Paramedic Pocketbook of Prescription Medications

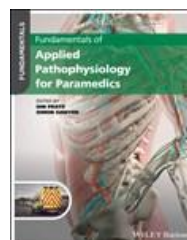
Rose Matheson

Reference pocketbook containing common medications prescribed to patients to facilitate identification and revealing potential interactions, overdose symptoms, and common call outs

Easy to navigate and truly pocket-sized, the *Paramedic Pocketbook of Prescription Medications* covers common medications and their possible presentations, highlights risk of causing harm, and goes over mechanism of action, use, and potential risks for each.

Key features:

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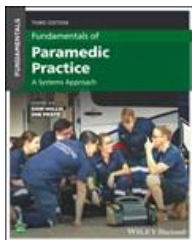
Fundamentals of Applied Pathophysiology for Paramedics

Ian Peate, Simon Sawyer

An essential introduction to pathophysiology for paramedics

Paramedics are specialists in out-of-hospital emergency healthcare; they are also capable of operating as generalist clinicians whose work is indispensable in a variety of healthcare settings. The response to the COVID-19 pandemic, especially, has revealed the versatility of the paramedic workforce. Contemporary paramedic practice continues to break new ground as the workforce is called upon to undertake critical roles in support of the wider healthcare sector. However, to perform their crucial work

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Fundamentals of Paramedic Practice: A Systems Approach (3rd Edition)

Sam Willis, Ian Peate

Fundamentals of Paramedic Practice An indispensable guide for aspiring paramedics and emergency medical professionals

Paramedic practice is swiftly evolving, driven by changes in the paramedic curriculum. To meet the growing demands of the community, student paramedics and clinicians working in out-of-hospital care must stay abreast of this rapid evolution.

Fundamentals of Paramedic Practice, Third Edition contributes to driving the profession forward and provides a comprehensive, accessible text authored by experienced

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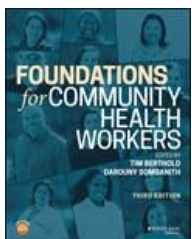
Health Behavior: Theory, Research, and Practice (6th Edition)

Karen Glanz, Barbara K. Rimer, K. Viswanath

The essential health behavior text, updated with the latest theories, research, and issues

Health Behavior: Theory, Research and Practice provides a thorough introduction to understanding and changing health behavior—important facets of the public health role. Since the publication of the first edition, this comprehensive book has become the gold standard of health behavior texts. This new sixth edition has been updated to reflect the most recent changes in the public health field, including findings from real-world interventions based on the theories described in the book. Offering

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Foundations for Community Health Workers (3rd Edition)

Timothy Berthold, Darouny Somsanith

A practical guide to becoming a community health worker

Foundations for Community Health Workers provides a practical and comprehensive introduction to essential skills for professionals in community health roles. In the wake of the COVID-19 pandemic, there is a greater need than ever for compassionate community health workers trained in the core competencies and guiding principles that can empower individuals to lead healthy lives. With an emphasis on social justice, cultural humility, and client-centered practice, this book offers a solid background in

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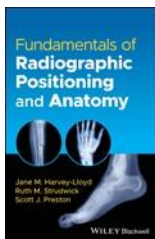
Quality by Design: A Clinical Microsystems Approach (2nd Edition)

Marjorie M. Godfrey, Tina C. Foster, Julie K. Johnson, Eugene C. Nelson, Paul B. Batalden

The latest edition of the bestselling text on quality improvement in health care, providing powerful theoretical frameworks and principles, valuable tools and techniques, and a proven action-learning program

Now in its second edition, *Quality By Design* contains an evidence and practice based strategy for teaching and practicing the clinical microsystem approach across all levels of health care organizations. Overall, the microsystem approach continues to evolve and adapt to

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Fundamentals of Radiographic Positioning and Anatomy

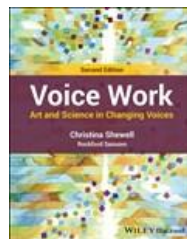
Jane M. Harvey-Lloyd, Ruth M. Strudwick, Scott J. Preston

A practical guide to positioning patients for successful X-ray projections

Fundamentals of Radiographic Positioning and Anatomy offers student radiographers a user-friendly guide to all the most common X-ray examinations and the correct patient positioning for each projection. The result is an indispensable handbook that promises more practical value and usability than any current textbook on the market.

Fundamentals of Radiographic Positioning and Anatomy readers will also find:

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Voice Work: Art and Science in Changing Voices (2nd Edition)

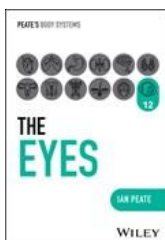
Christina Shewell, Rockford Sansom

Voice Work Second Edition

The voice is one of the fundamental modes of self-expression, a key touchstone of identity and sense of self. Many people in all walks of life are looking to change their voices, whether to modify a speaking challenge of some kind, to cultivate a professional skill, or for other reasons. Voice practitioners have an invaluable role in guiding clients along the path to their desired voice outcomes.

Building on the success of the first edition, *Voice Work*

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The Eyes

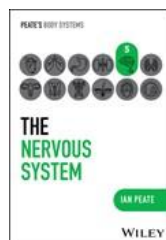
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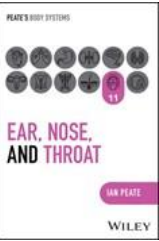
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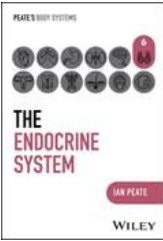
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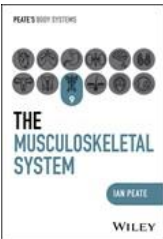
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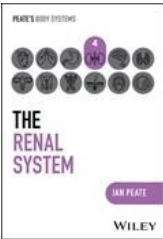
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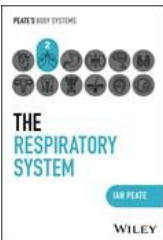
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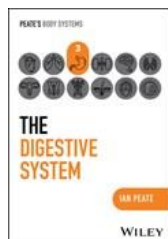
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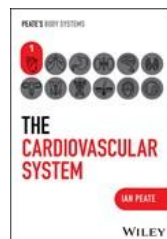
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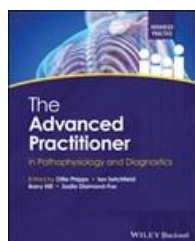
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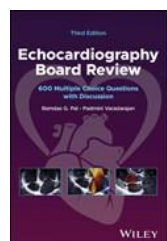
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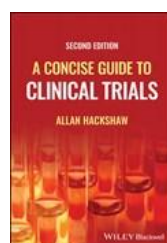
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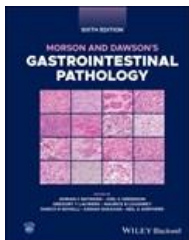
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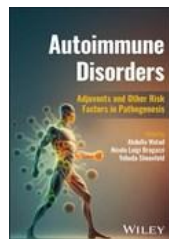
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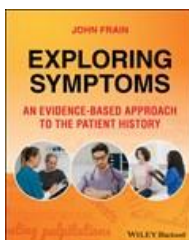
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Exploring Symptoms: An Evidence-based Approach to the Patient History

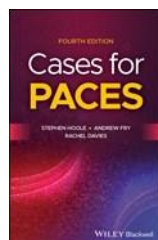
John Frain

Understand the relationship between disease and description with this invaluable guide

Correctly interpreting patient symptoms is one of the most critical components of medical diagnosis and treatment. Though each instance of any given disease will share features with others, each patient's experience is unique, and assessment of their condition depends on taking and interpreting an individual patient's history. Correct diagnosis and treatment decisions rely on a sound, evidence-based approach to this crucial clinical interaction.

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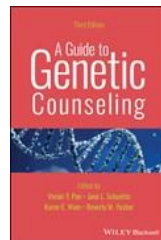
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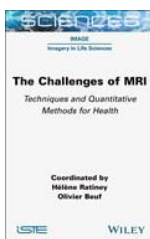
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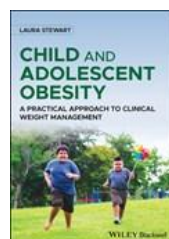


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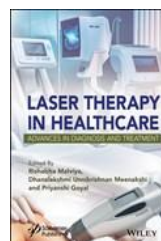
Elaine Vickers

Demystifying the science behind new cancer treatments

A clear and accessible guide written in everyday language for nurses and other healthcare professionals

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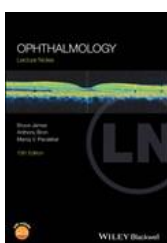
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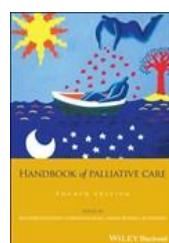
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Comprehensive yet concise reference and revision guide for ophthalmology, covering all key areas with a systematic and clinical approach

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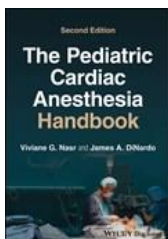
Handbook of Palliative Care (4th Edition)

Richard Kitchen, Christina Faull, Sarah Russell, Jo Wilson

Handbook of palliative care Comprehensive resource utilising up-to-date evidence and guidelines to support non-specialists in palliative care in both hospital and community settings

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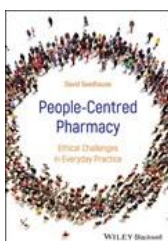
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People-Centred Pharmacy: Ethical Challenges in Everyday Practice

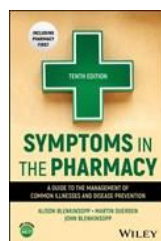
David Seedhouse

Discover people-centred decision-making for pharmacists in this clear and practical volume

Pharmacy ethics and decision-making are a critical part of pharmaceutical care. Pharmacists are routinely faced with decisions that impact the immediate and long-term health of patients, and must exercise professional judgement when the best choices are uncertain.

Current guides to ethical decision-making in healthcare are generally written for doctors or nurses, overlooking the distinctive needs of pharmacy professionals in this crucial area of practice.

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Symptoms in the Pharmacy: A Guide to the Management of Common Illnesses and Disease Prevention (10th Edition)

Alison Blenkinsopp, Martin Duerden, John Blenkinsopp

Community pharmacies are often the first source for information and advice when health problems arise. Increasingly patients are being referred to pharmacists by other health care professionals through Pharmacy First and similar schemes.

This book presents a decision-making framework along with 'red flags', 'when to refer' and evidence-based treatment recommendations. A unique feature is that case studies appear throughout, in which pharmacists, doctors, nurses, and patients describe assessment and treatment

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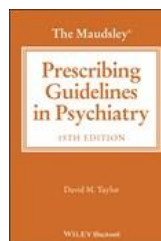
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Ryan Mills

Ensure your clinical trial supply chain is running smoothly with this practical guide

Clinical trials are a critical part of the pharmaceutical development process. These trials cannot proceed without timely and regular receipt of the drugs being tested, which can prove a challenge for drug manufacturers who have not yet established the structures required to produce quality-controlled specimens of the drug at scale. Managing supply chains of pre-production drugs for clinical trials is therefore an essential component of drug development.

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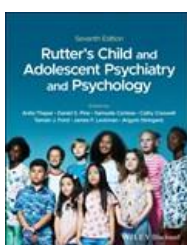
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David M. Taylor

Discover the essential evidence-based handbook on the safe and effective prescribing of psychotropic agents in this comprehensive resource

Prescribing medications for patients suffering from mental illness is a challenging but essential component of clinical practice. Drug choice, dosage, and other considerations can have a critical impact on patient outcomes and long-term care. For years, *The Maudsley Prescribing Guidelines* have served as the indispensable evidence-based handbook for prescribing psychotropic

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Rutter's Child and Adolescent Psychiatry and Psychology (7th Edition)

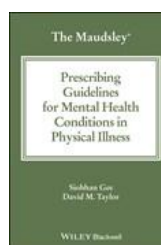
Anita T. Thapar, Daniel S. Pine, Samuele Cortese, Cathy Creswell, Tamsin Ford, James F. Leckman, Argyris Stringaris

Up-to-date edition of a leading textbook on child and adolescent psychiatry, with new information on COVID-19, digital technology and more

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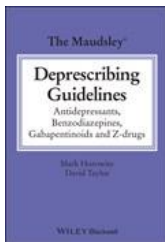
The Maudsley Prescribing Guidelines for Mental Health Conditions in Physical Illness

Siobhan Gee, David M. Taylor

Meet the challenges of mental health prescribing in the physically unwell with this essential guide

Treating mental health conditions in physically unwell patients presents unique challenges for clinicians and other practitioners. The efficacy and safety of psychotropic medications is established in physically healthy patients. In physically unwell people, psychotropics can have different outcomes and give rise to serious adverse effects that can complicate or worsen physical health conditions. Many clinicians face difficult decisions about prescribing for mental health conditions in such case...

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The Maudsley Deprescribing Guidelines: Antidepressants, Benzodiazepines, Gabapentinoids and Z-drugs

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The Maudsley® Deprescribing Guidelines Comprehensive resource describing guidelines for safely reducing or stopping (deprescribing) antidepressants, benzodiazepines, gabapentinoids and z-drugs for patients, including step-by-step guidance for all commonly used medications, covering common pitfalls, troubleshooting, supportive strategies, and more.

Most formal guidance on psychiatric medication relates to starting or switching medications with minimal guidance

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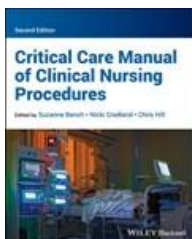
Police Custody Healthcare for Nurses and Paramedics

Matthew Peel, Jennie Smith, Vanessa Webb, Margaret Bannerman

An essential resource for nurses and paramedics navigating the intricate world of police custody, providing a solid guide for both the novices and the veterans in the field

Across the UK there are on average over 750,000 episodes of police detentions annually, the equivalent of over 2,000 a day. Each one is entitled to healthcare comparable to the wider community. It is estimated on average 54% of these detained individuals are referred to a healthcare professional because of a complex mix of

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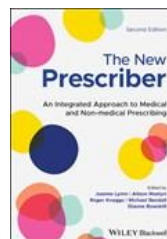
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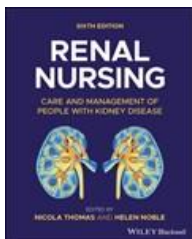
The New Prescriber: An Integrated Approach to Medical and Non-medical Prescribing (2nd Edition)

Joanne Lymn, Alison Mostyn, Roger Knaggs, Michael D. Randall, Dianne Bowskill

Take an evidence-based approach to prescribing decisions with this comprehensive guide

Prescribing decisions are among the most important parts of clinical practice. Balancing patient needs, possible drug interactions, the probability of adverse drug reactions, and more requires an evidence-based approach rooted in pharmacological principles. *The New Prescriber: An Integrated Approach to Medical and Non-medical Prescribing* offers a thorough, accessible introduction to the core components of prescribing, essential for any student

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Renal Nursing: Care and Management of People with Kidney Disease (6th Edition)

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Now in its Sixth Edition, *Renal Nursing* continues to be the essential evidence-based guide to the care of people with kidney disease, updated to reflect the latest changes in practice, policy, care, and management.

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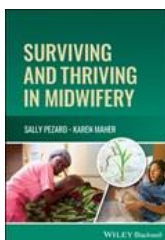
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Dominic Roche, Clare L. Bennett

Generate and apply high-quality research in a nursing context with this accessible guide

The production and application of rigorous, effective research can have a significant impact on nursing care. *Notes On... Nursing Research* offers an overview of nursing research, its relationship with clinical practice and patient outcomes, and its positive effects on the nursing professional. Beginning with an introduction to the fundamental principles of nursing research, it moves through the stages of designing and conducting research studies before concluding with specific applications of research to cli...

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Surviving and Thriving in Midwifery

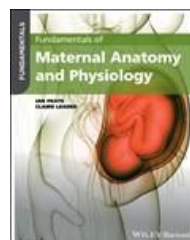
Sally Pezaro, Karen Maher

A practical, evidence-based approach to psychological and professional well-being for midwives

Midwifery is an essential profession with a life-saving role in perinatal care. However, studies show that midwives experience remarkably high levels of work-related psychological distress, leading to equally high levels of attrition from the profession. If these issues are not addressed, the loss of qualified midwives may seriously impact the profession's ability to fight perinatal and infant mortality worldwide.

Surviving and Thriving in Midwifery offers a practical

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Fundamentals of Maternal Anatomy and Physiology

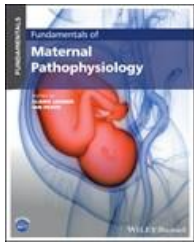
Ian Peate, Claire Leader

An introduction to anatomy and physiology specifically tailored to the needs of midwives

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Fundamentals of Maternal Pathophysiology

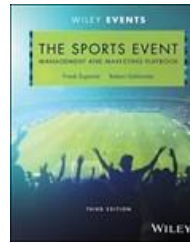
Claire Leader, Ian Peate

An introduction to pathophysiology specifically tailored to the needs of midwives

Professional standards of proficiency require that midwives develop a robust understanding of pathophysiology, the study of disordered physical processes including disease and injury. This dedicated text equips both aspiring and registered midwives with the foundational understanding of pathophysiology required to deliver the best patient care.

An understanding of pathophysiology is paramount for the delivery of safe and effective care during the various stages of pregnancy, childbirth and postnatal recovery.

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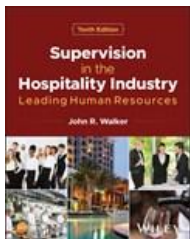
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Frank Supovitz, Robert Goldwater, Seungwon Shawn Lee

Authoritative and accessible textbook on how to successfully plan and execute live sports events, with helpful learning aids included throughout

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Business & Economics / Industries / Hospitality, Travel & Tourism



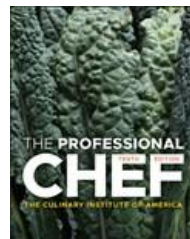
Supervision in the Hospitality Industry: Leading Human Resources (10th Edition)

John R. Walker

A thorough, accessible handbook for leadership in a vital industry

Supervision in the Hospitality Industry: Leading Human Resources, Tenth Edition, is a comprehensive primer designed for beginning leaders, new supervisors promoted from an hourly job, and students planning for careers in the hospitality industry. Covering each essential aspect of first-line supervision, this market-leading textbook helps readers develop the practical skills and knowledge necessary for effectively supervising hospitality workers at all levels of an organization, including cooks, servers,

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Pub Date: 6/5/24
416 pages • Paperback
Technology & Engineering / Food Science



The Professional Chef (10th Edition)

The Culinary Institute of America (CIA)

The Professional Chef is the quintessential kitchen companion from The Culinary Institute of America, used by hundreds of America's top chefs. This updated 10th Edition presents the skills and quality standards needed to master the fundamentals of cooking. A refreshed, modern design features simplified definitions and techniques streamlined into step-by-step instructions to support aspiring chefs and culinary students of any level.

Revisions in the 10th edition include using modern plant-forward ingredients, in line with the CIA and Harvard's Menus of Change initiative, highlighting that veget...

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Cooking / Methods



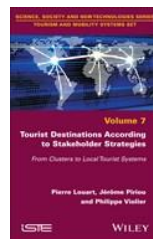
Successful Management in Foodservice Operations: An Overview

David K. Hayes, Jack D. Ninemeier

Comprehensive resource covering key 'need-to-know' aspects of how to run a food service operation, with unique perspective from restaurant managers

Successful Management in Foodservice Operations is a single volume book addressing the overall operation of a successful food service business, including planning for success, ensuring excellence in production and service, and generating optimal levels of operating profits. The purpose of this book is to teach foodservice operators what they must know, and do, in order to achieve their own

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368 pages • Paperback
Technology & Engineering / Food Science



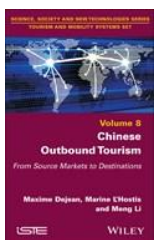
Tourist Destinations According to Stakeholder Strategies: From Clusters to Local Tourist Systems

Pierre Louart, Jérôme Piriou, Philippe Violier

Tourist destinations are subject to the strategies and interactions of the people who reside in them, with complementary and sometimes conflicting interests. To ensure that these destinations remain competitive, Destination Management Organizations (DMOs) are tasked with stimulating cooperation between all partners (independents, organizations, networks).

Tourist Destinations According to Stakeholder Strategies is based on a series of case studies that are analyzed and discussed from a dual geographical and managerial

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304 pages • Hardcover
Business & Economics / Industries / Hospitality, Travel & Tourism



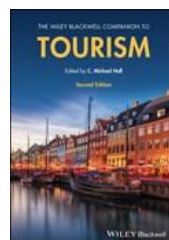
Chinese Outbound Tourism: From Source Markets to Destinations

Maxime Dejean, Marine L'Hostis, Meng Li

China's international tourism industry is gradually rising from the ashes after three years of travel restrictions imposed in response to China's "zero Covid" policy. This gradual recovery has prompted three geographers, specialized in understanding these trends, to pool their research and present an overview of the current state of Chinese international outbound tourism.

Drawing on their extensive field experience in Wuhan, Phuket, Paris and Nice, these three researchers have combined their complementary and original approaches to explore the underlying mechanisms of the flow of Chinese

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288 pages • Hardcover
Business & Economics / Industries / Hospitality, Travel & Tourism



The Wiley Blackwell Companion to Tourism (2nd Edition)

C. Michael Hall

The first authoritative overview of tourism studies published post-COVID-19

The Wiley Blackwell Companion to Tourism remains a definitive reference in this interdisciplinary field. Edited and authored by leading scholars from around the world, this state-of-the-art volume provides a comprehensive critical overview of tourism studies across the social sciences. In-depth yet accessible chapters combine established theories and cutting-edge developments and analysis, addressing a wide range of current and emerging topics, issues, debates, and themes.

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768 pages • Hardcover
Business & Economics / Industries / Hospitality, Travel & Tourism



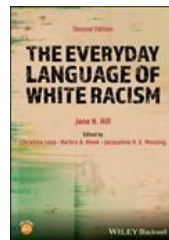
Decolonizing Anthropology: An Introduction

Soumya Venkatesan

Decolonization has been a buzzword in anthropology for decades, but remains difficult to grasp and to achieve. This groundbreaking volume offers not only a critical examination of approaches to decolonization, but also fresh ways of thinking about the relationship between anthropology and colonialism, and how we might move beyond colonialism's troubling legacy.

Soumya Venkatesan describes the work already underway, and the work still needed, to extend the horizons of the discipline. Drawing on scholarship from anthropology and cognate disciplines, as well as ethnographic and other case studie...

9781509540600
Pub Date: 1/28/25
264 pages • Paperback
Social Science /
Anthropology



The Everyday Language of White Racism (2nd Edition)

Jane H. Hill, Christina Leza, Barbra A. Meek, Jacqueline H. E. Messing

A groundbreaking critical discourse analysis of everyday language, reveals the underlying racist stereotypes circulating in American culture

In *The Everyday Language of White Racism*, prominent linguist Jane H. Hill provides an incisive analysis of the relationship between language, race, and culture. First published in 2008, this classic textbook employs an innovative framework to reveal the underlying racist stereotypes that continue to persist in White American culture and sustain structures of White Supremacy.

9781119906995
Pub Date: 12/23/24
272 pages • Paperback
Social Science /
Anthropology / Cultural &
Social



Introducing Museum Studies

Gordon Fyfe

Introducing Museum Studies is the first introductory textbook for museum studies. Providing a wide-ranging and original overview of museums from a historical and contemporary perspective, it covers key topics such as the history of the museum, the museum as a public space, visitors, and communities.

The book shows how museums, far from being neutral collections, exhibit objects which convey powerful symbolic meanings. This "cultural turn" away from the object as a *thing in itself* has placed museums at the centre of debates about public culture, citizenship, inclusion and

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248 pages • Paperback
Social Science



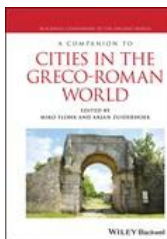
Feminisms/Museums/Surveys: An Anthology

Hilary Robinson, Lara Perry

The first anthology of feminist art exhibition essays and museum publications, providing an exciting and valuable overview of recent developments in feminist curation

Feminisms-Museums-Surveys: Exhibition Curating 2005-2022 brings together works from exhibition catalogs and museum publications to provide a comprehensive and timely view of the modern approach to feminist curating. Offering insights into how curators from around the world engage with different feminisms and select and exhibit feminist art, this one-of-a-kind anthology exemplifies the diversity of feminist thinking and curatorial...

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Art / Museum Studies



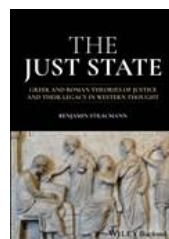
A Companion to Cities in the Greco-Roman World

Miko Flohr, Arjan Zuiderhoek

A COMPANION TO CITIES IN THE GRECO-ROMAN WORLD

A Companion to Cities in the Greco-Roman World offers in-depth coverage of the most important topics in the study of Greek and Roman urbanism. Bringing together contributions by an international panel of experts, this comprehensive resource addresses traditional topics in the study of ancient cities, including civic society, politics, and the ancient urban landscape, as well as less-frequently explored themes such as ecology, war, and representations of cities in literature, art, and political

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624 pages • Hardcover
History / Ancient



The Just State: Greek and Roman Theories of Justice and Their Legacy in Western Thought

Benjamin Straumann

An intellectual history of one of the most important contributions to Western society

The Just State explores influential Greek and Roman ideas about justice and their institutional context, and discusses their legacy in later political thought. Bringing Greco-Roman and modern ideas into conversation with each other, Benjamin Straumann traces the history of ancient political thought by focusing on classical ideas about justice.

With a readable narrative style, Straumann places Greek and Roman theories of justice in their historical context

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History / Ancient



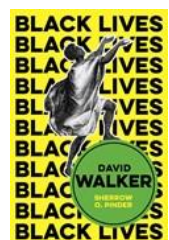
Greek and Latin Roots of Medical and Scientific Terminologies

Todd A. Curtis

A systematic etymological approach to understanding the Greek and Latin roots, prefixes, and suffixes of "med-speak"

Greek and Latin Roots of Medical and Scientific Terminologies explains the Greek and Latin origins of the roots, prefixes, and suffixes of terms used in "med-speak," the specialized language of medicine, science, and healthcare. By presenting medical terms in their historical context, this innovative textbook discusses relevant aspects of ancient Greek and Roman medical theories and practices while teaching students to apply principles of

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Pub Date: 9/18/24
528 pages • Paperback
Literary Criticism /
Ancient & Classical



David Walker: The Politics of Racial Egalitarianism

Sherrow O. Pinder

David Walker, a free (with a small f) black man, was one of the most significant African-American abolitionists of the nineteenth century. Born in a slave society before moving to Boston where, after the American Revolutionary War, slavery was abolished, Walker devoted his life to fighting slavery and antiblack racism.

In this book, Sherrow O. Pinder brings to light Walker's lived experience, activism, and the synchronizing of his Christian principles and reformist radicalism to demonstrate why and how slavery must be eliminated. Walker's call for blacks to regain their natural rights

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Pub Date: 7/30/24
224 pages • Paperback
Social Science / Cultural &
Ethnic Studies / American



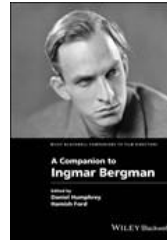
Technocolonialism: When Technology for Good is Harmful

Mirca Madianou

With over 300 million people in need of humanitarian assistance, and with emergencies and climate disasters becoming more common, AI and big data are being championed as forces for good and as solutions to the complex challenges of the aid sector.

This book argues, however, that digital innovation engenders new forms of violence and entrenches power asymmetries between the global South and North. Madianou develops a new concept, technocolonialism, to capture how the convergence of digital developments with humanitarian structures, state power and market forces

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256 pages • Paperback
Social Science / Media Studies



A Companion to Ingmar Bergman

Daniel Humphrey, Hamish Ford

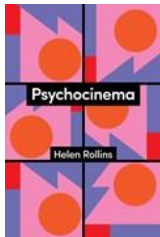
A Companion to Ingmar Bergman

"This collective project brilliantly launches Bergman studies forward at least a generation or two. The 35 contributors comprise a Who's Who of prominent and rising-star Bergman scholars diversely and globally."

—**Arne Lunde**, UCLA, author of *Nordic Exposures: Scandinavian Identities in Classical Hollywood Cinema* (2010)

"Bergman's films are not static. They changed dramatically over the filmmaker's lifetime, and so too our ways of critically analysing them. This superb Companion lays out the tracks of understanding Bergman today."

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544 pages • Hardcover
Performing Arts / Film



Psychocinema

Helen Rollins

Psychocinema reexamines the connection between psychoanalysis and film, arguing for a return to the universalist core of both cinema and subjectivity. It traces the history of the influence of psychoanalysis on cinema and shows how the detour into ideologies of identity and difference eclipses the premise of the first and the emancipatory power of the second.

The book argues that psychoanalysis does not simply help us elucidate what we see on screen: rather, there is a fundamental relationship between the structure of psychoanalysis and that of cinema. Cinema acts upon the

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140 pages • Paperback
Performing Arts / Film / History & Criticism



The Horror Film: An Introduction (2nd Edition)

Rick Worland

A lively and reliable narrative account of the horror genre, featuring new and revised material throughout

The Horror Film: An Introduction surveys the history, development, and social impact of the genre. Covering American horror cinema from its earliest period to the present, this reader-friendly volume explores the many ways horror movies have been received by filmmakers, critics, and general audiences throughout the decades. Concise, easily accessible chapters describe historical instances of the genre's social reception based on primary research, analyze landmark films such as *Frankenstein*...

9781119715269
Pub Date: 9/16/24
432 pages • Paperback
Performing Arts / Film / History & Criticism



The Pocket Guide to Feminism: A Survival Kit

Bel Olid, Laura McGloughlin

A woman's life is different. This is clear when a stranger's catcall makes her feel targeted in the street. When politicians make off-the-cuff sexist remarks. When media commentators wade in with their condemnation of free, unrestricted abortion. When a father is praised to the skies for attending parents' evening while the mother's attendance is taken for granted. When they fire her because she's pregnant. When they dismiss her medical symptoms as anxiety. To counter sexism today, we need to learn the art of self-defence. Today, feminism is more alive and more necessary than ever because dis...

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Pub Date: 1/21/25
144 pages • Paperback
Social Science / Feminism & Feminist Theory



Grey Sex: Heterosexuality and Everyday Domination

Alexandra Kogl

Grey sex is saying "yes" but thinking "no." It's feeling invisible, like you're not even in the room. It's wondering afterwards, "is that really what I wanted?" or "did I just let that happen?"

Many people have sexual experiences that fall into a grey area between assault and "normal" sex. Looking at heterosexuality and everyday domination, this book shows that, in doing so, we are neither simply victims nor failing to assert ourselves. We are caught in relations of gendered power that may be hard to name or that may, in a world filled with violence, not seem worth mentioning. Tempting

9781509558889
Pub Date: 1/9/25
208 pages • Paperback
Social Science / Sexual Abuse & Harassment



Toussaint Louverture: The French Revolution and the Colonial Problem

Aimé Césaire, Kate Nash, Gary Wilder

This book is the long-overdue publication in English of Aimé Césaire's account of Toussaint Louverture, the legendary leader of the revolution in Saint-Domingue – a slave revolt against French colonial rule that led to the founding of the independent republic of Haiti. Saint-Domingue was the first country in modern times to confront the colonial question in practice and in all its complexity. When Toussaint Louverture burst onto the historical stage, various political movements already existed for political autonomy, free trade and social equality. But the French Revolution established a...

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304 pages • Paperback
History / Caribbean & West Indies



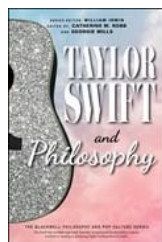
Post-Comedy

Alfie Bown

Not so long ago, comedy and laughter were a shared experience of relief, as Freud famously argued. At their best, ribbing, roasting, piss-taking and insulting were the foundation of a kind of universal culture from which friendship, camaraderie and solidarity could emerge.

Now, comedy is characterized by edgy humour and misplaced jokes that provoke personal and social anxiety, causing divisive cultural warfare in the media and among people. Our comedy is fraught with tension like never before, and so too is our social life. We often hear the claim that no one can take a joke anymore. But what...

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Social Science / Popular Culture



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Social Science / Popular Culture

Taylor Swift and Philosophy: Essays from the Tortured Philosophers Department

Catherine M. Robb, Georgie Mills, William Irwin

Explore the philosophical wisdom of Taylor Swift and her music

Taylor Swift is a "Mastermind" when it comes to relationships, songwriting, and performing sold-out stadium tours. But did you know that Taylor is also a philosophical mastermind?

Taylor Swift and Philosophy is the first book to explore the philosophical topics that arise from Taylor Swift's life and music. Edited and authored by Swifties who also happen to be philosophers and scholars, this fun and engaging book is written with general readers in mind—you don't



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224 pages • Paperback
Philosophy

The Last of Us and Philosophy: Look for the Light

Charles Joshua Horn, William Irwin

Did Joel do the right thing when he saved Ellie?

Are those infected by the Cordyceps conscious?

Are communities necessary for human survival and flourishing?

Should Ellie forgive Joel?

Is Abby's revenge morally justified? Is Ellie's?

The Last of Us franchise includes two of the best video games ever created and the critically acclaimed HBO series. Renowned for brilliant gameplay and world-class narrative, *The Last of Us* is timeless and enduring.



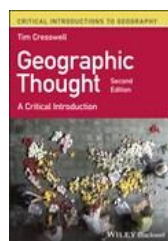
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Pub Date: 9/10/24
286 pages • Hardcover
Philosophy / Political

Sexed: A History of British Feminism

Susanna Rustin

Susanna Rustin's *Sexed* is a radical retelling of the story of British feminism.

Starting in the revolutionary 1790s and ending in the present day, she introduces the 1830s radicals who demanded "LIBERTY FOR EVER!", Victorian petitioners who expected to be dead before women won the vote, and rival camps of suffragists who embraced and rejected violence. She considers the contributions of the first female MPs, as well as activists including the Greenham peace protesters and the black and Asian women's groups of the 1970s and 1980s.



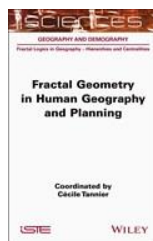
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336 pages • Paperback
Science / Earth Sciences / Geography

Geographic Thought: A Critical Introduction (2nd Edition)

Tim Cresswell

An accessible and engaging introduction to geographic thought

In the newly expanded Second Edition of *Geographic Thought: A Critical Introduction*, renowned scholar Tim Cresswell delivers a thoroughly up-to-date and accessible examination of the major thinkers and key theoretical developments in the field. Coverage of the complete range of the development of theoretical knowledge—from ancient geography to contemporary theory—appears alongside treatments of the influence of Darwin and Marx, the emergence of anarchist geographies, the impact of



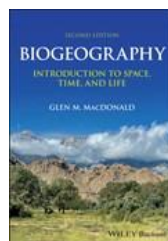
9781789451597
Pub Date: 8/20/24
368 pages • Hardcover
Social Science / Human Geography

Fractal Geometry in Human Geography and Planning

Cécile Tannier

The aim of this book is to provide an overview of the concepts and methods used in fractal analysis and modeling in order to study the spatial distribution of human settlements. The main concepts and mathematical tools are reviewed, and emphasis is placed on the practical benefits of their application and the pitfalls to be avoided when using them.

The first part of the book is devoted to the basic concepts and geometric reference figures required for fractal analysis in human geography. In the second part, the principles of four major families of analysis methods are



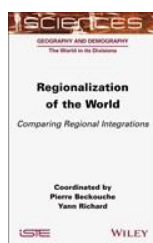
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576 pages • Paperback
Science / Earth Sciences / Geography

Biogeography: Introduction to Space, Time, and Life (2nd Edition)

Glen M. MacDonald

Introduce students to the diversity embraced by the discipline of biogeography, revised and updated throughout

Biogeography: Space, Time and Life provides a comprehensive introduction to the study of large-scale geographic distributions of life, focusing on ecology, evolution, physical geography and conservation. Now in its second edition, this award-winning textbook illustrates key concepts in biogeography using engaging empirical examples of modern plant and animal distributions, long-term evolutionary history and current conservation



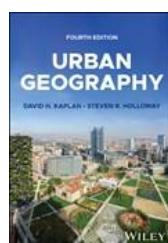
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Pub Date: 5/29/24
320 pages • Hardcover
Science / Earth Sciences / Geography

Regionalization of the World: Comparing Regional Integrations

Pierre Beckouche, Yann Richard

On the world map, macro-regions or global regions have gradually emerged, with varying degrees of success and following different trajectories. The authors of this book attempt to determine whether, within the context of globalization, these macro-regions have become an additional level in the spatial deployment of numerous actors, and whether they have come to stand between the national and global levels.

This question has arisen because the increasing scales of trade, environmental problems, migration routes, energy distribution, the construction of major infrastructures etc.



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528 pages • Paperback
Social Science / Human Geography

Urban Geography (4th Edition)

David Kaplan, Steven Holloway

Provides a comprehensive and up-to-date treatment of Urban Geography

The leading undergraduate textbook on the subject, *Urban Geography* covers the origins, historical development, and contemporary challenges of cities and metropolitan areas around the world. Incorporating the most recent research in urban studies, authors David H. Kaplan and Steven R. Holloway provide an overview of the dynamic field, introduce key elements of urban theory and methodology, analyze issues of immigration, ethnicity, and urbanism, and more.

Exploring the urban experience in a global context 16



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352 pages • Hardcover
History / Modern / 20Th Century

Rebel Angel: The Life and Times of Annemarie Schwarzenbach

Padraig Rooney

Annemarie Schwarzenbach was one of the twentieth century's most remarkable women, possibly the greatest sexual and political radical of the 1930s. But until now she's been largely ignored.

Born to a wealthy family in Switzerland, as a teenager she rebelled against her domineering pro-Nazi mother. She immersed herself in the antifascist, queer and artistic circles of the German diaspora of the 1930s. Her edgy glamour and androgynous beauty turned heads in the lesbian nightclubs of Weimar Berlin, on the ski slopes of St. Moritz, and in New York's bohemian hotels and jazz haunts.

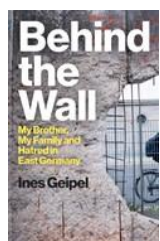


9781509559992
Pub Date: 12/31/24
224 pages • Hardcover
History / Europe / Germany

Beautiful New Sky: Fabricating Bodies for Outer Space in East Germany's Military

Ines Geipel, Nick Somers

It was a bold, ambitious and wildly arrogant idea: extending the reach of communism into space. Spurred on by the defeat of Hitler and the competitive rivalry with the United States, the Soviet space programme saw a frenetic surge of scientific activity focused on the objective of demonstrating Communist mastery beyond the confines of the Earth. In order to create the optimally standardized bodies that cosmonauts would require, top secret military laboratories were set up in 1970s East Germany. The New Man – the modern colonist of space – was intensively trained for the purpose of surviving ye...



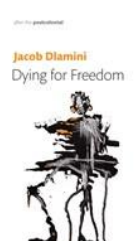
9781509559978
Pub Date: 7/30/24
200 pages • Hardcover
History / Europe / Germany

Behind the Wall: My Brother, My Family and Hatred in East Germany

Ines Geipel, Nick Somers

Germany, like many countries, has witnessed the rise of extremist far-right groups and parties in recent years, and no more so than in the eastern regions. Why have those parts of Germany that used to be part of the old GDR turned out to be so supportive of extremist groups and parties and such fertile ground for violence and hatred?

To try to find answers to this question, Ines Geipel, the former East German Olympic athlete, returns to her past in order to explore the matrix of fear and anxiety that shaped the lives of people in the GDR. Spurred on by



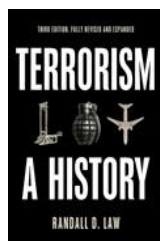
9781509561087
Pub Date: 9/23/24
180 pages • Paperback
History / Africa / South

Dying for Freedom: Political Martyrdom in South Africa

Jacob Dlamini

What happens when death becomes the ultimate marker of one's commitment to one's freedom? What happens when the opposite of freedom is not unfreedom but death, not slavery but mortality? How are we to think of the right to life when a political demand for dignity and honor might be more important than life itself?

Dying for Freedom explores these questions by drawing on archival evidence from South Africa to show how death and conflicting notions of sacrifice dominated the struggle for political equality in that country. This political



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Pub Date: 10/1/24
421 pages • Paperback
History

Terrorism: A History (3rd Edition)

Randall D. Law

In this third edition of his widely acclaimed survey, historian Randall D. Law makes sense of the history of terrorism by examining it within its broad political, religious and social contexts from the ancient world to the present day. In *Terrorism: A History*, Law reveals how the very definition of the word has changed, how the tactics and strategies of terrorism have evolved, and how those who have used it have adapted to revolutions in technology, communications, and political ideologies.

Terrorism: A History extensively covers topics as wide-ranging as jihadist violence, state terror, the Is...



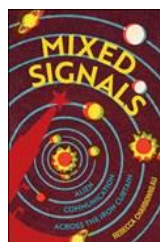
9781509561537
Pub Date: 9/11/24
122 pages • Paperback
History

A History of Rest

Alain Corbin, Helen Morrison

Rest occupies a space outside of sleep and alertness: it is a form of recuperation but also of preparation for what is to come, and is a need felt by human and animal alike. Through the centuries, different and conflicting definitions and forms of rest have blossomed, ranging from heavenly repose to what is prescribed for the modern affliction of burn-out. What has remained constant is its importance: long the subject of art and literature, everyone understands the need not to disturb the aimless, languishing, daydreaming Lotus-eater.

Not viewed simply as an antidote for fatigue, for a long



9781509556915
Pub Date: 12/31/24
256 pages • Hardcover
Science / Space Science

Mixed Signals: Alien Communication Across the Iron Curtain

Rebecca Charbonneau

In the shadow of the Cold War, whispers from the cosmos fueled an unlikely alliance between the US and USSR. The search for extraterrestrial intelligence (or SETI) emerged as a foundational field of radio astronomy characterized by an unusual level of international collaboration—but SETI's use of signals intelligence technology also served military and governmental purposes.

In this captivating new history of the collaboration between American and Soviet radio astronomers as they sought to detect evidence of extraterrestrial civilizations, historian Rebecca Charbonneau reveals the intertwined



9781509552665
Pub Date: 9/3/24
286 pages • Hardcover
Medical / History

Exposed: The Hidden History of the Pelvic Exam

Wendy Kline

The pelvic exam. If you've ever had one, you're probably already wincing. It might be considered a routine medical procedure, but for most of us, it is anything from unpleasant to traumatic.

In *Exposed*, noted historian Wendy Kline uncovers the procedure's fascinating—and often disturbing—history. From gynecological research on enslaved women's bodies to nonconsensual practice on anesthetized patients, the pelvic exam as we know it today carries the burden of its sordid past. Its story is one of pain and pleasure, life-saving discoveries and heartbreaking encounters,



Lustful Appetites: An Intimate History of Good Food and Wicked Sex

Rachel Hope Cleves

We take the edible trappings of flirtation for granted: chocolate covered strawberries and romance, oysters on the half shell and desire, the eggplant emoji and a suggestive wink. But why does it feel so natural for us to link food and sexual pleasure? Rachel Hope Cleves explores the long association between indulging in good food and an appetite for naughty sex, from the development of the Parisian restaurant as a place for men to meet with prostitutes and mistresses, to the role of sexual outlaws like bohemians, new women, lesbians and gay men in creating epicurean culture in Britain and the...

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History



Small, Medium, Large: How Government Made the U.S. into a Manufacturing Powerhouse

Colleen A. Dunlavy

We live in a world of seemingly limitless consumer choice. Yet, as every shopper knows without thinking about it, many everyday goods – from beds to batteries to printer paper – are available in a finite number of “standard sizes.” What makes these sizes “standard” is an agreement among competing firms to make or sell products with the same limited dimensions. But how did firms – often hotly competing firms – reach such collective agreements?

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History / United States / 20th Century

In exploring this question, Colleen Dunlavy puts the history of mass production and distribution in an entirely new light. She reveals that despite the...



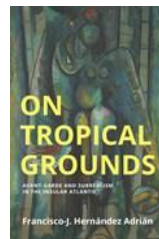
Homeland Insecurity: The Rise and Rise of Global Anti-Terrorism Law

Conor Gearty

In the decades following the 9/11 attacks, complex webs of anti-terrorism laws have come into play across the world, promising to protect ordinary citizens from bombings, hijackings and other forms of mass violence. But are we really any safer? Has freedom been secured by active deployment of state power, or fatally undermined?

In this groundbreaking new book, Conor Gearty unpacks the history of global anti-terrorism law, explaining not only how these regulations came about, but also the untold damage they have wrought upon freedom and human rights. Ranging from the age of colonialism to the C...

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Political Science / Terrorism



On Tropical Grounds: Avant-Garde and Surrealism in the Insular Atlantic

Francisco-J. Hernández Adrian, Richard Rosa

On Tropical Grounds develops a new approach to the avant-garde and Surrealism in Caribbean and Atlantic studies. The book examines how islands and their tropical associations figure in the cultural and political imaginaries of the Caribbean and the Atlantic, and identifies genealogies of local responses to continental fantasies of exotic insularity. Examining written and visual works that reflect on the Hispanic and Francophone Caribbean and the Canary Islands, as well as critical debates around discourses of insularity in island and metropolitan spaces, this book considers notions of ethnic p...

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Literary Collections / Caribbean & Latin American



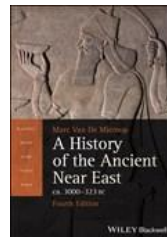
The Caribbean Race Reader: From Colonialism to Anticolonial Thought

Victoria J. Collis-Buthelezi, Aaron Kamugisha

This book is the first critical anthology in English on the history and legacy of race in the Caribbean. It brings together the major debates, lines of inquiry, and theories around race and racism that have emerged out of the Caribbean from the beginning of European colonization at the end of the fifteenth century to the period of decolonization in the aftermath of World War II. This critical anthology stakes out the unique contribution made by the region to the global history of race.

The Caribbean Race Reader provides students and scholars of the region with vital access to some of the

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History / Caribbean & West Indies



A History of the Ancient Near East ca. 3000 - 323 BC (4th Edition)

Marc Van De Mieroop

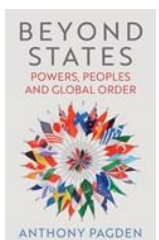
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—**Amanda H. Podany, Professor of History, Cal Poly Pomona**

“An outstanding resource for studying the history of the

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History / Ancient



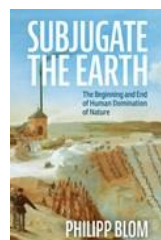
Beyond States: Powers, Peoples and Global Order

Anthony Pagden

Today, the majority of the peoples of the planet live in nation-states, based upon the idea, if never the reality, of a single people, a single culture, a single rule of law and a single source of sovereign authority. But will they continue to do so in the future?

None of the major challenges that confront humanity today – from climate change to disease, from terrorism to mass migration – can be handled effectively by single nation-states, no matter how powerful. The world is no longer made up only of states but also of an ever-increasing multitude of interstate networks and

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History / Modern

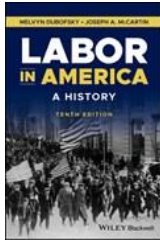


Subjugate the Earth: The Beginning and End of Human Domination of Nature

Philipp Blom

Subjugate the Earth traces the biography of a strange idea: the idea that human beings can subdue nature and rule over it. Born in Mesopotamia at the dawn of civilization, the idea of subjugating the Earth was included in the Bible, reached Europe through Christianity, and spread to the entire world through colonialism. The Enlightenment gave a scientific appearance to the ambition of controlling nature but did not change the ambition itself. Yet every birth presages a death. Only with the climate crisis has it become apparent that the subjugation of nature must be a self-defeating ambition,

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Labor in America: A History (10th Edition)

Melvyn Dubofsky, Joseph A. McCartin

The gold standard of American labor history references, updated to include the latest political, social, and economic developments of the 2020s

Labor in America: A History, Tenth Edition, is a comprehensive and authoritative discussion of the U.S. labor movement from the colonial era to the 2020s. Authors Melvyn Dubofsky and Joseph A. McCartin have expanded and updated their landmark text, incorporating significant recent events and their implications for American labor. The book addresses the continuing and evolving challenges faced by American workers, critical developments in U.S. labor his...

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496 pages • Paperback
History / United States /
20Th Century



The Concise Companion to Language Assessment

Antony John Kunnan

The Concise Companion to Language Assessment provides a state-of-the-art overview of the crucial areas of language assessment, teaching, and learning. Edited by one of the foremost scholars in the field, *The Concise Companion* combines newly commissioned articles on innovations in assessment with a selection of chapters from *The Companion to Language Assessment*, the landmark four-volume reference work first published in 2013.

Presented in eight themes, *The Concise Companion* addresses a broad range of language assessment

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Education / Evaluation &
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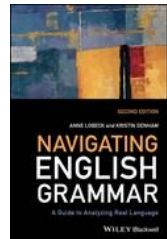
The Wiley Blackwell Encyclopedia of World Englishes, 6 Volume Set

Kingsley Bolton

The definitive reference work on the dynamic and evolving field of world Englishes

The Wiley Blackwell Encyclopedia of World Englishes is the first resource of its kind, providing authoritative coverage of the spread of English around the globe. Unparalleled in breadth and depth, this comprehensive reference work covers the linguistic features of geographical varieties of English worldwide and discusses critical issues, cultural-political considerations, language debates, language policies, and the sociolinguistic realities of English as an international language.

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Language Arts &
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Navigating English Grammar: A Guide to Analyzing Real Language (2nd Edition)

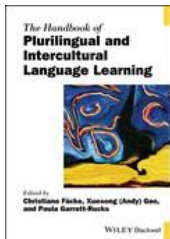
Anne Lobeck, Kristin Denham

Enables students to understand their assumptions and beliefs about the language they use every day

In *Navigating English Grammar*, Anne Lobeck and Kristin Denham offer an engaging introduction to the linguistic study of the structure of English. Teaching basic grammatical analysis through inquiry rather than memorization, this popular textbook encourages students to use their intuitive knowledge of language to make their own discoveries about the grammatical categories add principles of the grammar of English.

The book strikes a balance between basic descriptive

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288 pages • Paperback
Language Arts &
Disciplines / Grammar &
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The Handbook of Plurilingual and Intercultural Language Learning

Christiane Fäcke, Xuesong (Andy) Gao, Paula Garrett-Rucks

The most up-to-date reference text on the latest science in plurilingual and intercultural language education, covering both new research and current practice

The Handbook of Plurilingual and Intercultural Language Learning reveals the nuances and complexities of teaching and learning languages while providing a timely account of the most recent developments and research in the field. The first reference work to examine plurilingual and intercultural language teaching and learning trends across

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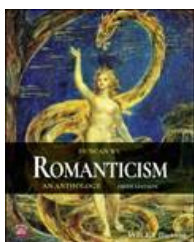
The Truth About English Grammar

Geoffrey K. Pullum

Do you worry that your understanding of English grammar isn't what it should be? It may not be your fault. For hundreds of years, vague and confused ideas about how to state the rules have been passed down from one generation to the next. The available books for the general reader – thousands of them, shamelessly plagiarizing each other – repeat the same misguided definitions and generalizations that appeared in the schoolbooks used by your great-great-grandparents.

Geoffrey K. Pullum thinks you deserve better. In this book he breaks away from the tradition. Presupposing no prior

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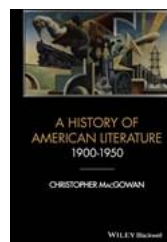
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Duncan Wu

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Standing as the essential work on Romanticism, Duncan Wu's *Romanticism: An Anthology* has been appreciated by thousands of literature students and their teachers across the globe since its first appearance in 1994. This Fifth Edition has been revised to reduce the size of the book and the burden of carrying it around a university campus. It includes the six canonical authors: Blake, Wordsworth, Coleridge, Keats, Byron, and Shelley. The Fourth Edition of the anthology, with complete and uncut texts of a wealth of Ro...

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Literary Criticism /
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A History of American Literature 1900 - 1950

Christopher MacGowan

A look at the first five decades of 20th century American literature, covering a wide range of literary works, figures, and influences

A History of American Literature 1900-1950 is a current and well-balanced account of the main literary figures, connections, and ideas that characterized the first half of the twentieth century. In this readable, highly informative book, the author explores significant developments in American drama, fiction, and poetry, and discusses how the literature of the period influenced, and was influenced by, cultural trends in both the United States and abroad.

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American



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80 pages • Hardcover
Biography &
Autobiography / Literary
Figures

Invisible Warfare: How Does a Book Defeat an Empire?

Liao Yiwu, Michael M. Day

As a writer, poet, musician and dissident, Liao Yiwu is one of the most important chroniclers and analysts of contemporary China. In his books, he draws on his own experiences of imprisonment and mistreatment at the hands of the Chinese state to criticise abuses of power and give a voice to the downtrodden and disenfranchised.

In this powerful memoir, Liao Yiwu reflects on his own journey from imprisonment in Sichuan to his current life in Berlin, where he now works as a full-time writer. As China's presence and influence on the international stage grows, this small book is a most pertinent read.

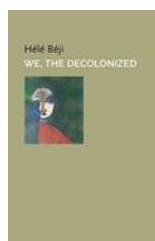


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240 pages • Hardcover
Fiction / Literary

Wuhan: A Documentary Novel

Liao Yiwu, Michael M. Day

As rumours of a strange new illness in Wuhan spread via social media in China, 25-year-old citizen reporter Kriss decides to travel to the epicentre of the disaster to try to find out what is really going on. He sees an ad for corpse carriers at a funeral home – Male or female, 16-50 years old, unafraid of ghosts – and decides to apply. He quickly realises that the official death figures bear no relation to what is happening in the local crematoria. But the brief moment when he can tell the truth to his followers on social media is soon over: he is discovered, followed and arrested by the sec...



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176 pages • Paperback
Political Science /
Colonialism &
Post-Colonialism

We, the Decolonized

Hélé Béji, Matthew B. Smith, Nouri Gana

We, the Decolonized is a passionate reflection on the pitfalls of the decolonial venture in postcolonial countries, with particular reference to North Africa. Hélé Béji shows that in many formerly colonized countries, the reality of independence took the form of elusive freedom, widespread disillusionment and the insidious survival of forms of domination bequeathed by former colonial powers.

Béji delivers an trenchant critique of decolonization: the saddest of all liberties, because it has not kept its promises. Those who had vanquished colonialism, vindicated



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224 pages • Paperback
Political Science /
Colonialism &
Post-Colonialism

Texturing Difference: "Black Consciousness Philosophy" and the "Script of Man"

Maurits van Bever Donker, Nadia Yala Kisukidi

This book situates the nuanced intervention of the Black Consciousness Movement in South Africa within the international conjuncture of anti-colonial thought and decolonization. It argues that the Black Consciousness Movement, in addition to its urgent political focus, should also be read as a philosophical intervention on the problem of Man that haunts the idea of race. As Steve Biko once famously said, apartheid will end; the real question is what comes after apartheid.

Maurits van Bever Donker argues that the Black Consciousness Movement found intellectual and



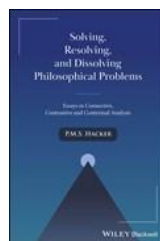
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Pub Date: 9/11/24
244 pages • Paperback
Political Science /
Colonialism &
Post-Colonialism

The Revolution Will Be a Poetic Act: African Culture and Decolonization

Mário Pinto de Andrade, Lanie Millar, Fabienne Moore

Foreword by Lanie Millar

This book is a collection of essays and speeches by Mário Pinto de Andrade, the Angolan literary critic, cultural theorist and political activist and one of Africa's most important 20th century intellectuals. His writings think through the task of intellectual emancipation of colonized people, which he saw as predicated on the necessary project of political decolonization. As anti-colonial movements got underway, Andrade wrote extensively about the urgent necessity for Africans to turn away from European cultural and intellectual traditions, towards their



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Philosophy / Movements
/ Analytic

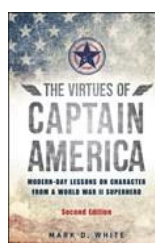
Solving, Resolving, and Dissolving Philosophical Problems: Essays in Connective, Contrastive and Contextual Analysis

P. M. S. Hacker

Equips readers with the intellectual tools required to tackle perennial philosophical problems

Solving, Resolving, and Dissolving Philosophical Problems is addressed to all who are interested in philosophical questions. It presupposes little philosophical knowledge, only curiosity and an open mind. It demands a willingness to learn not doctrine but method, and the courage to suspend judgement and to challenge received ideas.

Advocating the method of the 3 C-s: *Connective, Contrastive, and Contextual Analysis*, the book



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Moral Philosophy

The Virtues of Captain America: Modern-Day Lessons on Character from a World War II Superhero (2nd Edition)

Mark D. White

Learn how Captain America's timeless ethical code is just as relevant in the twenty-first century as it was during the 1940s

Captain America, or simply "Cap," provides an example of the virtues that define personal excellence, as well as the ideals and principles upon which the United States of America was founded. In *The Virtues of Captain America*, philosopher and long-time comics fan Mark D. White shows us that this fictional superhero's "old-fashioned" moral code is exactly what we need today to restore



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Philosophy / History &
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Rumors

Mladen Dolar

When Socrates was standing before the Athenian tribunal in 399 BC, he said in his defence that the opponents he feared most were the invisible ones, those who had been spreading rumors against him for years but none of whom were being brought to court – it was like fighting shadows. The moment was iconic: Socrates, the harbinger of logos and true knowledge, was eventually defeated by rumors and mendacious slander.

Where does the strange power of rumors come from? Everyone knows that rumors are unfounded and based on thin air, but still they pass them on: rumors spread, and



America: The Troubled Continent of Thought

Avital Ronell

What position does America occupy in the recent history of Western philosophy? At once the destination for a series of fantasies and the place from which a new relationship to thought originated, America incarnates a dark continent whose strangeness and singularity has driven thinkers outside of their own philosophical comfort zone – often forcing them to show anger, anxiety or desire towards what they considered a challenge or a threat.

This book provides a mapping of this complex relationship between America and philosophy through a series of examples drawn from a wide range of authors, fr...

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Philosophy / Movements
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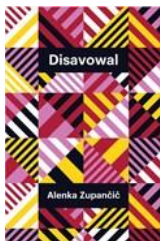
Making Multiplicity

Gerald Raunig

In this poetical-philosophical manifesto, Gerald Raunig develops a materialist philosophy of multiplicity. On the basis of seventeen conceptual innovations – from windy kin to transversal intellect, from dissemblage to technecologies, from minor masculinity to conindividual revolution – Raunig reformulates the question of revolutionary multiplicity.

Always staying close to contemporary social struggles and movements, the book starts from the contention that we are in need of a storm against identitarian domination, unification, and homogeneity. Raunig argues that the conceptual and political exp...

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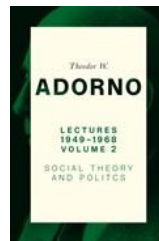


Disavowal

Alenka Zupancic

This book argues that the psychoanalytic concept of disavowal best renders the structure underlying our contemporary social response to traumatic and disturbing events, from climate change to unsettling tectonic shifts in our social tissue. Unlike denialism and negation, disavowal functions by fully acknowledging what we disavow. Zupancic contends that disavowal, which sustains some belief by means of ardently proclaiming the knowledge of the opposite, is becoming a predominant feature of our social and political life. She also shows how the libidinal economy of disavowal is a key element of c...

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Philosophy / History &
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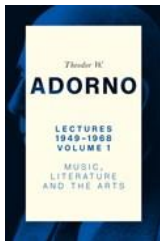
Lectures 1949-1968, Volume 2: Social Theory and Politics

Theodor W. Adorno, Nicholas Walker

When Theodor W. Adorno returned to Germany from his exile in the United States, he was appointed as a lecturer and researcher at the University of Frankfurt and he immediately made a name for himself as a leading public intellectual. Adorno's widespread influence on the postwar debates was due in part to the public lectures he gave outside of the university in which he analysed and commented on social, cultural and political developments of the time.

This second volume brings together Adorno's lectures between 1949 and 1968 on social theory and politics.

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Lectures 1949-1968, Volume 1: Music, Literature and the Arts

Theodor W. Adorno, Nicholas Walker

When Theodor W. Adorno returned to Germany from his exile in the United States, he was appointed as a lecturer and researcher at the University of Frankfurt and he immediately made a name for himself as a leading public intellectual. Adorno's widespread influence on the postwar debates was due in part to the public lectures he gave outside of the university in which he analysed and commented on social, cultural and political developments of the time.

This first volume brings together Adorno's lectures given between 1949 and 1968 on music, literature and the arts.

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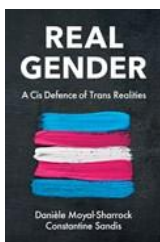


Becoming a Woman: Simone de Beauvoir and the Politics of Trans Existence

Megan Burke

This highly engaging analysis of the contemporary global social and political landscape of trans antagonisms draws specific attention to gender-critical mobilizations of Simone de Beauvoir's account of becoming a woman in *The Second Sex* to advance and justify trans-exclusionary positions. Through a careful examination and application of Beauvoir's philosophical and political commitments, *Becoming a Woman* compellingly explores the significance of her notion of becoming not only as affirmative of trans women, but also as an ethical demand to affirm trans possibilities.

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Philosophy



Real Gender: A Cis Defence of Trans Realities

Danièle Moyal-Sharrock, Constantine Sandis

Societies around the world are struggling to think clearly about trans realities and understand trans identities. *Real Gender* is the first book to present a cis defence of what it means to be transgender.

Moyal-Sharrock and Sandis delve into the various factors which make many trans people's experience of their gender (or lack thereof) as natural and unquestionable as that of cis people. While recognising the undeniably social aspects of gender, they find that gender cannot be completely divorced from our biological underpinnings. Contrary to popular opinion, gender self-identification does n...

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240 pages • Paperback
Philosophy / Social



The Human Animal: Why We Still Don't Fit into Nature

Markus Gabriel, Karl von der Luft

The climate crisis has forced us to recognize that we are not separate from nature but are part of the natural world on which we depend: human beings are animals and we must understand much better our place in nature and our impact on our environment if we are to avoid our own annihilation as a species. And yet we feel nevertheless that we do not entirely fit into nature, that we stand apart from other animals in some way – in what way, exactly?

Markus Gabriel argues that what distinguishes humans from other animals is that humans are minded living beings who seek to understand the world and its

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288 pages • Hardcover
Philosophy



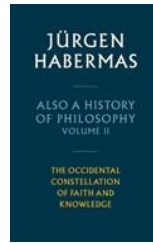
The Witcher and Philosophy: Toss a Coin to Your Philosopher

Matthew Brake, Kevin S. Decker

Embark on a revealing philosophical journey through the universe of The Witcher

"If I'm to choose between one evil and another, I'd rather not choose at all," growls the mutant "witcher," Geralt of Rivia. Andrzej Sapkowski's *Witcher* books lay bare the adventures of monster hunters like Geralt, who seek to avoid humanity's conflicts and live only for the next kill and the coin that comes with it. But Geralt's destiny is complicated by his relationship with a powerful sorceress, Yennefer of Vengerberg. When he connects with a displaced princess, Ciri, Geralt lands right in the middle of

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Philosophy

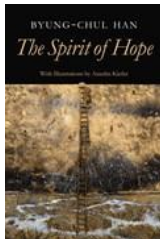


Also a History of Philosophy, Volume 2: The Occidental Constellation of Faith and Knowledge

Jürgen Habermas, Ciaran Cronin

In this second volume of his groundbreaking new work on the history of philosophy, Jürgen Habermas traces the development of Western thought from the reception of Platonism by early Christian thought, through the revolution in medieval philosophy and theology triggered by the rediscovery of Aristotle's works, up to the decoupling of philosophical and theological thought in nominalism and the Reformation that ushered in the postmetaphysical thinking of the modern age. In contrast to conventional histories that focus on movements and schools, Habermas takes the dialectic of faith and

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592 pages • Hardcover
Philosophy



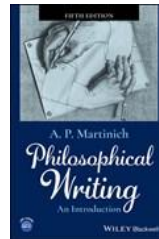
The Spirit of Hope

Byung-Chul Han, Daniel Steuer

A spectre is haunting us: fear. We are constantly confronted with apocalyptic scenarios: pandemics, world war, the climate catastrophe. Images of the end of the world and the end of human civilization are conjured up with ever greater urgency. Anxiously, we face a bleak future. Preoccupied with crisis management, life becomes a matter of survival.

But it is precisely at such moments of fear and despair that hope arises like a phoenix from the ashes. Only hope can give us back a life that is more than mere survival. Fear isolates people and closes them off from one another;

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111 pages • Hardcover
Philosophy



Philosophical Writing: An Introduction (5th Edition)

A. P. Martinich

Philosophical Writing helps students to think clearly and analytically, improve their essay-writing skills, and present their knowledge and thoughts in a precise and coherent manner. Acclaimed for its accessible, highly practical approach, this bestselling textbook emphasizes what students *should* do in crafting a philosophical essay, as well as other types of essays that analyze concepts across a variety of disciplines.

Tracing the evolution of a good philosophical essay from the draft stage to completion, the book's eleven chapters are purpose-built to serve the needs of a wide range of

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Byung-Chul Han: A Critical Introduction

Steven Knepper, Ethan Stoneman, Robert Wyllie

Byung-Chul Han is one of the most important living philosophers, renowned for his critiques of the digital age. In response to the idea that new technological devices expand our freedom, he argues that they lead to burnout and self-absorption and that we must redevelop contemplative practices which slow us down and open us up. He has brought to his thought forms of deep cosmopolitanism developed from both Zen Buddhism and a renewed Romanticism.

This book is the first critical introduction to Han's body of work. Knepper, Stoneman, and Wyllie explore Han's rich oeuvre to date and his incisive co...

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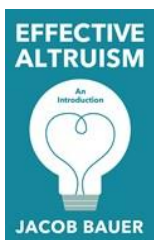
Mad Max and Philosophy: Thinking Through the Wasteland

Matthew P. Meyer, David Koepsell, William Irwin

Explore the philosophy at the core of the apocalyptic future of Mad Max

Beneath the stylized violence and thrilling car crashes, the *Mad Max* films consider universal questions about the nature of human life, order and anarchy, justice and moral responsibility, society and technology, and ultimately, human redemption. In *Mad Max and Philosophy*, a diverse team of political scientists, historians, and philosophers investigates the underlying themes of the blockbuster movie franchise, following Max as he attempts to rebuild himself and the world around him.

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Effective Altruism: An Introduction

Jacob Bauer

As the world faces increasingly complex problems – from pandemics to global poverty and climate change – how do we decide where to concentrate our efforts and resources to do the most good possible? Effective altruism offers a way to do just that, focusing on evidence and rational arguments to identify crucial issues and the most impactful ways of solving them.

In this new book, philosopher Jacob Bauer cuts through the uncritical hype and wholesale dismissal around effective altruism to offer a balanced overview of this movement's core concepts and approaches to "doing good better." With exam...

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Joker and Philosophy: Why So Serious?

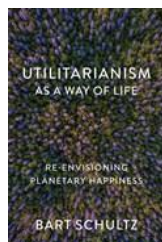
Massimiliano L. Cappuccio, George A. Dunn, Jason T. Eberl

A philosophical exploration of Joker and the meaning of the iconic antagonist's murderous escapades

A diabolically sinister but downish villain, Joker is a symbolically rich and philosophically fascinating character. Both crazed and cunning, sadistically cruel but seductively charming, the Clown Prince of Crime embodies everything opposed to the positive ideals of order and justice defended by the Batman. With his enigmatic motivations, infectious irreverence, and selfless devotion to evil, Joker never fails to provoke a host of philosophical questions.

Joker and Philosophy plumbs the existen

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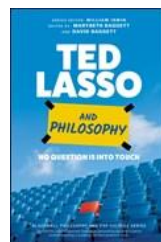
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Utilitarianism as a Way of Life: Re-envisioning Planetary Happiness

Bart Schultz

Utilitarianism – a commitment to ‘the greatest happiness for the greatest number’ – has been the target of endless opposition. According to its critics, it ignores the separateness of persons, cannot secure the protections of basic rights, demands extreme sacrifice, can justify anything – the list goes on. It has been implicated in the horrors of settler colonialism, imperialism, and racial capitalism, both historically and today, as the neoliberal world order faces a profound legitimization crisis.

Bart Schultz argues that utilitarian philosophy must be decolonized and reimagined for the present.



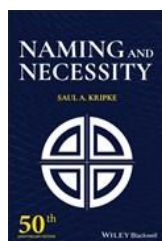
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Ted Lasso and Philosophy: No Question Is Into Touch

Marybeth Baggett, David Baggett, William Irwin

An accessible and engaging journey through the philosophical themes and concepts of *Ted Lasso*

Ted Lasso and Philosophy explores the hidden depths beneath the vibrant veneer of AppleTV’s breakout, award-winning sitcom. Blending philosophical sophistication with winsome appreciation of this feel-good comedy, the collection features 20 original essays canvassing the breadth of the series and carefully considering the ideas it presents, including the goal of competition, the role of mental health, sportsmanship, revenge versus justice, the importance of friendship, the imperative of respect for pe...



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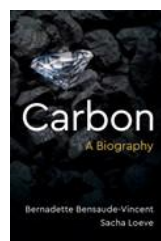
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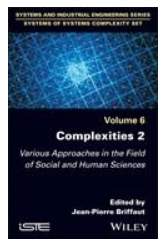


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Carbon: A Biography

Bernadette Bensaude-Vincent, Sacha Loeve, Stephen Muecke

Carbon is much more than a chemical element: it is a polymorphic entity with many faces, at once natural, cultural and social. Ranging across ten million different compounds, carbon has as many personas in nature as it has roles in human life on earth. And yet it rarely makes the headlines as anything other than the villain of our fossil-based economy, feeding an addiction which is driving dangerous levels of consumption and international conflict and which, left unchecked, could lead to our demise as a species. But the impact of CO₂ on climate change only tells part of the story, and to demon...



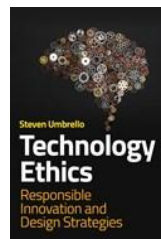
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Complexities 2: Various Approaches in the Field of Social and Human Sciences

Jean-Pierre Briffaut

Awareness of complexity in science and technology dates back to the 1970s. However, all social systems tend to develop structures that become more complex over time, be it within families, tribes, cities, states, or societal and economic organizations.

Complexities 2 covers a broad array of fields, from justice and linguistics to education and organizational management. The aim of this book is to show, without aiming to provide a comprehensive overview, the diversity of approaches and behaviors towards the obstacle of complexity in understanding and achieving human



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Technology Ethics: Responsible Innovation and Design Strategies

Steven Umbrello

Technologies cannot simply be understood as neutral tools or instruments; they embody the values of their creators and may unconsciously reinforce existing inequalities and biases.

Technology Ethics shows how responsible innovation can be achieved. Demonstrating how design and philosophy converge, the book delves into the intricate narratives that shape our understanding of technology – from instrumentalist views to social constructivism. Yet, at its core, it champions interactionism as the most promising and responsible narrative. Through compelling examples



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Philosophies of Technologies: Theory as Practice

Valerie Charolles, Elise Lamy-Rested

In the space of a century, technologies have acquired unprecedented power. The result of these developments is a new form of the world. These transformations test our capacities and generate new crises with multiple issues at stake.

Drawing on the lessons of a long history, *Philosophies of Technologies* examines the continuities and disruptions brought about by the power of contemporary technical systems, without reducing them to the digital age. It draws together 13 authors from different schools of thought and proposes to deconstruct the conditions



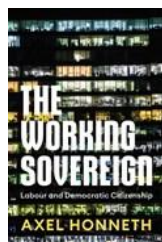
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The Self in the West and East Asia: Being or Becoming

Jin Li

From the fraught world of geopolitics to business and the academy, it’s more vital than ever that Westerners and East Asians understand how each other thinks. As Jin Li shows in this groundbreaking work, the differences run deep. Li explores the philosophical origins of the concept of *self* in both cultures and synthesizes her findings with cutting-edge psychological research to reveal a fundamental contrast.

Westerners tend to think of the self as *being*, as a stable entity fixed in time and place. East Asians think of the self as relational and embedded in a process of *becoming*. The



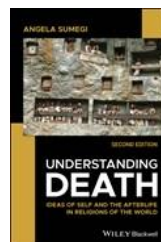
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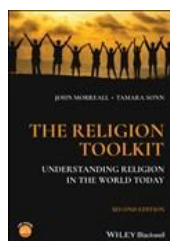
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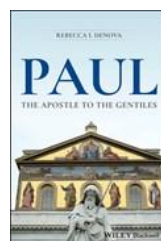
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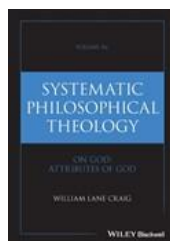
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Rebecca I. Denova

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Paul the Apostle is often acclaimed as "the true founder of Christianity," but many Christians are unaware of Paul's teachings in their historical context. *Paul: Apostle to the Gentiles* explores both Paul and his world in the first century, investigating how he integrated his values, politics, and daily life through his teachings on the nature of God, how humans relate to God, and how to live God's commandments.

With a multidisciplinary analysis



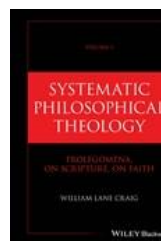
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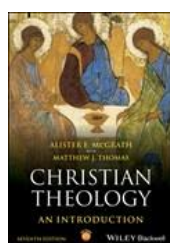
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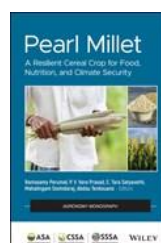
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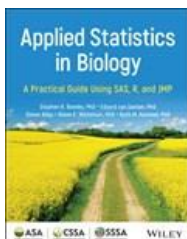
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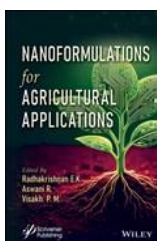
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This book examines state-of-the-art research, emerging challenges, and new opportunities in the field of nanoformulations for agriculture applications. Detailed discussions include the development and use of nanopesticides, nanoformulations for promoting plant growth, and nanotechnology for effective crop disease



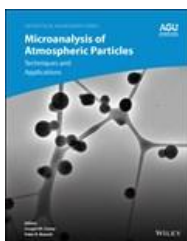
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Smart Agritech: Robotics, AI, and Internet of Things (IoT) in Agriculture

Santosh Kumar Srivastava, Durgesh Srivastava, Korhan
Cengiz, Pramod Gaur

The main goal of *Smart Agritech: Robotics, AI, and Internet of Things (IoT) in Agriculture* is to explore how emerging technologies such as robotics, artificial intelligence (AI), and IoT can be leveraged to improve efficiency, sustainability, and productivity in agriculture.

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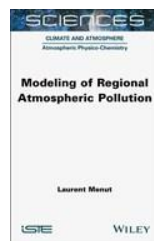
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Joseph M. Conny, Peter R. Buseck

Studying atmospheric particles from a microscopic perspective

Most of what is visible in the atmosphere—such as pollution, dust, haze, fog, and clouds—is due to micrometer- and nanometer-sized aerosol particles. It is important to understand the source, characteristics, and behavior of these small particles as they play a fundamental role in large-scale atmospheric processes.

Microanalysis of Atmospheric Particles: Techniques and Applications presents different microscopic techniques for studying aerosols and explores a range of applications in



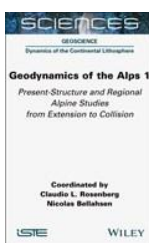
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Laurent Menut

This book describes the main concepts used to develop and implement chemistry-transport models to calculate the evolution of regional air pollution.

Since physico-chemical principles are already widely presented in various works, the perspective chosen for this book concerns the modeling of these processes. As modeling can be a simplification of reality in a particular study framework, we will try to show whether the processes represented are well modeled or not. For each process, we will discuss the simplifying assumptions that have been made, the various possible ways for improvement and the...



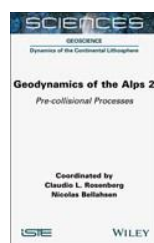
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The aim of this book is to create a space for experts on Alpine research to present the state of the art of specific subjects and provide their own interpretations.



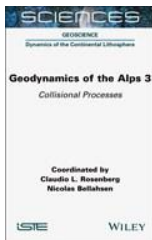
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The aim of this book is to create a space for experts on Alpine research to present the state of the art of specific subjects and provide their own interpretations.



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Claudio L. Rosenberg, Nicolas Bellahsen

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Rare Earth Elements: Sustainable Recovery, Processing, and Purification

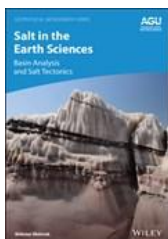
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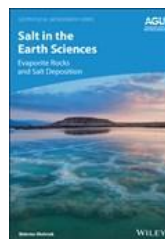
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Salt is formed when water rich in evaporite minerals accumulates on the Earth's surface and then evaporates. Over time, pressure and tectonics change the structure and shape of salt layers. Recent technological advances have improved the interpretation and modeling of subsurface salt structures.

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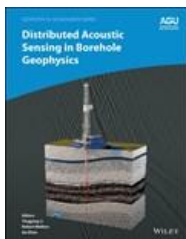
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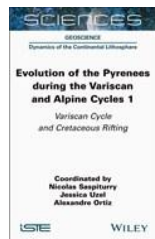
Distributed Acoustic Sensing in Borehole Geophysics

Yingping Li, Robert Mellors, Ge Zhan

Presents the latest advances in borehole distributed acoustic sensing and diverse applications for subsurface geophysics

Borehole geophysics involves measuring, imaging, and monitoring subsurface structures and activities by putting instruments into wellbores. Distributed acoustic sensing (DAS) technology is emerging as an effective and reliable tool in borehole geophysics because fiber-optic cables deployed at depth can produce high-quality data and images, even in harsh high-temperature and high-pressure environments.

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Science / Earth Sciences /
Geology



Evolution of the Pyrenees During the Variscan and Alpine Cycles, Volume 1: Variscan Cycle and Cretaceous Rifting

Nicolas Saspiturry, Jessica Uzel, Alexandre Ortiz

Evolution of the Pyrenees during the Variscan and Alpine Cycles 1 presents the evolution of geological knowledge of the Pyrenees as a result of major scientific research programs in the early 21st century.

This book, dedicated to the Variscan cycle and Cretaceous rifting, traces the evolution of the Pyrenean domain between 340 Ma and 90 Ma. It begins with an analysis of the state of knowledge of the Pyrenean basement, whose structure is inherited from the Variscan evolution of this

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Science / Earth Sciences /
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Landscapes on Fire: Impacts on Uplands, Rivers, and Communities

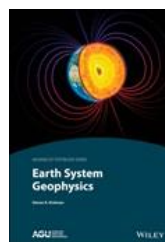
Ellen Wohl

Explores the effects of wildfires on land, water, vegetation, wildlife, and humans

Across the world, wildfires are increasing in frequency, extent, and severity, driven by changes in land use and climate. After the immediate hazards of fire and smoke have passed, landscapes and ecosystems can be left altered for decades.

Landscapes on Fire: Impacts on Uplands, Rivers, and Communities presents an overview of wildfires and their after-effects on different parts of the natural, biological, and human landscape, bringing together perspectives

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Science / Earth Sciences



Earth System Geophysics

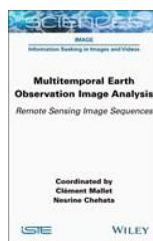
Steven R. Dickman

A textbook that approaches geophysics from an Earth System Science perspective

Geophysics helps us understand how our planet works by connecting complex real-world phenomena with fundamental physical laws. It provides the tools, both conceptual and quantitative, for understanding interactions between the different components of the Earth System: the solid earth, oceans, atmosphere, and biosphere.

Earth System Geophysics is a comprehensive textbook for upper-level undergraduate and graduate students in the Earth sciences that uses Earth System Science as the framework for learning about geophysics.

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Science / Physics /
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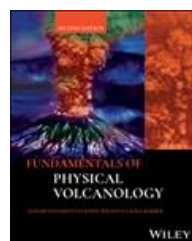
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272 pages • Hardcover
Technology & Engineering
/ Remote Sensing &
Geographic Information
Systems

Multitemporal Earth Observation Image Analysis: Remote Sensing Image Sequences

Clément Mallet, Nesrine Chehata

Earth observation has witnessed a unique paradigm change in the last decade with a diverse and ever-growing number of data sources. Among them, time series of remote sensing images has proven to be invaluable for numerous environmental and climate studies.

Multitemporal Earth Observation Image Analysis provides illustrations of recent methodological advances in data processing and information extraction from imagery, with an emphasis on the temporal dimension uncovered either by recent satellite constellations (in particular the Sentinels from the European Copernicus programme) or archival



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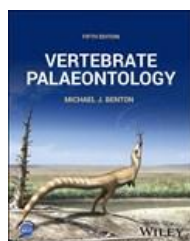
Fundamentals of Physical Volcanology (2nd Edition)

Elisabeth Parfitt, Lionel Wilson, Laura Kerber

The world's leading student text on physical volcanology offers an unmatched introduction to the field

In the newly revised second edition of *Fundamentals of Physical Volcanology*, the authors provide a comprehensive introduction to the processes that control when and how volcanoes erupt. The book addresses all aspects of modern volcanology, from petrology and geochemistry to rock physics, fluid dynamics and thermodynamics.

With the help of new and improved illustrations, this new



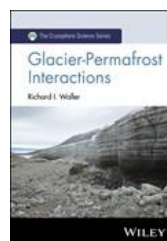
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Science / Paleontology

Vertebrate Palaeontology (5th Edition)

Michael J. Benton

All-new edition of the world's leading vertebrate palaeontology textbook, now addressing key evolutionary transitions and ecological drivers for vertebrate evolution

Richly illustrated with colour illustrations of the key species and cladograms of all major vertebrate taxa, *Vertebrate Palaeontology* provides a complete account of the evolution of vertebrates, including macroevolutionary trends and drivers that have shaped their organs and body plans, key transitions such as terrestrialization, endothermy, flight and impacts of mass extinctions on biodiversity and ecological drivers behind the o...



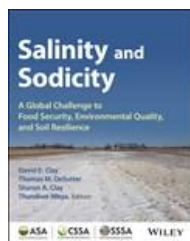
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Geology

Glacier-Permafrost Interactions

Richard I. Waller

Glacier-Permafrost Interactions
A systematic exploration of the interactions between glaciers and permafrost

In *Glacier-Permafrost Interactions*, experienced glaciologist Richard I. Waller delivers a comprehensive discussion of the interactions between glaciers and permafrost. The book is highly relevant to contemporary debates regarding ongoing recession of glaciers and the degradation of permafrost in the face of global warming. By integrating modern-era observations with findings from Quaternary science, this book demonstrates how glaciers and permafrost can interact and behave as an integra...



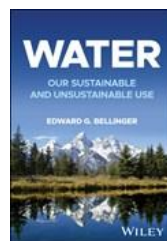
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192 pages • Paperback
Technology & Engineering
/ Agriculture / Agronomy

Salinity and Sodicty: A Growing Global Challenge to Food Security, Environmental Quality and Soil Resilience

David E. Clay, Thomas M. DeSutter, Sharon A. Clay, Thandiwe Nleya

Explore the growing problem of soil salinity and sodicty and its impact on the environment, profitability, the human population, and soil resilience

In *Salinity and Sodicty: A Global Challenge to Food Security, Environmental Quality, and Soil Resilience*, a team of distinguished educators delivers an expert discussion of salinity and sodicty management. This book is designed to improve the problem-solving capabilities of



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416 pages • Paperback
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Hydrology

Water: Our Sustainable and Unsustainable Use

Edward G. Bellinger

A holistic approach to humanity's global use and management of water resources

In *Water: Our Sustainable and Unsustainable Use*, distinguished environmental researcher Edward Bellinger delivers an unbiased and scientifically accurate exploration of every major area of the management and use of water by human beings. Readers will benefit from a coordinated and holistic approach to the subject, including sections covering needs, availability, governance, public health engineering, economics, the potential effects of climate change, water management, and sustainability, allowing the reader to unde...



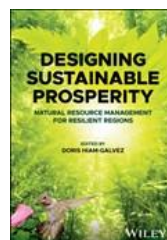
9781509565092
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240 pages • Hardcover
Political Science / Political
Economy

How We Sold Our Future: The Failure to Fight Climate Change

Jens Beckert, Ray Cunningham

For decades we have known about the dangers of global warming. Nevertheless, greenhouse gas emissions continue to increase. How can we explain our failure to take the necessary measures to stop climate change? Why are societies, despite the mounting threat to ourselves and our children, so reluctant to take action?

In this important new book, Jens Beckert provides an answer to these questions. Our apparent inability to implement basic measures to combat climate change is due to the nature of power and incentive structures



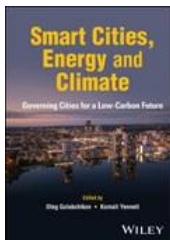
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160 pages • Paperback
Technology & Engineering
/ Environmental

Designing Sustainable Prosperity: Natural Resource Management for Resilient Regions

Doris Hiam-Galvez

Tried-and-tested approach for transforming economies that are based on natural resource extraction to create long-term prosperity

Designing Sustainable Prosperity (DSP) is a step by step blueprint for transforming economies from being dependent on short term natural resource extraction into long-term sustainable prosperity. The outcome is the creation of sustainable, circular economies that prioritise waste reduction and use recycling and renewable resources to actively implement climate change solutions. A key feature of the process is collaboration between local



Smart Cities, Energy and Climate: Governing Cities for a Low-Carbon Future

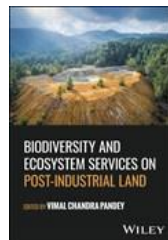
Oleg Golubchikov, Komali Yenneti

Collective insight of key thought leaders in the field to clarify and reshape the vision of smart cities

Smart Cities, Energy and Climate: Governing Cities for a Low-Carbon Future is a seminal work that draws together insights and case studies on post-carbon urbanism across a variety of fields—from smart energy grids to active buildings, sustainable mobility and urban design.

Another objective is to foster an understanding of how digitally-enhanced smart city solutions can assist energy transitions, and what new developments and challenges they bring in areas ranging from urban governance to a

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416 pages • Hardcover
Science / Earth Sciences /
Meteorology &
Climatology



Biodiversity and Ecosystem Services on Post-Industrial Land

Vimal Chandra Pandey

Guide to post-industrial site restoration and re-establishment of rich communities of plant species for the provision of key ecosystem services

In line with the UN sustainable development goals, *Biodiversity and Ecosystem Services on Post-Industrial Land* is an expert guide to ecological restoration of post-industrial lands, explaining how to re-introduce biodiversity and ecosystem services by implementing natural processes in the rehabilitation of disturbed sites. It covers both the initial stages associated with the improvement of physicochemical and biological substrate

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416 pages • Hardcover
Science / Environmental
Science



Planet Aqua: Rethinking Our Home in the Universe

Jeremy Rifkin

What would happen if we were to awaken one day and suddenly realize that the world we live in appeared eerily alien, as if we'd been teleported to some other distant world? That frightening prospect is now. Our planetary hydrosphere, which animates all of life on Earth, is rebelling in the wake of a global warming climate, spurring biblical spring floods, devastating summer droughts, heatwaves, and wildfires and powerful autumn hurricanes and typhoons, wreaking havoc on ecosystems and society.

For too long we have misjudged the very nature of our

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Pub Date: 9/3/24
360 pages • Hardcover
Science / Environmental
Science



Natural History of Silence

Jérôme Sueur, Helen Morrison

In our busy, noisy world, we may find ourselves longing for silence. But what is silence exactly? Is it the total absence of sound? Or is it the absence of the sound created by humans – the kind of deep stillness you might experience in a remote mountain landscape covered in snow, far away from the bustle of human life?

When we listen closely, silence reveals a neglected reality. Neither empty nor singular, silence is instead plentiful and multiple. In this book, eco-acoustic historian Jérôme Sueur allows us to discover a vast landscape of silences which trigger the full gamut of our emotions...

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240 pages • Paperback
Nature



A Guide to Managing Zoo Animal Welfare: A Behavioral Approach

Jason V. Watters, Bethany L. Krebs

Comprehensive reference detailing behavioral assessment techniques, behavioral approaches, and practical tools for animal welfare across different species

A Guide to Managing Zoo Animal Welfare delivers a step-by-step guide to behavioral assessment approaches, techniques, and tools for animal welfare with an emphasis on animals living in zoos and aquaria. The authors develop a unique "balance-based" approach that can be used to assess and enhance the welfare of a diverse range of species. Backed by extensive scientific literature, this book

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Science / Life Sciences /
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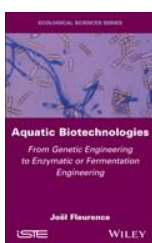
Big Data Analysis and Artificial Intelligence for Medical Sciences

Bruno Carpentieri, Paola Lecca

Big Data Analysis and Artificial Intelligence for Medical Sciences
Overview of the current state of the art on the use of artificial intelligence in medicine and biology

Big Data Analysis and Artificial Intelligence for Medical Sciences demonstrates the efforts made in the fields of Computational Biology and medical sciences to design and implement robust, accurate, and efficient computer algorithms for modeling the behavior of complex biological systems much faster than using traditional modeling approaches based solely on theory.

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Medical / Biostatistics



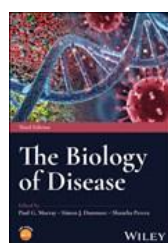
Aquatic Biotechnologies: From Genetic Engineering to Enzymatic or Fermentation Engineering

Joël Fleurence

Developed over several decades, the concept of aquatic biotechnology refers to aquatic organisms, be they of animal or plant origin. It involves transforming biological resources into products for human and animal consumption. The emergence of transgenic fish (such as AquAdvantage salmon) and their use as foodstuffs has reopened the societal debate on the place of genetically modified organisms in our diet.

This new aquaculture based on genetic engineering is known as the "blue revolution." However, "blue"

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Science / Biotechnology



The Biology of Disease (3rd Edition)

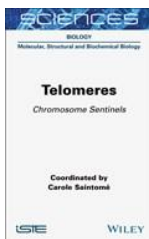
Paul G. Murray, Simon J. Dunmore, Shantha Perera

All-new edition of a classic textbook bridging the gap between human biology and clinical practice

The Biology of Disease provides a comprehensive overview of the principles of the disease process. Building on the success of previous editions, this all-new Third Edition reflects the unprecedented challenges that the global community now faces in the field, as well as advances in the basic sciences of cell biology, immunology, and the molecular mechanisms of disease, with all chapters extensively modified to ensure that they remain at the cutting edge of current knowledge.

Each section is fully

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624 pages • Paperback
Science / Life Sciences /
Biology



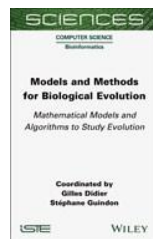
Telomeres: Chromosome Sentinels

Carole Saintome

Telomeres are specialized DNA–protein structures that protect the ends of chromosomes to maintain their integrity. They are chromosome sentinels. This book, written by multiple authors, presents current knowledge and the most recent discoveries relating to telomeres.

The first chapters describe telomere structures (DNA and proteins), organization, dynamics and replication in a range of organisms including ciliates, yeast and mammals. The following chapters cover mechanisms that maintain telomere length involving telomerase and Alternative Lengthening Telomeres (ALT) mechanisms. Interestingly, ...

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Cell Biology



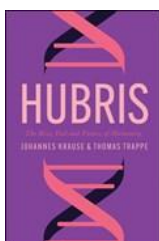
Models and Methods for Biological Evolution: Mathematical Models and Algorithms to Study Evolution

Gilles Didier; Stephane Guindon

Biological evolution is the phenomenon concerning how species are born, are transformed or disappear over time. Its study relies on sophisticated methods that involve both mathematical modeling of the biological processes at play and the design of efficient algorithms to fit these models to genetic and morphological data.

Models and Methods for Biological Evolution outlines the main methods to study evolution and provides a broad overview illustrating the variety of formal approaches used, notably including combinatorial optimization, stochastic

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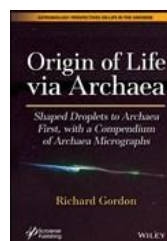
Hubris: The Rise, Fall, and Future of Humanity

Johannes Krause, Thomas Trappe, Sharon Howe

Humans are the most intelligent beings this planet has ever produced. But how is it that we can travel into space, cure diseases and decode the fundamentals of life, and at the same time find ourselves faced with an existential crisis that threatens to overwhelm us? What lies behind this uncharacteristic failure to master the most important challenge of our existence?

In this compelling book, the leading archaeogeneticist Johannes Krause and the journalist Thomas Trappe investigate what DNA can tell us about how we got where we are and what our future might be. They show how the first humans w...

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272 pages • Hardcover
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Evolution



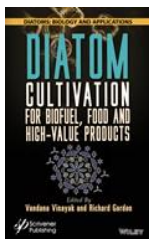
Origin of Life via Archaea: Shaped Droplets to Archaea First, with a Compendium of Archaea Micrographs

Richard Gordon

This book surveys the models for the origin of life and presents a new model starting with shaped droplets and ending with life as polygonal Archaea; it collects the most published micrographs of Archaea (discovered only in 1977), which support this conclusion, and thus provides the first visual survey of Archaea.

Origin of Life via Archaea's purpose is to add a new hypothesis on what are called "shaped droplets", as the starting point, for flat, polygonal Archaea, supporting the

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1264 pages • Hardcover
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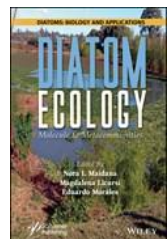
Diatom Cultivation for Biofuel, Food and High-Value Products

Vandana Vinayak, Richard Gordon

Diatom Cultivation for Biofuel, Food, and High-Value Products covers the scientific, economic, and practical aspects of using diatoms for multiple purposes. This book is an integrated approach to diatom cultivation, including discussions on techniques, harvesting methods, and innovative technologies. Diatom research has spawned more interest in biofuel production, serving as smart containers for biosensing pollutants and components of interest when integrated with different nanomaterials.

A unique set of features and topics about diatom products

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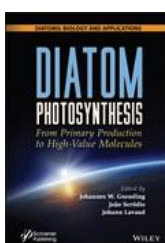
Diatom Ecology: Molecule to Metacommunities

Nora I. Maidana, Magdalena Licursi, Eduardo Morales

This book offers a comprehensive, unique and up-to-date exploration of diatom ecology spanning from fundamental molecular aspects to the intricate dynamics of metacommunities.

In recent years there has been a considerable increase in the amount of research devoted to diatom ecology, with a wide spectrum of approaches. This large amount of information, published in many different journals and books, makes it very difficult to keep up to date, both for the trained researcher and for students. Eduardo A. Morales (d. May 2023) had the original idea to assemble chapters on various subjects within ...

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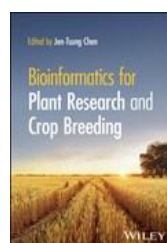
Diatom Photosynthesis: From Primary Production to High-Value Molecules

Johannes Wilhelm Goessling, João Serodio, Johann Lavaud

This comprehensive guide is designed for researchers, professionals, and students looking to deepen their knowledge of diatoms, including detailed information on diatom photosynthesis regulation at the molecular scale, as well as their significant ecological roles, all aimed at promoting sustainable advancements and the safeguarding of aquatic ecosystems.

Diatoms exert an immense influence on the ecosystem of Earth due to their remarkable abundance and species

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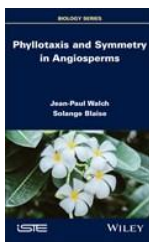
Bioinformatics for Plant Research and Crop Breeding

Jen-Tsung Chen

Explore and advance bioinformatics and systems biology tools for crop breeding programs in this practical resource for researchers

Plant biology and crop breeding have produced an immense amount of data in recent years, from genomics to interactome and beyond. Bioinformatics tools, which aim at analyzing the vast quantities of data produced by biological research and processes, have developed at a rapid pace to meet the challenges of this vast data trove. The resulting field of bioinformatics and systems biology is producing increasingly rich and transformative research.

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Phyllotaxis and Symmetry in Angiosperms

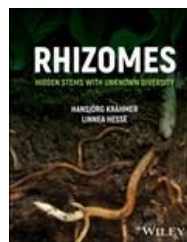
Jean-Paul Walch, Solange Blaise

Symmetry and the causes of shifts in different types of symmetries in flowers follow specific patterns that are ruled by developmental and genetic factors.

Using a unified system of phyllotaxic equations, we have modeled the molecular mechanisms and pressure forces that act in inflorescence and floral meristems, giving flowers their organ arrangement.

In this book, we state general physical principles, whereby the symmetry of the perianth is derived from the symmetry of certain TCP gene expression. Thus, we define the interplay between the expression of *CYC2*-like

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256 pages • Hardcover
Science / Life Sciences /
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Rhizomes: Hidden Stems with Unknown Diversity

Hansjoerg Kraehmer, Linnea Hesse

Comprehensive reference on the characteristics of rhizomes, stems growing roughly horizontally below ground level, important for perennial and hard-to-control weeds and for the propagation of some commercially important crops.

Rhizomes describes and compares rhizomes, classifies them based on their features, and presents their ecological and commercial importance.

The book is divided into seven parts. After a short introduction, Part I discusses the evolution of rhizomes and their function as organs. Part II provides an introduction into rhizomes of basal tracheophytes, formerly called

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416 pages • Hardcover
Science / Life Sciences /
Botany



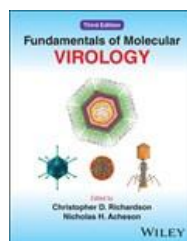
Chemistry, Biology and Pharmacology of Lichen

Ashoke Kumar Das, Ajay Sharma, Deepika Kathuria, Mohammad Javed Ansari, Garima Bhardwaj

Understand the properties and applications of one of the world's most ubiquitous flora

Lichen is a single entity comprising two or more organisms—most typically algae and fungus—in a symbiotic relationship. It is one of the planet's most abundant categories of flora, with over 25,000 known species across all regions of the globe. Lichens' status as a rich source of bioactive metabolites and phytochemicals, as well as their potential as bio-indicators, has given them an increasingly prominent role in modern research into

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352 pages • Hardcover
Science / Life Sciences /
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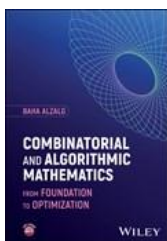
Fundamentals of Molecular Virology (3rd Edition)

Nicholas H. Acheson, Christopher Richardson

Comprehensive coverage of major families of viruses, including human pathogens and viruses of organisms from bacteria to plants, with updated information on antiviral drugs, vaccines, antiviral immunity, and gene therapy

Fundamentals of Molecular Virology is a textbook designed for university students learning about viruses at the undergraduate or graduate levels. Chapters contributed by prominent virologists cover many of the major virus families. Each chapter is designed to tell a story about the viruses covered, including information on discovery,

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384 pages • Paperback
Science / Life Sciences /
Virology



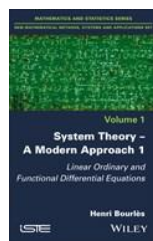
Combinatorial and Algorithmic Mathematics: From Foundation to Optimization

Baha Alzalal

Detailed review of optimization from first principles, supported by rigorous math and computer science explanations and various learning aids

Supported by rigorous math and computer science foundations, *Combinatorial and Algorithmic Mathematics: From Foundation to Optimization* provides a from-scratch understanding to the field of optimization, discussing 70 algorithms with roughly 220 illustrative examples, 160 nontrivial end-of-chapter exercises with complete solutions to ensure readers can apply appropriate theories,

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528 pages • Hardcover
Technology & Engineering
/ Operations Research



System Theory – A Modern Approach, Volume 1: Linear Ordinary and Functional Differential Equations

Henri Bourlès

The theory of dynamic systems is addressed in this book in accordance with the "modern" approach, heir to algebraic analysis, which has been implemented since the last decade of the 20th century.

After a reminder of the evolution of the representation of systems based on transfer functions or matrices, the duality of controllability and observability is revisited, and new results are produced concerning time-varying discrete-time systems.

To complete and improve the existing analyses, the roles

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320 pages • Hardcover
Mathematics / Differential
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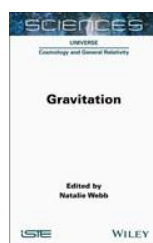
Matter: The Magnificent Illusion

Guido Tonelli, Edward Williams

What are we made up of? What holds material bodies together? Is there a difference between terrestrial matter and celestial matter – the matter that makes up the Earth and the matter that makes up the Sun and other stars? When Democritus stated, between the fifth and fourth centuries BCE, that we are made up of atoms, few people believed him. Not until Galileo and Newton in the seventeenth century did people take the idea seriously, and it was another four hundred years before we could reconstruct the elementary components of matter.

Everything around us – the matter that forms rocks and plane...

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224 pages • Hardcover
Science / Physics



Gravitation

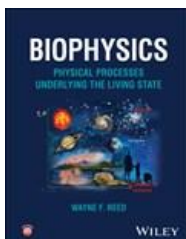
Natalie Webb

This book discusses in great detail the best theory of gravitation known to date: Albert Einstein's theory of general relativity.

Based on this theory, *Gravitation* examines compact objects (including white dwarfs, neutron stars and black holes) and gravitational waves, and then explores the importance of relativity in cosmology, the Big Bang and the organization of structure in the universe.

Many practical examples are also provided throughout the book.

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Pub Date: 8/13/24
352 pages • Hardcover
Science / Space Science /
Astronomy



Biophysics: Physical Processes Underlying the Living State

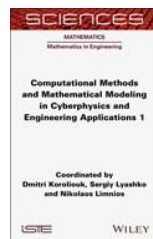
Wayne F. Reed

An introduction to the physics of living organisms

The field of biophysics employs the principles of physics to study biological systems, and introduces the concept of the living state. It is a multidisciplinary approach to the study of the living state combining physics, biochemistry, molecular and cell biology, medicine and engineering. The physics of macromolecules and macromolecular assemblies is a particularly important aspect of this broader field.

Biophysics: Physical Processes Underlying the living state offers an introduction to the general principles of the living

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528 pages • Hardcover
Science / Physics / Polymer

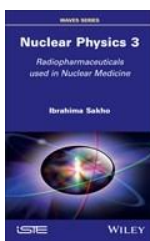


Computational Methods and Mathematical Modeling in Cyberphysics and Engineering Applications 1

Dmitri Koroliouk, Sergiy Lyashko, Nikolaos Limnios

Mathematical methods in engineering are characterized by a wide range of techniques for approaching various problems. Moreover, completely different analysis techniques can be applied to the same problem, which is justified by the difference in specific applications. Therefore, the study of the analyses and solutions of specific problems leads the researcher to generate their own techniques for the analysis of similar problems continuously arising in the process of technical development.

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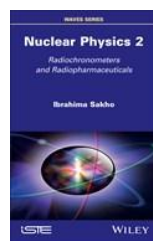
Nuclear Physics 3: Radiopharmaceuticals Used in Nuclear Medicine

Ibrahim Sakho

Nuclear Physics 3 presents the applications of various radioisotopes in nuclear medicine, with a focus on radiological imaging methods such as X-rays, γ scintigraphy – PET – MRI and ultrasound, which do not exploit the properties of radiopharmaceuticals. The book then presents the physicochemical and pharmacological properties of radiopharmaceuticals labeled with ^{99m}Tc , ^{201}Tl , $^{18}\text{m}\text{Kr}$, ^{18}F and the radioisotopes ^{123}I , ^{125}I and ^{131}I used in nuclear medicine.

The production chains for the radiotracers studied, as well as their main emissions, are then described in detail,

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288 pages • Hardcover
Science / Physics / Nuclear



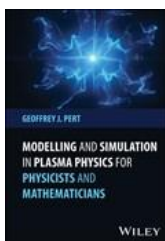
Nuclear Physics 2: Radiochronometers and Radiopharmaceuticals

Ibrahim Sakho

Nuclear Physics 2 explores the applications of various radioisotopes for dating and nuclear medicine imaging. It introduces the theoretical and experimental facts from the observation of the red shift in the spectrum of galaxies (1913), and the discovery of the cosmic microwave background (1965) that led to the validation of the Big Bang model, through which all known chemical elements are created via nucleosynthesis processes.

This introduction is followed by a description of the nuclear reactions involved in primordial, stellar, and explosive. The principles of carbon-14, potassium-argon, ur...

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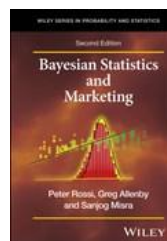
Modelling and Simulation in Plasma Physics for Physicists and Mathematicians

Geoffrey J. Pert

Unveiling the Secrets of Plasma Physics: A Practical Guide to Computational Simulations

Plasma physics focuses on the most abundant state of matter in the universe, corresponding to ionized gas comprising ions and electrons. It can be created artificially and has a huge range of technological applications, from television displays to fusion energy research. Every application of plasma technology requires its own numerical solution to the complex physical and mathematical equations which govern the research field of plasma physics.

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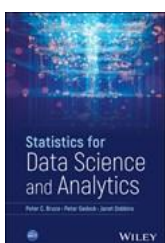
Bayesian Statistics and Marketing (2nd Edition)

Peter E. Rossi, Greg M. Allenby, Sanjog Misra

Fine-tune your marketing research with this cutting-edge statistical toolkit

Bayesian Statistics and Marketing illustrates the potential for applying a Bayesian approach to some of the most challenging and important problems in marketing. Analyzing household and consumer data, predicting product performance, and custom-targeting campaigns are only a few of the areas in which Bayesian approaches promise revolutionary results. This book provides a comprehensive, accessible overview of this subject essential for any statistically informed marketing

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400 pages • Hardcover
Business & Economics / Marketing / Research



Statistics for Data Science and Analytics

Peter C. Bruce, Peter Gedeck, Janet Dobbins

Introductory statistics textbook with a focus on data science topics such as prediction, correlation, and data exploration

Statistics for Data Science and Analytics is a comprehensive guide to statistical analysis using Python, presenting important topics useful for data science such as prediction, correlation, and data exploration. The authors provide an introduction to statistical science and big data, as well as an overview of Python data structures and operations.

A range of statistical techniques are presented with their implementation in Python, including hypothesis testing

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384 pages • Hardcover
Computers / Languages / Python



R-ticulate: A Beginner's Guide to Data Analysis for Natural Scientists

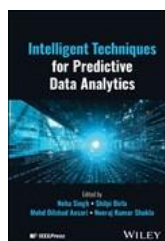
Martin Bader, Sebastian Leuzinger

An accessible learning resource that develops data analysis skills for natural science students in an efficient style using the R programming language

R-ticulate: A Beginner's Guide to Data Analysis for Natural Scientists is a compact, example-based, and user-friendly statistics textbook without unnecessary frills, but instead filled with engaging, relatable examples, practical tips, online exercises, resources, and references to extensions, all on a level that follows contemporary curricula taught in large parts of the world.

The content structure is unique in the sense that statistical

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224 pages • Hardcover
Mathematics / Probability & Statistics



9781394227969
Pub Date: 7/18/24
272 pages • Hardcover
Computers / Data
Science

Intelligent Techniques for Predictive Data Analytics

Neha Singh, Shilpi Birla, Mohd Dilshad Ansari, Neeraj Kumar Shukla

Comprehensive resource covering tools and techniques used for predictive analytics with practical applications across various industries

Intelligent Techniques for Predictive Data Analytics provides an in-depth introduction of the tools and techniques used for predictive analytics, covering applications in cyber security, network security, data mining, and machine learning across various industries. Each chapter offers a brief introduction on the subject to make the text accessible regardless of background

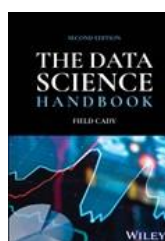


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Pub Date: 5/29/24
304 pages • Hardcover
Computers / Data
Science / Data Analytics

Data Analysis and Related Applications 3: Theory and Practice, New Approaches

Yiannis Dimotikalis, Christos H. Skiadas

The book is a collective work by a number of leading scientists, analysts, engineers, mathematicians and statisticians who have been working at the forefront of data analysis and related applications, arising from data science, operations research, engineering, machine learning or statistics. The chapters of this collaborative work represent a cross-section of current research interests in the above scientific areas. The collected material has been divided into appropriate sections to provide the reader with both theoretical and applied information on data analysis methods, models and techniques.



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Computers / Data
Science

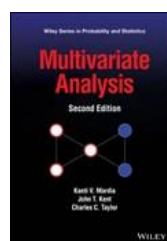
The Data Science Handbook (2nd Edition)

Field Cady

Practical, accessible guide to becoming a data scientist, updated to include the latest advances in data science and related fields.

Becoming a data scientist is hard. The job focuses on mathematical tools, but also demands fluency with software engineering, understanding of a business situation, and deep understanding of the data itself. This book provides a crash course in data science, combining all the necessary skills into a unified discipline.

The focus of *The Data Science Handbook* is on practical applications and the ability to solve real problems, rather than theoretical formalisms that



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592 pages • Hardcover
Mathematics / Probability
& Statistics / Multivariate
Analysis

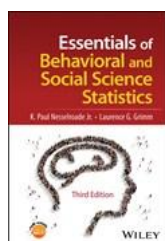
Multivariate Analysis (2nd Edition)

Kanti V. Mardia, John T. Kent, Charles C. Taylor

**Multivariate Analysis
Comprehensive Reference Work on Multivariate Analysis and its Applications**

The first edition of this book, by Mardia, Kent and Bibby, has been used globally for over 40 years. This second edition brings many topics up to date, with a special emphasis on recent developments.

A wide range of material in multivariate analysis is covered, including the classical themes of multivariate normal theory, multivariate regression, inference, multidimensional scaling, factor analysis, cluster analysis and principal component analysis. The book also now



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624 pages • Hardcover
Social Science / Statistics

Essentials of Behavioral and Social Science Statistics (3rd Edition)

K. Paul Nesselroade, Jr., Laurence G. Grimm

Comprehensive resource on applying statistical analyses to behavioral and social science research situations, with new examples, methods, and support for computing in Excel and SPSS

The Third Edition of *Essentials of Behavioral and Social Science Statistics* prompts the student to develop a deep understanding of the psychometric principles involved in the research process, as well as a mastery of the particular functionality of the most common statistical tools and an ability to properly select and use them in the real world; this goal is achieved thanks to the organization of the text,



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736 pages • Hardcover
Mathematics / Probability
& Statistics

Introduction to Time Series Analysis and Forecasting (3rd Edition)

Douglas C. Montgomery, Cheryl L. Jennings, Murat Kulahci

Bring the latest statistical tools to bear on predicting future variables and outcomes

A huge range of fields rely on forecasts of how certain variables and causal factors will affect future outcomes, from product sales to inflation rates to demographic changes. Time series analysis is the branch of applied statistics which generates forecasts, and its sophisticated use of time oriented data can vastly impact the quality of crucial predictions. The latest computing and statistical methodologies are constantly being sought to refine these predictions and increase the confidence with which impor...



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Communication Studies

Qualitative Research Methods: Collecting Evidence, Crafting Analysis, Communicating Impact (3rd Edition)

Sarah J. Tracy

Step-by-step advice for constructing a qualitative project from beginning to end, covering both foundational theory and real-world application

Qualitative Research Methods: Collecting Evidence, Crafting Analysis, Communicating Impact guides you through sequential stages of a qualitative research project, from project design and data collection to analysis, interpretation, and presentation. Drawing on her background in qualitative research methods and human communication, Sarah J. Tracy shares personal and



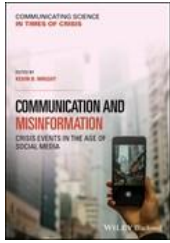
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448 pages • Hardcover
Language Arts &
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Communication Studies

The Handbook of Conflict and Peace Communication

Sudeshna Roy

An incisive collection of essays highlighting conflict and peace issues in the Global South, with coverage of theory, method, mediated, case-oriented, and innovative approaches

In *Handbook of Conflict and Peace Communication*, renowned communication and media scholar Dr. Sudeshna Roy delivers an authoritative exploration of a variety of critical conflicts in the world and a spectrum of approaches to peace communication. This book offers an in-depth view of how intricate and intractable conflicts can be and how the communicative aspects of conflict are



Communication and Misinformation: Crisis Events in the Age of Social Media

Kevin B. Wright

Exploring the influence misinformation has on public perceptions of the risk and severity of crisis events

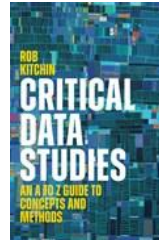
To what extent can social media networks reduce risks to the public during times of crisis?

How do theoretical frameworks help researchers understand the spread of misinformation?

Which research tools can identify and track misinformation about crisis events on social media?

What approaches may persuade those resistant to changing their perceptions of crisis events?

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240 pages • Paperback
Language Arts & Disciplines / Communication Studies



Critical Data Studies: An A to Z Guide to Concepts and Methods

Rob Kitchin

Critical Data Studies has come of age as a vibrant, interdisciplinary field of study. Taking data as its primary analytical focus, the field theorises the nature of data; examines how data are produced, managed, governed and shared; investigates how they are used to make sense of the world and to perform practical action; and explores whose agenda data-driven systems serve.

This book is the first comprehensive A-Z guide to the concepts and methods of Critical Data Studies, providing succinct definitions and descriptions of over 400 key terms, along with suggested further reading. The book is a

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272 pages • Paperback
Computers / Computer Science



Goffman and the Media

Peter Lunt

Erving Goffman's much-loved works are widely cited in media and communication studies. His books have stimulated research on news framing, mass media and social media, inviting new insights about how communication, self, audiences and public life are mediated by, but also transcend, particular technological forms. What explains the continuing relevance of this highly original theorist?

In this book, Peter Lunt critically examines how and why the concepts developed by Goffman – face-work and the mediated self, frontstage and backstage, impression management, media frames and logics, footing and...

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208 pages • Paperback
Social Science / Media Studies



Media Industries in the Digital Age: How Media Businesses Work Today

Amanda D. Lotz, Timothy Havens

The digital communication technologies that emerged at the turn of the century have profoundly disrupted long-practiced norms of nearly every media industry. In particular, internet distribution has fundamentally changed the foundation of the media industry to enable the emergence of new sectors while posing a challenge for others.

Media Industries in the Digital Age reframes our understanding of media businesses in the light of these substantial changes. To develop an integrated

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224 pages • Paperback
Social Science / Media Studies



Democratic Delusions: How the Media Hollows Out Democracy and What We Can Do About It

Natalie Fenton

A free media is inextricably linked to a healthy democracy, but in many parts of the world liberal democracies are deemed to be dying or on the demise – a demise that many forms of media have enabled while heralding themselves as democracy's saviour. The hollowing out of democracy in these ways has left many people questioning the value of (neo)liberal democratic societies. What can we do about it?

Democratic Delusions explores the potential of our media and tech systems to be democratic and contribute to a just and transformative democracy. This is a book for

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272 pages • Paperback
Social Science / Media Studies



The Space of the World: Can Human Solidarity Survive Social Media and What If It Can't?

Nick Couldry

Over the past thirty years, humanity has made a huge mistake. We handed over to big tech decisions that have allowed them to build what has become our "space of the world" – the highly artificial space of social media platforms where much of our social life now unfolds. This has proved reckless and has huge social consequences.

The toxic effects on social life, young people's mental health, and political solidarity are well known, but the key factor underlying all this has been missed: the fact that humanity allowed business to construct our space of the world. Nick Couldry's book is a

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288 pages • Paperback
Social Science / Media Studies



Power and Technology: A Theory of Social, Technical and Natural Power

Jan van Dijk

The definition of power varies across disciplines. Social scientists tend to deal with social power, philosophers of technology with the relation between technology and society, and ecologists with the relation between natural and social power. Concepts of power and technology are freely used but this relationship is complex and multifaceted.

In this analytic and ambitious textbook, Jan van Dijk brings these perspectives together to provide a more comprehensive answer. In attempting to integrate social, technical, and natural power into one framework, he

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Social Science / Media Studies



The Anti-Racist Media Manifesto

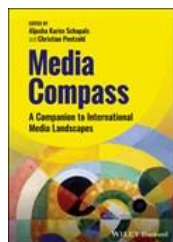
Anamik Saha, Francesca Sobande, Gavan Titley

How can we make media anti-racist?

The rise of the far right, the impacts of Covid-19, and the mediated evidence of racist police violence have challenged the dominant complacency that racism was a thing of the past. We are now witnessing the renewed anti-racist commitment of social movements and the rising authoritarianism that seeks to suppress it. Rather than making media 'less racist', how can media systems be transformed in ways that actively challenge the production of racism? What should an anti-racist media look like?

Saha, Sobande and Titley address these timely questions

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Social Science / Media Studies



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Social Science / Media Studies

Media Compass: A Companion to International Media Landscapes

Alijsha Karim Schapals, Christian Pentzold

An extensive and inclusive account of the media environments of 45 countries worldwide

In *Media Compass: A Companion to International Media Landscapes*, an international team of prominent scholars examines both long-term media systems and fluctuating trends in media usage around the world. Integrating country-specific summaries and cross-cutting studies of geopolitical regions, this interdisciplinary reference work describes key elements in the political, social, demographic, cultural, and economic conditions of media infrastructures and public communication.



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256 pages • Paperback
Computers / Interactive & Multimedia

Visual Methods for Digital Research: An Introduction

Sabine Niederer, Gabriele Colombo

Over the last decade, images have become a key feature of digital culture; at the same time, they have made a mark on a wide range of research practices.

Visual Methods for Digital Research is the first textbook to bring the fields of visual methods and digital research together. Presenting visual methods for digital and participatory research, the book covers both the application of existing digital methods for image research and new visual methodologies developed specifically for digital research. It encompasses various approaches to studying digital images, including the digitalization of



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Computers / Internet / Social Media

Twitch

Mark R. Johnson

Twitch is the leading live streaming platform in most of the world and an integral part of contemporary digital gaming culture. Millions of people broadcast their game play (as well as other activities) to over a hundred million people who regularly visit the site.

In this accessible book, Mark R. Johnson offers both a synthesis of existing Twitch research and a new way to understand Twitch as a public forum for gaming. Drawing on ideas of the ancient Greek *agora* or public forum, Johnson demonstrates how Twitch has become the key location for game players looking to understand what is contempor...



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224 pages • Paperback
Philosophy / Political

Mobile Media Methods

Larissa Hjorth, Gerard Goggin

Mobile media such as smartphones, apps, and social media are an integral part of everyday life, used by billions of people around the world. For students and researchers, mobile media also offer a treasure trove of new concepts, methods, and techniques to do research – representing a new phase in digital methods. Across disciplines, researchers rely upon mobile media for quantitative and qualitative projects, to gather data and document sound and images, engage with participants, and disseminate findings.

This is the first textbook devoted to explaining these



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256 pages • Paperback
Philosophy / Political

Podcasting

Jeremy Wade Morris

Podcasting burst onto the media landscape in the early 2000s. At the time, there were hopes it might usher in a new wave of amateur and professional cultural production and represent an alternate model for how to produce, share, circulate, and experience new voices and perspectives. Twenty years later, podcasting is at a critical juncture in its relatively young history: a moment where the early ideals of open standards and platform-neutral distribution are giving way to services that prioritize lean-back listening and monetizable media experiences.

This book provides an accessible and compr...



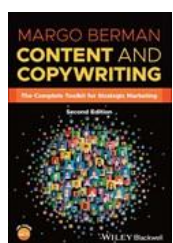
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Philosophy / Political

Digital Touch

Carey Jewitt, Sara Price

Touch matters. It is fundamental to how we know ourselves and each other, and it is central to how we communicate. Digital touch is embedded in many technologies, from wearable devices and gaming hardware to tactile robots and future technologies. What would it be like if we could hug or touch digitally across distance? How might this shape our sense of connection? How might we establish trust or protect our privacy and safety?

Digital Touch is a timely and original book that addresses such questions. Offering a rich account of digital touch, the book features diverse theoretical perspectives and deb...



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Business & Economics / Advertising & Promotion

Content and Copywriting: The Complete Toolkit for Strategic Marketing (2nd Edition)

Margo Berman

Learn to create powerful, strategic copy for multiple channels, platforms, and storytelling templates

Today, just writing strong content or catchy copy isn't enough. You must also know how to create gripping messages and interactive engagement.

Content and Copywriting: The Complete Toolkit for Strategic Marketing is your one-stop resource to sharpen your skills and explore innovative methods to reach your audience. This comprehensive real-world guide helps you create content for any device and consumer touchpoint by



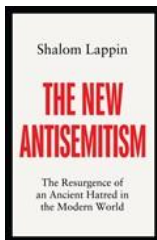
9781786306388
Pub Date: 7/18/24
256 pages • Hardcover
Business & Economics / Entrepreneurship

Environmental Transition and Technological Change Transition

Smail Ait-El-Hadj

Faced with the scale and intensity of the ecological crisis, environmental transition is underway, consisting of a first phase of technological mutation, aimed at replacing technologies harmful to the environment with those which have no destructive effects on the earth system and its equilibrium.

This book examines the roots of the concept of environmental transition, identifying and characterizing the negative effects of technology on the environmental crisis. We will then identify the technological mutations that have the potential to contribute to environmental transition, and



The New Antisemitism: The Resurgence of an Ancient Hatred in the Modern World

Shalom Lappin

Generations raised after the Second World War took for granted a world of stability and prosperity, and with it the waning of ancient hatreds. Recent decades have been more sobering. Instability and extremism have returned in force. As Shalom Lappin explains in this worrying book, an upsurge of antisemitism across the political spectrum has accompanied them. Recent events in the Middle East have transformed it into a tidal wave.

Lappin explores in particular the disturbing correlation between the expansion of economic globalization and the return of the anti-Jewish ideas that we thought had be...

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256 pages • Hardcover
Philosophy / Political



Latina/os in the United States: Diversity and Change (2nd Edition)

Rogelio Sáenz, Maria Cristina Morales, Coda Rayo-Garza

As the major driver of US demographic change, Latinos are reshaping key aspects of the social, economic, political, and cultural landscape of the country.

In this second edition of *Latina/os in the United States*, Sáenz, Morales, and Rayo-Garza highlight the experiences of Latinos in a variety of domains, including gender and sexuality, education, political engagement, work and economic life, family, religion, health and health care, crime and victimization, mass media, and the arts. This updated edition includes the latest demographic trends, differences among generations of Latinos, the

9781509537112
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416 pages • Paperback
Social Science / Cultural & Ethnic Studies / American



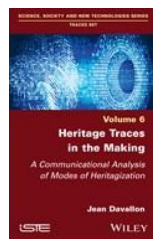
Science and Politics

Ian Boyd

The recent coronavirus pandemic proved that the time-old notion seems now truer than ever: that science and politics represent a dash of cultures. But why should scientists simply "stick to the facts" and leave politics to the politicians when the world seems to be falling down around us?

Drawing on his experience as both a research scientist and an expert advisor at the centre of government, Ian Boyd takes an empirical approach to examining the current state of the relationship between science and politics. He argues that the way politicians and scientists work

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Science



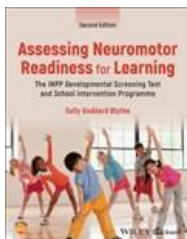
Heritage Traces in the Making: A Communicational Analysis of Modes of Heritagization

Jean Davallon

The world is full of traces of the past, ranging from things as different as monuments and factories to farms, eco-museums, landscapes, mountaineering and even woven-grass bridges. These traces must be protected and passed on to future generations.

Communicational analysis shows that these traces have acquired the status of heritage by becoming communicative beings imbued with a new social life. Up until the 1970s and 1980s, granting this status was the prerogative of the state. New modes then emerged,

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Science / Applied Sciences



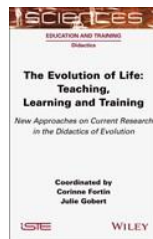
Assessing Neuromotor Readiness for Learning: The INPP Developmental Screening Test and School Intervention Programme (2nd Edition)

Sally Goddard Blythe

Updated INPP training manual for determining immature neuromotor skills in children and associated interventions to improve neuromotor ability

The substantially revised and expanded Second Edition of *Assessing Neuromotor Readiness for Learning* is a long-established INPP training manual that has been consistently proven in practice which includes neuromotor skill tests for children, a developmental movement

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Juvenile Nonfiction / Neurodiversity



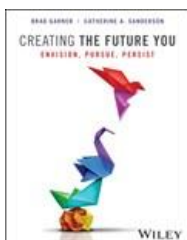
The Evolution of Life: Teaching, Learning and Training - New Approaches on Current Research in the Didactics of Evolution

Corinne Fortin, Julie Gobert

The aim of this collective work is to give an account of the topicality and dynamics of new research in the didactics of evolution, by articulating francophone and international work.

The various contributions pursue a reflection on the challenges of teaching and learning about evolution, based on historical, epistemological and societal approaches. The themes addressed illustrate the vitality and diversity of research issues in educational sciences, from primary school to university.

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Education / Philosophy, Theory & Social Aspects



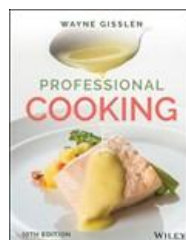
Creating the Future You: Envision, Pursue, Persist

Brad Garner, Catherine A. Sanderson

Helps students navigate their college experience and increase their opportunities for success

Creating The Future You: Envision, Pursue, Persist is an engaging, appealing, and encouraging introduction to higher education, providing a unique recipe for students to succeed and thrive in college and beyond. An innovative mixture of reading, video, and interactive learning activities, this concise and student-friendly textbook guides students of various backgrounds, perspectives, and academic abilities through the challenges and opportunities of their first year at college.

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Education / Adult & Continuing Education



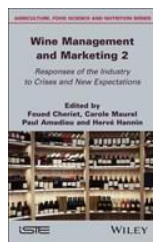
Professional Cooking (10th Edition)

Wayne Gisslen

CLEAR, IN-DEPTH INSTRUCTION ON CRITICAL COOKING THEORIES AND TECHNIQUES FOR CULINARY STUDENTS

The Tenth Edition of *Professional Cooking* reflects the changing nature of our understanding of cooking and related fields such as food safety, nutrition, and dietary practices, as well as the latest thinking about how best to teach this material. Chapters include relevant cultural and historical background for international recipes and cooking practices. What has not changed is the core material that focuses on the essentials—the comprehensive understanding of ingredients and basic cooking techniques

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Cooking / Methods / Professional



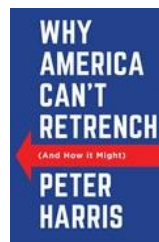
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368 pages • Hardcover
Business & Economics /
Marketing

Wine Management and Marketing, Volume 2: Responses of the Industry to Crises and New Expectations

Foued Cheriet, Carole Maurel, Paul Amadiou, Herve Hannin

With increased competition from new wine-producing countries and substitute products, declining wine consumption, climate change, health crises and geopolitical contexts, the wine industry has been facing serious difficulties in recent years. Paradoxically, however, this recent period also offers new opportunities.

Through the presentation of original research results, reading grids, illustrations and case studies, *Wine*



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Pub Date: 11/13/24
272 pages • Paperback
Political Science /
American Government

Why America Can't Retrench (And How it Might)

Peter Harris

Even as growing polarization and hyper-partisanship define society and politics at home, American leaders seem to agree on one thing: US military dominance abroad is essential for national security and international stability. This is despite an upswing in popular support for "doing less" overseas.

What explains Washington's blinkered view of its foreign policy options? Why is the pursuit of military primacy so deeply entrenched in America that alternative approaches have become unthinkable?

The answer, argues Peter Harris, can be found at the level

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Parliamentary History: Parliament, Peace and The Succession 1710 - 14

David W. Hayton, Michael Page



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Political Science

Superpower Europe: The European Union's Silent Revolution

Marc De Vos

The European Union is in a state of revolution. In response to new global realities from the climate crisis to the Covid-19 pandemic, the war in Ukraine to the emerging cold war with China, the EU is transforming into a federal superpower in a new world order.

In this timely intervention, Marc De Vos gets to the heart of the challenges facing the European Union as it undergoes this silent revolution. Charting its changing mission and identity from a European community into a geostrategic coalition of Eurasian countries; from a union



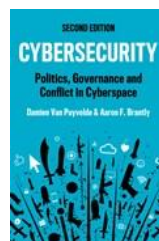
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208 pages • Paperback
Social Science / Gender
Studies

Hounded: Women, Harms and the Gender Wars

Jenny Lindsay

The last decade has seen countless cases of women being fired, disciplined, protested or no-platformed for their views on sex and gender. Whether high-profile celebrities or previously unknown feminists, such women's vocal non-belief in 'gender identity' as a universal human condition bears a high social cost. These 'houndings' are often presented starkly, clinically, in headlines or fleeting social media moments, stripped of the true cost of holding such beliefs.

But what is the reality behind the headlines and noise? What are the true consequences of holding – and living



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Political Science /
Intelligence & Espionage

Cybersecurity: Politics, Governance and Conflict in Cyberspace (2nd Edition)

Damien Van Puyvelde, Aaron F. Brantly

In the last decade, the proliferation of billions of new Internet-enabled devices and users has significantly expanded concerns about cybersecurity. How much should we worry about cyber threats and their impact on our lives, society and international affairs? Are these security concerns real, exaggerated or just poorly understood?

In this fully revised and updated second edition of their popular text, Damien Van Puyvelde and Aaron F. Brantly provide a cutting-edge introduction to the key concepts, controversies and policy debates in cybersecurity today.



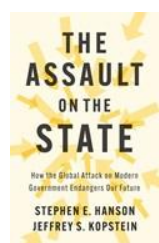
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Political Science /
Intelligence & Espionage

National Security Intelligence: Secret Operations in Defense of the Democracies (3rd Edition)

Loch K. Johnson

National security intelligence is a vast, complex and intriguing topic, made doubly hard for citizens to understand because of the thick veils of secrecy that surround it.

In the third edition of his authoritative introduction to the field, world-renowned intelligence expert Loch K. Johnson guides readers skillfully through this shadowy side of government. Drawing on over forty years of experience studying intelligence agencies and their activities, he



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182 pages • Hardcover
Political Science / World

The Assault on the State: How the Global Attack on Modern Government Endangers Our Future

Stephen E. Hanson, Jeffrey S. Kopstein

What if the state as we know it didn't exist? Our air would be poisonous, our votes uncounted, and our markets dysfunctional. Yet across the world, in countries as diverse as Hungary, Israel, the U.K., and the U.S., attacks on the modern state and its workforce are intensifying. They are morphing into power grabs by self-aggrandizing politicians who attempt to seize control of the state for themselves and their cronies. What replaces the modern state once it is fatally undermined is not the free market and the flowering of personal liberty. Instead, the death of



Flawed Strategy: Why Smart Leaders Make Bad Decisions

Beatrice Heuser

Why did Volodymyr Zelensky doubt that Russia was preparing a full-scale invasion of Ukraine in 2022? Why did British Prime Minister Neville Chamberlain decide to 'do business with Herr Hitler' in Munich in 1938? And how was it that Israeli elites dismissed intelligence warnings of the Hamas attack in 2023? Had they not learned their lesson from the Egyptian–Syrian attack on Yom Kippur fifty years earlier?

In all these cases, smart decision makers misjudged their adversaries, largely because they failed to understand how their enemies' actions and strategies were shaped by

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Political Science / Security
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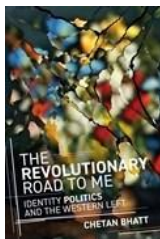
Israel-Palestine: Federation or Apartheid?

Shlomo Sand, Robin Mackay

Since the brutal massacre perpetrated by Hamas on 7 October and the subsequent bombing and invasion of Gaza, the Israeli-Palestinian conflict has been thrust back to the centre of the world's attention. How can this deep-rooted conflict, stretching back for more than 75 years, be brought to an end? What kind of political structure might one day enable Israelis and Palestinians to overcome the seemingly interminable cycle of violence and live in peace with one another?

For many years, politicians and citizens of different persuasions have called for a two-state solution – two

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History / Modern



The Revolutionary Road to Me: Identity Politics and the Western Left

Chetan Bhatt

How can the left be credible when it can't decide what a woman is? How can antiracists fight for equality if they promote fictions about race? If identity politics is the answer, why are so many Western left organizations being damaged by it?

As the culture wars rage, this compelling book examines why much of the Western political left has foundered because of identity politics. Identity issues have mired many good organizations in intractable conflicts and deflected them from their purpose. In ignoring poverty and inequality, the Western left has lost its

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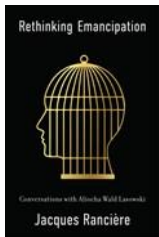
The War Against the Past: Why The West Must Fight For Its History

Frank Furedi

A war is being waged against the Past. Whether it's toppling statues, decolonising the curriculum or erasing terms from our vocabulary, a cultural crusade is underway designed to render the past toxic. It is condemned as enemy territory and has become the target of venomous hate. What is at stake in provoking such a strong sense of societal shame towards Western history?

In this book, Frank Furedi mounts a fierce defence of the past and calls for a fight back against the delegitimization of its ideals and accomplishments. Casting the past as a

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Political Science /
Commentary & Opinion



Rethinking Emancipation: Conversations with Aliocha Wald Lasowski

Jacques Rancière, Andrew Brown

Faced with growing inequalities and new forms of domination and exploitation, can the movement of emancipation take on a new life today, or has it been arrested by the powers of repression and normalization?

In order to address this question, Jacques Rancière pays close attention to the sociopolitical rhythms of our time, listening for the figures of trembling and oscillation that are often drowned out by the deafening hubbub of the media. He questions the relationship between democracies and the very concept of democracy, and questions what, in the

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Philosophy / Political



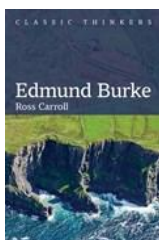
G. A. Cohen: Liberty, Justice and Equality

Christine Synnawich

G. A. Cohen was one of the towering political philosophers of the late twentieth and early twenty-first centuries. His intellectual career was unusually wide-ranging, and he was celebrated internationally not only for his penetrating ideas about liberty, justice and equality, but also for his method, a highly original and influential combination of analytical philosophy and Marxism.

Christine Synnawich guides readers through the rich body of Cohen's work. By identifying five paradoxes in his thought, she explores the origins of his interest in analytical philosophy, his engagement with the ide...

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288 pages • Paperback
Philosophy / Political



Edmund Burke

Ross Carroll

Few thinkers have provoked such violently opposing reactions as Edmund Burke. A giant of eighteenth-century political and intellectual life, Burke has been praised as a prophet who spied the terror latent in revolutionary or democratic ideologies, and condemned as defender of social hierarchy and outmoded political institutions.

Ross Carroll tempers these judgments by situating Burke's arguments in relation to the political controversies of his day. Burke's writings must be understood as rhetorically brilliant exercises in political persuasion aimed less at defending abstract truths than at wa...

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Philosophy / Political



You Can't Teach That!: The Battle over University Classrooms

Keith E. Whittington

Who controls what is taught in American universities – professors or politicians?

The answer is far from clear but suddenly urgent. Unprecedented efforts are now underway to restrict what ideas can be promoted and discussed in university classrooms. Professors at public universities have long assumed that their freedom to teach is unassailable and that there were firm constitutional protections shielding them from political interventions. Those assumptions might always have been more hopeful than sound. A

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Education / Schools /
Levels



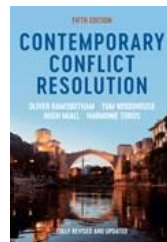
China's Quest for Military Supremacy

Joel Wuthnow, Phillip C. Saunders

China's military has entered a new era. It has acquired modern weapons to rival the world's finest, undergone a massive restructuring under Xi Jinping, and been on the frontlines of territorial disputes with Japan, India, Vietnam, and the Philippines. It is readying forces to be able to seize Taiwan sometime in the next decade. It aims to be a "world-class" military on par with the United States.

China's Quest for Military Supremacy provides a broad and accessible exploration of Chinese military power, including relations between the Chinese Communist Party and its army, the strategic worldvie...

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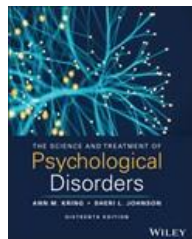
Contemporary Conflict Resolution (5th Edition)

Oliver Ramsbotham, Tom Woodhouse, Hugh Miall, Harmonie Toros

The indispensable guide to conflict resolution in a troubled world

Conflict prevention and resolution, peacekeeping, and peacebuilding have never been more important as priorities on the global agenda. The wars in Ukraine and Gaza, and tensions between the major powers in what is now a multi-polar world, require new conflict resolution responses. The fifth edition of this hugely popular text offers a commanding overview of today's changing conflict landscape and the latest developments and new ideas in

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Political Science / Peace



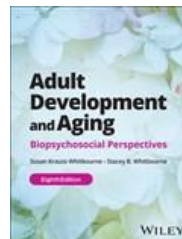
The Science and Treatment of Psychological Disorders (16th Edition)

Ann M. Kring, Sheri L. Johnson

The Science and Treatment of Psychological Disorders blends theory and research with practice and clinical application to provide learners with a solid foundation in psychological disorders and develop their understanding with up-to-date and relevant research, examples, and contexts.

From its first edition, the focus of this book has always been on balancing contemporary research and clinical application while involving the learner in the problem-solving engaged in by clinicians and scientists. It continues to emphasize an integrative approach, showing how

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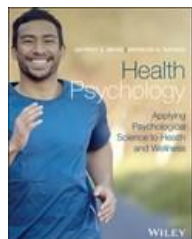
Adult Development and Aging: Biopsychosocial Perspectives (8th Edition)

Susan K. Whitbourne, Stacey B. Whitbourne

Presents an integrative, student-friendly approach to understanding the impact of biological, psychological and social processes on individuals throughout the aging process

Acclaimed for its depth, currency, and easily accessible presentation, *Adult Development and Aging*, helps students understand the aging process both in themselves and in those around them, approaching the subject from the biopsychosocial perspective: a model of adult development that takes into account the influences and interactions of complex biological, psychological, and social

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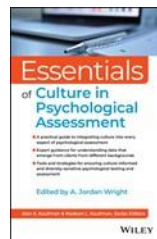
Health Psychology: Applying Psychological Science to Health and Wellness

Jeffrey S. Nevid, Spencer A. Rathus

BRINGS THEORY AND RESEARCH TOGETHER IN PRACTICE TO HELP READERS ADOPT HEALTHIER BEHAVIORS

Health Psychology: Applying Psychological Science to Health and Wellness brings the contributions of health psychologists to students with an approach that makes their study of the subject personally meaningful. Encouraging students to examine their own health-related behaviors and attitudes, the text presents students with the latest research findings that inform our understanding of the interrelationships between psychology and health.

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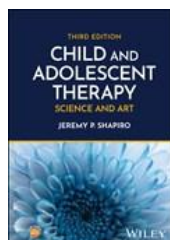
Essentials of Culture in Psychological Assessment

A. Jordan Wright

Integrate cultural awareness and humility into your psychological assessments

In *Essentials of Culture in Psychological Assessment*, editor Jordan A. Wright curates a collection of invaluable work that helps psychological assessors be more deliberate in acknowledging—and, in some cases, mitigating—the role that culture and cultural experiences can play in the psychological assessment process. It encourages assessors to think about cultural issues as they relate to clients, including the cultural background clients bring with them to the assessment and the oppressive experiences

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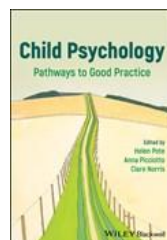
Child and Adolescent Therapy: Science and Art (3rd Edition)

Jeremy P. Shapiro

The most comprehensive textbook on the theory, research, and practice of child and adolescent therapy

Child and Adolescent Therapy: Science and Art is a unique textbook that introduces readers to all the major theoretical orientations (CBT, family systems, etc.) and applies them to the common diagnostic categories (anxiety, disruptive behavior, etc.). Rather than championing one therapeutic approach above the others, it identifies the strengths and applicability of each, with an emphasis on matching strategies to client needs and

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Psychology /
Psychotherapy / Child &
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Child Psychology: Pathways to Good Practice

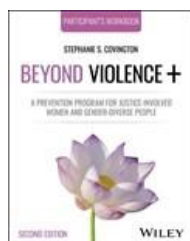
Helen Pote, Anna Picciotto, Clare Norris

An inclusive guide to developing confidence and competence in daily practice

Attending to the psychological needs of children in distress is an enormously challenging and rewarding endeavour. Successful clinical child psychologists are both practitioners and scientists, integrating the application of existing theory, current knowledge, and evidence-based research into their practice.

In *Child Psychology: Pathways to Good Practice*, a highly experienced team of clinicians and researchers provides effective treatment practices and toolkits to assist in custom-tailoring therapies for young patient

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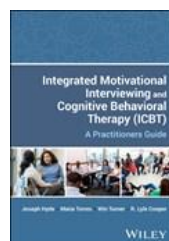
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Psychology

Beyond Violence+: A Prevention Program for Justice-Involved Women and Gender-Diverse People, Participant's Workbook (2nd Edition)

Stephanie S. Covington

A gender-responsive, trauma-informed path forward for incarcerated women

Beyond Violence: A Prevention Program for Criminal Justice-Involved Women is a comprehensive, evidence-based program specifically designed to meet the unique needs of women in correctional settings who have committed a violent crime. In 20 carefully designed sessions, it identifies personal factors correlated with violence, examines the importance of relationships, and explores how violence can manifest in various settings.



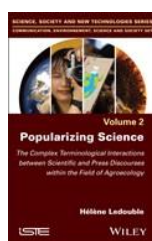
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Integrated Motivational Interviewing and Cognitive Behavioral Therapy (ICBT): A Practitioners Guide

Joseph Hyde, Maria Torres, Win Turner, R. Lyle Cooper

A practical approach to clinical interventions applicable to a range of mental health diagnoses

Integrated Motivational Interviewing and Cognitive Behavioral Therapy (ICBT) for Adults is a guide for practitioners looking for evidence-based clinical interventions that are portable across settings and diagnoses. Written in plain English and with an emphasis on step-by-step instructions, this valuable toolkit collects strategies and interventions that have been shown to be effective in substance use disorder, depression, anxiety,



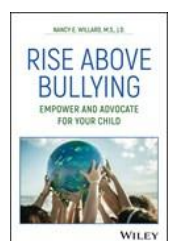
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240 pages • Hardcover
Science / Cognitive
Science

Popularizing Science: The Complex Terminological Interactions between Scientific and Press Discourses within the Field of Agroecology

Hélène Ledouble

Media coverage of scientific issues is a highly complex process. It involves making a specialized field accessible to the general public, without necessarily disseminating the associated scientific terms or knowledge.

The terminological interactions between press discourses and scientific knowledge are presented within the field of agroecology. The analysis of textual data focuses on articles in the general press in French and English, devoted to plant protection practices using natural mechanisms (biological control).



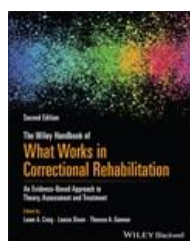
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Education / Educational
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Safety

Rise Above Bullying: Empower and Advocate for Your Child

Nancy E. Willard

Is your child experiencing emotional distress because they are being bullied?

Rise Above Bullying: Empower and Advocate for Your Child provides research-based and legally grounded guidance that will enable parents to gain greater insight into how to support their bullied child. This resource helps prepare parents on how to empower their child and advocate on how schools should take the necessary actions to get this harmful environment to stop. Professionals who are supporting young people through counseling or advocacy, as well as educators, will also



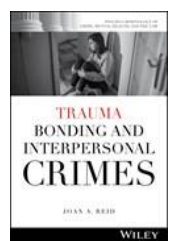
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Psychology / Forensic
Psychology

The Wiley Handbook of What Works in Correctional Rehabilitation: An Evidence-Based Approach to Theory, Assessment and Treatment (2nd Edition)

Learn A. Craig, Louise Dixon, Theresa A. Gannon

Theory, assessment, and treatment strategies for offenders across forensic populations, with practical examples and discussion of often overlooked cultural considerations

The Wiley Handbook of What Works in the Rehabilitation of People Who Have Offended comprehensively outlines effective rehabilitation strategies for offenders while acknowledging the challenges in implementation and discussing ethical considerations, potential biases, and the



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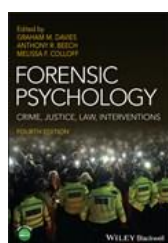
Trauma Bonding and Interpersonal Crimes

Joan A. Reid, Heng Choon (Oliver) Chan

A COLLECTION OF RECENT RESEARCH AND REAL-LIFE REPORTS ON TRAUMA BONDING IN MANY CONTEXTS OF INTERPERSONAL VIOLENCE

Trauma bonding, the emotional attachment victims develop toward their abusers or captors, has been repeatedly observed in victims of interpersonal crimes – yet little is known about its formation, persistence, and positive resolution in survivors.

Trauma Bonding and Interpersonal Crimes provides a timely review of existing theoretical conceptualizations and research findings on trauma bonding in relation to various forms of interpersonal crimes including human trafficking



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Psychology / Forensic
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Forensic Psychology: Crime, Justice, Law, Interventions (4th Edition)

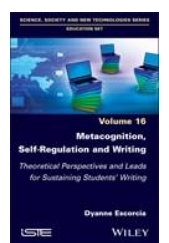
Graham M. Davies, Anthony R. Beech, Melissa F. Colloff

FORENSIC PSYCHOLOGY

Complete introduction to forensic psychology and understanding psychology's expanding influence on the study of law, crime, and criminality

Highlighting the often-sizable gap between media myths surrounding forensic practice and reality, *Forensic Psychology* presents a broad range of topics within the field, including detailed treatments of the causes of crime, investigative methods, the trial process, and interventions with different types of offenders and offenses.

To aid in reader comprehension, this Fourth Edition is

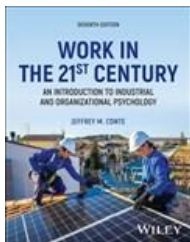


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Education / Philosophy,
Theory & Social Aspects

Metacognition, Self-Regulation and Writing: Theoretical Perspectives and Leads for Sustaining Students' Writing

Dyanne Escorcia

Students' difficulties in producing texts that meet the requirements of academic writing are a recurring concern for teaching staff and those responsible for university courses. Various initiatives are currently being taken, mainly at undergraduate level, to help students improve the quality of their writing. Research into metacognitive processes and the self-regulation of learning can be used to support the design of these writing support systems, particularly by providing a better understanding of the students' difficulties.



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James R. Kok, Arthur E. Jongsma, Jr.

Over 1,300 well-crafted treatment goals, objectives and interventions for many of life's thorniest problems

For pastoral counselors and clergy people seeking effective therapeutic techniques, *The Pastoral Counseling Treatment Planner* is a lifesaver. And for secular therapists integrating elements of their clients' spirituality into treatment process, this book can guide the way. Patterned after the bestselling *The Adult Psychotherapy Treatment Planner*, this resource draws on a variety of Western religious belief systems and offers step-by-step guidelines

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Social Science / Social Work



On a Discourse that Might not Be a Semblance: The Seminar of Jacques Lacan, Book XVIII

Jacques Lacan, Jacques-Alain Miller, Bruce Fink

The title is, at first glance, enigmatic. Clue: it concerns men and women—their most concrete, amorous, and sexual relations in everyday life, as well as in their dreams and fantasies. It has nothing to do with what biology studies under the heading of sexuality, of course. Must we leave this field to poetry, novels, and ideologies? Lacan attempts to provide a logic for it here—one that is quite cunning.

In the sexual realm, it is not enough to be; one must also exhibit. That is true of animals. Ethology has detailed the



First Writings

Jacques Lacan, Russell Grigg

Before he became an analyst, Lacan was a psychiatrist. The articles in the present volume would not be being republished if they didn't invite us to read them retroactively. What can they teach us about the formation of this future analyst?

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Psychology / Psychotherapy / Psychoanalysis

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128 pages • Hardcover
Psychology / Psychotherapy / Psychoanalysis

Lacan's clinical approach is rooted in the uniqueness of each case, which is only ever chosen for its "singularity". Each one must necessarily present an "original character" or be "atypical". One might recognise from the outset an orientation towards the "one-by-one" required by the practice of psychoanalysis.



Real World Research (5th Edition)

Colin Robson

Provides students and practitioner alike with clear and systematic guidance on performing social research in applied settings

Real World Research supplies the multidisciplinary skills necessary to conduct social research projects inside and outside of the classroom or the workplace. Offering well-balanced coverage of qualitative, quantitative, and mixed methods, this highly practical resource incorporates approaches from different social science disciplines to help readers find answers to real-life research questions in healthcare, education, business and management, and in many other public ...

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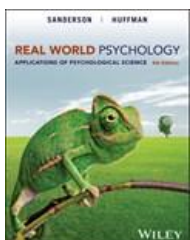
Adjustment and Growth: Psychology and the Challenges of Life (15th Edition)

Spencer A. Rathus, Jeffrey S. Nevid

Brings theory and research together to help students adapt to sources of stress in their everyday and academic lives

Adjustment and Growth: Psychology and the Challenges of Life reveals the many ways that psychology relates to our lives while illustrating how psychological concepts and principles can help us adapt to the real-world issues we face. With a lively and conversational writing style, authors Spencer Rathus and Jeffrey Nevid show us how to apply psychology to confront a variety of life challenges, such as managing time, developing self-identity, building and

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Psychology



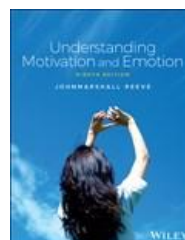
Real World Psychology: Applications of Psychological Science (4th Edition)

Catherine A. Sanderson, Karen R. Huffman

A comprehensive college-level introduction to the field of psychology.

Real World Psychology: Applications of Psychological Science provides a well-balanced survey of the field, with emphasis on scientific thinking and practical applications of psychological science that can expand, enhance, and change students' experience of the world around them. Every chapter engages students through illustrative examples and cases, thought-provoking questions, and real psychological research.

Updated with recent research that underscores the



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Johnmarshall Reeve

Comprehensive reference on the nature of motivation and emotion, thoroughly updated with the latest research and findings in the field

Understanding Motivation and Emotion seeks to answer perennial questions, such as "What do people want?" and "How do I motivate self and others?" through evidence-based recommendations that enable readers to solve practical concerns.

This newly updated and revised Eighth Edition addresses applied issues, speaking more to daily motivational problems and situations such as how to promote

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The Continuum of Care Treatment Planner offers clinicians a timesaving, evidence-based guide that helps to clarify, simplify, and accelerate the process of planning treatments for adults and adolescents. The authors provide a thorough introduction to treatment planning, along with the elements necessary to quickly and easily develop formal, customizable treatment plans. Treatment planning



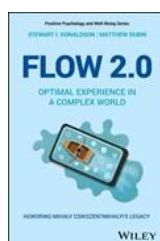
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288 pages • Paperback
Social Science / Social
Work

Managing Mental Illness After COVID-19 Infection

Stephanie A. Collier

A concise, practical guide to the mental health effects of COVID-19 and its treatments

Managing Mental Illness After COVID-19 Infection is a resource for people affected by COVID-19 and their loved ones. As the long-term effects, especially the psychiatric effects, evolve and become more common, people are increasingly searching for answers. This book reviews presentations and treatments for mental illnesses post-COVID-19. Readers will learn about the use of medications, supplements, and behavioral interventions to address these conditions.



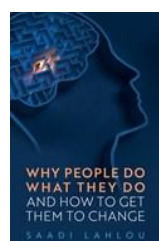
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144 pages • Paperback
Psychology

Flow 2.0: Optimal Experience in a Complex World. Honoring Mihaly Csikszentmihalyi's Legacy

Stewart I. Donaldson, Matthew Dubin

How the pioneering co-founder of the field of positive psychology can help us navigate our increasingly complicated world

Over the years since Mihaly Csikszentmihalyi first published *Flow: The Psychology of Optimal Experience*, the field of positive psychology has become a rigorous, evidence-based discipline. Dr. Csikszentmihalyi's pioneering work on "flow," a state in which one is completely absorbed in a task or activity, continues to make lasting, positive impacts on individuals, groups, organizations, and societies around the world.



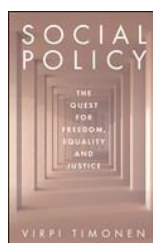
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204 pages • Paperback
Psychology / Social
Psychology

Why People Do What They Do: And How to Get Them to Change

Saadi Lahlou

Why do people behave in the way they do and how can we get them to change?

Drawing on a large body of empirical research, Lahlou shows that people's behaviour is predictable and shaped by 'installations' combining three sets of factors: what is technically possible (affordances of the environment), what people are able to do (embodied competences), and what monitors and controls behaviour (social regulation). These channel our behaviour and incline us to act one way or another in specific circumstances – in the way, for



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Political Science / Public
Policy / Social Policy

Social Policy: The Quest for Freedom, Equality and Justice

Virpi Timonen

Concepts like freedom, equality and justice have many uses – and even more misuses. In seeking to manage an increasingly complex world, it is more important than ever to think carefully about the meaning of such concepts which are central to policy debates and integral to implementing effective social policy around the world.

This concise and readable book is a guide to those essential social policy concepts. In addition to freedom, equality and justice, the book covers concepts like social risks and rights that are critical for understanding welfare states and economic social justice.



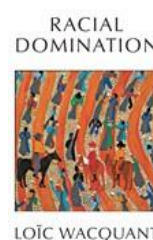
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240 pages • Hardcover
Social Science / Social
Classes & Economic
Disparity

The Privileged Few

Clive Hamilton, Myra Hamilton

Male and white privilege are on the decline, yet elite privilege has gone from strength to strength. The privileges enjoyed by the rich and powerful are not only unfair but cause widespread harm, from the everyday slights and humiliations visited on those lower down the scale to the distortions in the labour market when elites use their networks to secure plum jobs, not least in new domains such as professional sports.

In this book, Clive Hamilton and Myra Hamilton show that elite privilege is not a mere by-product of wealth but an organising principle for society as a whole. They explore the ...



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506 pages • Paperback
Social Science / Sociology
/ Social Theory

Racial Domination

Loïc Wacquant

Race is arguably the single most troublesome and volatile concept of the social sciences in the early 21st century. It is invoked to explain all manner of historical phenomena and current issues, from slavery to police brutality to acute poverty, and it is also used as a term of civic denunciation and moral condemnation. In this erudite and incisive book based on a panoramic mining of comparative and historical research from around the globe, Loïc Wacquant pours cold analytical water on this hot topic and infuses it with epistemological clarity, conceptual precision, and empirical breadth.



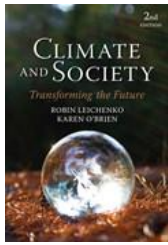
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Pub Date: 8/20/24
320 pages • Paperback
Social Science / Sociology
/ Social Theory

Carbon Societies: The Social Logic of Fossil Fuels

Peter Wagner

The climate crisis is humanmade. Its main cause is the burning of fossil fuels. To combat climate change, we have to understand how we arrived at where we are. This book explores the reasons why human societies have embarked on the trajectory of ever-increasing use of fossil fuels.

Population growth, desire for freedom from want and profit-seeking all played major roles in shaping human history, but there has been no inevitable drive towards heating up the atmosphere in the pursuit of social objectives. To sustain a growing population, more natural resources are required, but this does not mean



Climate and Society: Transforming the Future (2nd Edition)

Robin Leichenko, Karen O'Brien

This bold and passionate textbook has become a go-to introduction to current and emerging thinking on the social dimensions of climate change, presenting key concepts and frameworks for understanding the multifaceted connections between climate and society.

Using clear language and powerful examples, Robin Leichenko and Karen O'Brien explore the varied social drivers, impacts, and responses to climate change. They highlight the important roles that worldviews, values, and – especially in this updated edition – emotions play in shaping interpretations of climate challenges. The text also

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296 pages • Paperback
Social Science / Human Geography



The War Against Women

Rita Segato, Ramsey McGlazer, Jelke Boestens

Recent decades of neoliberal rule have seen authoritarian turns in many governments, and these decades have also been marked by increasing violence against women. The systematic killing of women in Ciudad Juárez, Mexico, has given way to a violent surge that is worldwide in its scope, concentrated in places where the state's traditional, sovereign functions have broken down. Femicide is no longer just an intimate event: it has become anonymous and systematic, a crime of power. An intensified form of capitalism, the product of a colonial modernity that is still with us, now fuels new wars on wo...

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256 pages • Paperback
Social Science / Women's Studies



What is Feminist Sociology?

Jo Reger

What does it mean to say that there is a feminist sociology? And how might we engage the full potential of a "feminist sociological imagination"?

These questions lie at the heart of Jo Reger's slim guide to a powerful tool, which has a long history in US sociology and yet remains as urgently needed as ever. Grounded in a need to change both society and the discipline, feminist sociology challenges the foundations of traditional social science and articulates new ways of creating knowledge, doing research, and understanding the role of researchers and the people they study. Drawing on concepts ...

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176 pages • Paperback
Social Science / Sociology



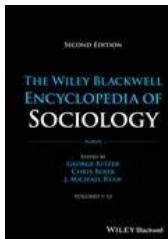
Subjectified: Becoming a Sexual Subject

Suzannah Weiss

Subjectified is a book about subjects, objects, and verbs. It is also a book about clothing-optional resorts, masturbation circles, and sex parties.

Suzannah Weiss takes the reader through her adventures as a sex and relationship writer to explore how we can create a world with less objectification and more subjectification – placing women and other marginalized groups in the subject role of sentences and actions. Offering a deeply personal critique of sexual empowerment movements, Weiss presents a way forward that focuses on what women desire, not what men desire from them. *Subjectified* calls...

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288 pages • Paperback
Social Science / Gender Studies



The Wiley Blackwell Encyclopedia of Sociology, 12 Volumes (2nd Edition)

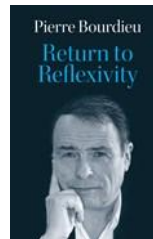
George Ritzer, Chris Rojek, J. Michael Ryan

The new edition of the benchmark work in the field, extensively revised and expanded throughout

The Wiley Blackwell Encyclopedia of Sociology, 2nd Edition is the definitive reference work for students, researchers, librarians, and academics in the field. Presenting in-depth coverage of all the major sub-disciplines of sociology, this comprehensive resource contains more than 2700 specially commissioned entries written and edited by an international team of leading scholars.

Published as both an online edition and as an twelve-volume set: *The Wiley Blackwell Encyclopedia of*

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Social Science / Sociology



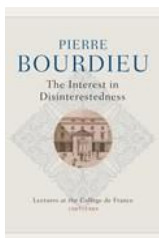
Return to Reflexivity

Pierre Bourdieu, Peter Collier

This slim volume contains four little-known texts by Pierre Bourdieu on the question of reflexivity, which was a key theme in his work.

For Bourdieu, reflexivity was not an exercise in introspection but rather a way of applying the tools of sociology to itself. The aim is to make explicit and control the effects of the presuppositions, standpoints and dispositions that the researcher brings to the conduct of social science research. Bourdieu advocates an attitude of epistemological vigilance that helps to uncover the invisible effects of the social determinants that weigh on the

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128 pages • Paperback
Social Science / Sociology



The Interest in Disinterestedness: Lectures at the College de France 1987-1989

Pierre Bourdieu, Peter Collier

A key feature of those who work for the state, in the legal system and in public services is that they claim to be putting their own personal interests aside and working in a disinterested fashion, for the public good. But is disinterested behaviour possible? Can law be treated as a set of universal rules that are independent of particular interests, or is this mere ideology? Is the state bureaucracy a universal class, as Hegel thought, or a structure that serves the interests of the dominant class, as Marx claimed?

Y. In his lecture series at the Collège de France in 1987-89

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Social Science / Sociology



Theory and Society: Selected Writings, Volume 3

Zygmunt Bauman, Thomas Campbell, Dariusz Brzezinski, Mark Davis, Jack Palmer, Katarzyna Bartoszynska

The breadth and depth of Zygmunt Bauman's engagement with social theory and the history of social thought has perhaps been underestimated, in part because many of his early writings were in Polish and never translated into English, and in part because many important pieces appeared in edited volumes and journals that are not readily available. This volume brings together hitherto unknown or rare pieces by Bauman on the theme of theory and society and also makes available previously unpublished material from the Bauman Archive at the University of Leeds.

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Social Science / Sociology / Social Theory



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Social Science / Sociology

Introducing Intersectionality (2nd Edition)

Mary Romero

How can we hope to understand social inequality without considering race, class, and gender in tandem? How do they interact with other categories such as sexuality, citizenship, and ableism? How does an inclusive analysis of domination and privilege move us closer to solutions touching the lives of diverse populations?

In this updated edition of her popular introduction, Mary Romero presents intersectionality as a core facet of the sociological imagination. One-dimensional approaches are no longer acceptable: we must examine all systems of oppression simultaneously, and how they integrate and ...



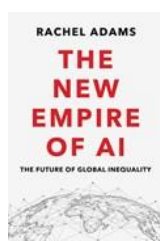
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400 pages • Paperback
Social Science / Slavery

Enslavement: Past and Present

Orlando Patterson

Slavery is one of humanity's most ancient and persistent inequities. It predates the rise of civilization, played a key role in the growth of Western and Islamic cultures and was an integral part of the emergence and global spread of capitalism. Given its historical significance, it is not surprising that the problem of slavery is still passionately debated today and that modern-day trafficking and forced servitude remain key issues of public concern.

In *Enslavement: Past and Present*, historical sociologist Orlando Patterson casts a wide net to examine the social, political, and economic comp...



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224 pages • Hardcover
Technology & Engineering / Social Aspects

The New Empire of AI: The Future of Global Inequality

Rachel Adams

As AI takes hold across the planet and wealthy nations seek to position themselves as global leaders of this new technology, the gap is widening between those who benefit from it and those who are subjugated by it. As Rachel Adams shows in this hard-hitting book, growing inequality is the single biggest threat to the transformative potential of AI. Not only is AI built on an unequal global system of power, it stands poised to entrench existing inequities, further consolidating a new age of empire.

AI's impact on inequality will not be experienced in poorer ...



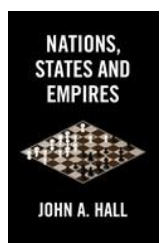
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260 pages • Paperback
Political Science / World / Middle Eastern

Revolt Against Theocracy: The Mahsa Movement and the Feminist Uprising in Iran

Farhad Khosrokhavar

This book is the first in-depth account of the uprising in Iran that began on 16 September 2022, when a young woman, Mahsa Amini, was killed by the morality police. In the months that followed, protests and demonstrations erupted across Iran, representing the most serious challenge to the Iranian regime in decades.

Women have played a key role in these protests, refusing to wear a hijab and cutting their hair in public to chants of 'Woman, Life, Freedom'. In Farhad Khosrokhavar's account, these protests represent the first truly feminist movement in Iran, and one of the first in the Muslim wo...



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244 pages • Paperback
Social Science / Sociology

Nations, States and Empires

John A. Hall

In his new book John A. Hall traces the interactions between nations, states and empires in the making of the modern world.

It is commonly assumed that nation states succeeded and replaced empires, relegating empires to the past: Hall argues that this is not the case. Empires have continued alongside nation states, shadowing them and overseeing them in the industrial era. The two world wars were imperial wars, rather than wars between nation states. Even after rapid decolonization in the 1950s and 1960s, empires persisted in the USA and the USSR. Furthermore, empires are not finished: the USA...



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180 pages • Paperback
Political Science

The New Governance of Religious Diversity

Tariq Modood, Thomas Sealy

Religious diversity is a key feature of countries across the world today, but it also presents governments with very real challenges. Controversies around religious free speech, symbols, social values and morals, and the role of faith leaders as critical voices, are just a few of the issues that have given rise to fierce social, political and scholarly debate. So how do states include and accommodate religious diversity and should this change? What are the key difficulties facing states when it comes to governing religious diversity?

Understanding this complex phenomenon means thinking ...

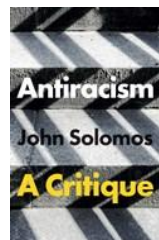


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224 pages • Paperback
Social Science / Sociology

What is Political Sociology? (2nd Edition)

Elisabeth S. Clemens

With an entire discipline devoted to political science, what is distinctive about political sociology? This concise book explains what a sociological perspective brings to our understanding of the emergence, reproduction, and transformation of different forms of political order. Crucially, political sociology expands the field of view to the politics that happen in other social settings – in the family, at work, in civic associations – as well as the ways in which social attributes such as class, religion, age, race, and gender shape patterns of political participation and the distribution of ...



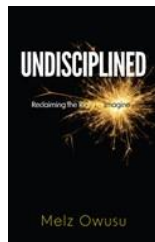
9781509556229
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192 pages • Paperback
Social Science / Discrimination

Antiracism: A Critique

John Solomos

While there has been a wealth of research and conversation about the role of racism in shaping our social, political and economic structures, antiracism – its highly publicized counterpart – has been very little studied, discussed or debated. Veteran race scholar John Solomos argues in this slim intervention that we urgently need to re-focus research and activist agendas to address this gap in knowledge.

The core questions addressed in the book include: what does antiracism mean in the contemporary environment? How do states, political institutions and civil society define and practise antirac...



Undisciplined: Redaiming the Right to Imagine

Melz Owusu

Undisciplined is an odyssey into possibility. Challenging us to break free from limiting strictures and structures, it encourages readers to envision just futures and reflect on the inner transformation required to become the custodians of those worlds.

In a profound and heartfelt offering, Melz Owusu delves into the stifling impact of the education system on imagination. They probe alternative, deeply spiritual connections to knowledge, and the pursuit of new ways of being as acts of remembrance of a common past. Seamlessly transitioning between intellectual discourse,

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Social Science / Sociology
/ Social Theory



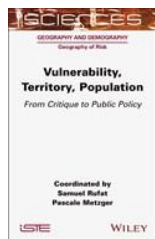
Don't Go: Stories of Segregation and How to Disrupt It

Tonika Lewis Johnson, Maria Krysan

Multiple times a day, in cities across the US and beyond, a simple yet powerful message is repeated by the well-meaning, the ill-informed, and the bigoted: "don't go" – avoid at all costs those Black and Brown disinvested neighborhoods that have become bywords for social disorder and urban decay.

This book is a collection of intimate stories and evocative photos that uncover the hidden influence of both subtle and overt "don't go" messages and the segregation they perpetuate in Chicago. Told by everyday people to Tonika Lewis Johnson and Maria Krysan – a Black artist and a

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Pub Date: 11/19/24
232 pages • Hardcover
Social Science / Sociology
/ Urban



Vulnerability, Territory, Population: From Critique to Public Policy

Samuel Rufat, Pascale Metzger

During the Covid-19 pandemic, the term "vulnerable" was applied to "individuals" and to "populations", "groups" and "countries" in discussions, laws and regulations; now it applies to all objects in relation to all kinds of threats.

However, rather than a label for governing people and places, the notion of "vulnerability" was expected to become an instrument to tackle the root causes of disasters, poverty and maldevelopment, as well as the inequalities and injustices they bring, whether social, political, economic or environmental. Despite this radical dimension, vulnerability has gradually b...

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Social Science /
Demography



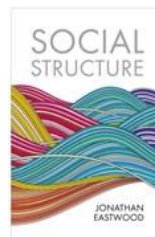
Understanding Children's Perspectives in Social Research

M. Rezaul Islam

Comprehensive exploration of the intricacies and ethical dimensions involved in conducting research with children

Understanding Children's Perspectives in Social Research explores how to conduct ethical and meaningful research involving children, covering research methodologies, practical strategies, and more. The book delves into the historical evolution of children's participation in research and elucidates the ethical foundations rooted in the Convention on the Rights of the Child (CRC) and theoretical frameworks such as social constructivism and

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304 pages • Paperback
Social Science / Research



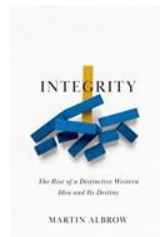
Social Structure: Relationships, Representations, and Rules

Jonathan Eastwood

Social structure is arguably the central concept of sociology, and in recent years a much wider public has taken up with fresh vigor the sociological idea that persistent inequalities are rooted in social structures. Yet there seem to be as many definitions of the term as there are sociologists, and we often struggle to articulate accessible yet precise accounts of structures that can guide empirical research and other kinds of action.

Jonathan Eastwood offers a set of pragmatic strategies for thinking about social structures, emphasizing ways in

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216 pages • Paperback
Social Science / Sociology
/ Social Theory



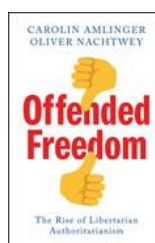
Integrity: The Rise of a Distinctive Western Idea and Its Destiny

Martin Albrow

Public life is dominated from time to time by media storms around integrity. The behaviour of elected political leaders has led many to decry the deterioration in standards and the lack of integrity in public life. But what is integrity, and where does our concern with integrity in public life come from?

In this book, Martin Albrow argues that integrity has been an essential component of the rise of the West and a key feature that distinguishes the West from other civilizations. He traces the idea of integrity back to its roots in ancient Greece and Rome, where integrity acquired its special ...

9781509559862
Pub Date: 1/28/25
224 pages • Hardcover
Social Science / Sociology
/ Social Theory



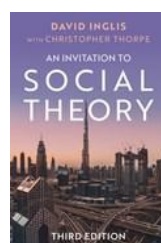
Offended Freedom: The Rise of Libertarian Authoritarianism

Carolin Amlinger, Oliver Nachtwey, Jan-Peter Herrmann

Today, a new kind of freedom fighter has emerged in our midst: liberal and open-minded, these individuals champion liberty and resent the imposition of more and more rules and exhortations that constrain their freedom. They are angry, disgruntled, offended. Why should they have to wear a face mask, get vaccinated or follow new rules on diversity and equality? They should be free to choose. They do not long for a glorified past or the strong arm of the state but argue instead for individual freedoms at all costs.

Carolin Amlinger and Oliver Nachtwey see this new

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336 pages • Paperback
Social Science / Sociology
/ Social Theory



An Invitation to Social Theory (3rd Edition)

David Inglis, Christopher Thorpe

Social theory is a crucial resource for the social sciences. It provides rich insights into how human beings think and act and how contemporary social life is constructed. But often the key ideas of social theorists are expressed in highly technical and difficult language that can hide more than it reveals.

The new edition of this popular book continues to cut to the core of what social theory is about. Wide-ranging in scope and coverage, it is concise in presentation and free from jargon. Covering key themes and schools of thought from the classical thinkers up to the present, the third edition...

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384 pages • Paperback
Social Science / Sociology
/ Social Theory



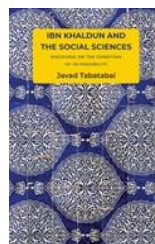
Civil Repair

Jeffrey C. Alexander

This book challenges the pessimism that has so marked, and impoverished, social theorizing about modern life. Modernity has often been dark and debilitating, but it has also generated hope for a better life and extraordinary reforms and liberations, from the creation of hopeful democracies in the face of dangerous dictatorships to feminist transformations of patriarchy, struggles against imperialism and racial domination, and the stubborn but persistent reconstruction of pivotal institutions.

Jeffrey Alexander theorizes these radical reforms as "civil repairs" – as efforts to make real the uto...

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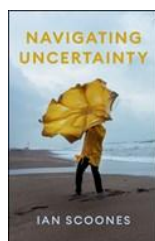


Ibn Khaldun and the Social Sciences: Discourse on the Condition of Im-possibility

Javad Tabatabai, Philip Grant, Milad Odabaei

Arabic and European studies of Ibn Khaldun, the great medieval polymath, follow one of two paths. In one direction, scholars interpret his *Muqaddimah* ('Prolegomenon'), written in 1377, as the point at which the new social sciences emerged. They identify Ibn Khaldun's 'new science of culture' as sociology or as an 'Islamic' alternative to sociology. In the other direction, the interpretation of Khaldunian discourse is confined to the Islamic-Aristotelian paradigm of its time. The epistemological novelty of the *Muqaddimah* is dismissed and the science of culture is perceived as a...

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Navigating Uncertainty: Radical Rethinking for a Turbulent World

Ian Scoones

Uncertainties are everywhere. Whether it's climate change, financial volatility, pandemic outbreaks or new technologies, we don't know what the future will hold. For many contemporary challenges, navigating uncertainty – where we cannot predict what may happen – is essential and, as the book explores, this is much more than just managing risk. But how is this done, and what can we learn from different contexts about responding to and living with uncertainty? Indeed, what might it mean to live from uncertainty?

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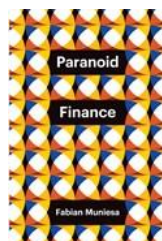
Democracy Needs Religion

Hartmut Rosa, Valentine A. Pakis

What role does religion play in modern societies? Is it merely an anachronism that hinders our economic growth? Is it a kind of superstition that people should be left to enjoy in private but should refrain from discussing in public? It is no secret that the Christian churches in Western societies have massive problems – quite apart from the recent scandals. Shrinking congregations are just one sign of their diminishing relevance. But what would happen to democracy if the resonance of religion were to fade entirely?

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Leading sociologist Hartmut Rosa addresses this



Paranoid Finance

Fabian Muniesa

There is a link between finance and paranoia, and that link may well be inescapable. At the core of financial imagination lies a notion of value – of 'value creation' – that is loaded with trouble. This is the trouble of a fragile metaphor: a metaphor of fecund money and future return, of true value and false value, of true value that should be protected from the perils of dilapidation, expropriation and speculation, but whose substance is in fact nowhere to be found.

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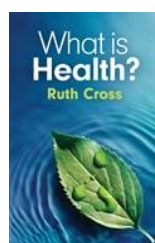
Planning for the Wrong Pandemic: Covid-19 and the Limits of Expert Knowledge

Andrew Lakoff

The fractious and disorganized governmental response to the coronavirus pandemic in the United States prompted many observers to ask why the country – which had the knowledge, resources, and plans to deal with such an event – was caught so unprepared when the crisis struck.

In fact, as Andrew Lakoff shows, US officials had been planning for a pandemic for more than two decades, and many of these plans were implemented in the early stages of the pandemic. As authorities responded to the crisis, they relied on an already formulated set of concepts and tools that had been devised for managing a f...

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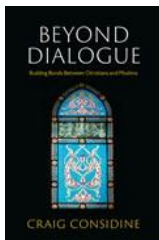


What is Health?

Ruth Cross

What is health? What does health mean to people? How do we make sense of health and experience it?

There are no simple answers to these questions. Health is complex, subjective and varied. Drawing on theory, research and contemporary debates, Ruth Cross explores the nature of health in depth and challenges our thinking about it. Moving beyond taken-for-granted assumptions, she gives the meaning of 'health' its due attention, exploring everyday perspectives as well as 'expert' medical, academic and policy understandings and approaches. In doing so, the book brings together different



Beyond Dialogue: Building Bonds Between Christians and Muslims

Craig Considine

In these times of rising tensions between Christians and Muslims across the world, the need for harmony and peace has never been more urgent. As one of the world's leading advocates of interfaith dialogue, Craig Considine introduces readers to the provocative idea of the Synthesis of Civilizations, a theory that pushes beyond dialogue to show where and how Western and Islamic civilizations have been – and continue to be – in a deeper union with one another.

With an open mind and a deep appreciation of the Abrahamic tradition, Considine takes readers on a

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Anthony Elliott

Machine learning algorithms are widely presumed to herald a world in which the crippling burdens of anxiety can be left behind. The digital revolution promises a brave new world where individuals, communities and organizations can at last take control of the future – anticipating, designing and commanding the future, possibly even with mathematical exactitude. Yet, paradoxically, algorithms have unleashed widespread fears and forebodings about the impact of digital technologies. Whether it's worries about unemployment, distress about social media's harmful effects on teenagers, or the fear ...

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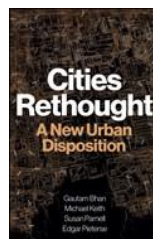


The Making of Public Space: News, Events and Opinions in the Twenty-First Century

Luc Boltanski, Arnaud Esquerre

This new book by Luc Boltanski and Arnaud Esquerre is a highly original analysis of the two key processes that shape the contemporary public sphere. On the one hand, there are the processes of news provision which select out a range of facts and events and bring them to the attention of a large number of people who have not, for the most part, experienced them directly. On the other hand, there are processes of politicization which problematize the facts made known by news provision and treat them as issues that concern citizens and the state. Politicization is typically characterized by a ...

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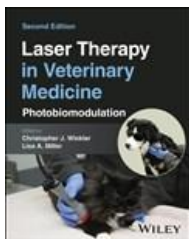
Cities Rethought: A New Urban Disposition

Gautam Bhan, Michael Keith, Susan Pamell, Edgar Pieterse

In a world of disruptions and seemingly endless complexity, cities have become central to thinking about the future of humanity. Yet the study of cities is fragmented among different silos of expertise, diverse genres of scholarship, and widening chasms between theory and practice. How can we do better?

Cities Rethought suggests that we need to remake the way we see and know cities in order to rethink how we act and intervene within them. To this end, it offers the contours of a new *urban disposition*. Its normative, analytical, and operational elements offer an opportunity

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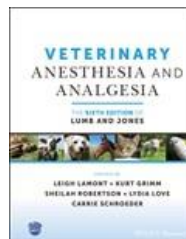
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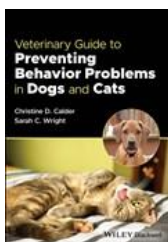
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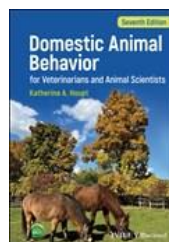
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Christine D. Calder, Sarah C. Wright

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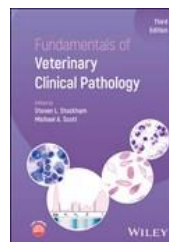
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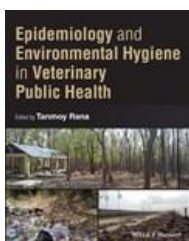
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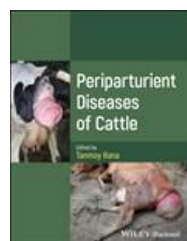
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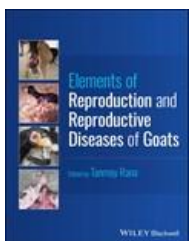
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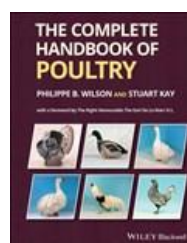
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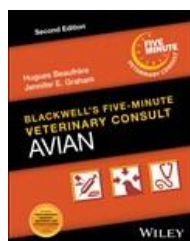
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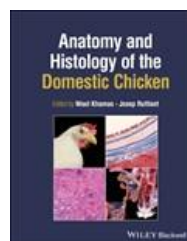
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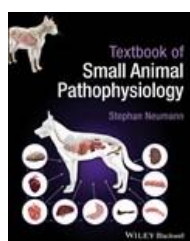
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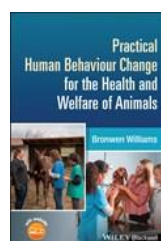
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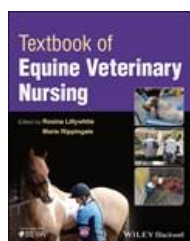
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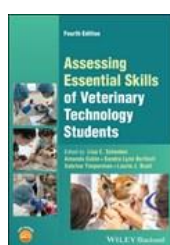
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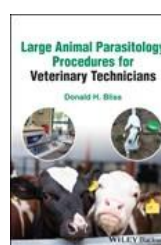
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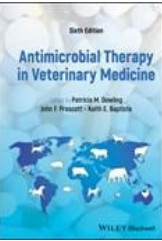
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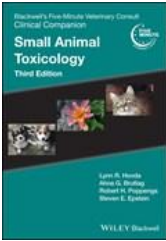
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