

JAPAN PREVIEW

August 2017



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3rd Edition

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Editor ROB RANYARD

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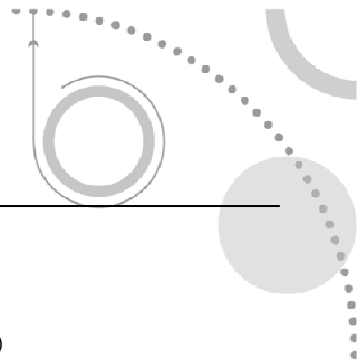
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LUNA CENTIFANTI & DAVID WILLIAMS

P70



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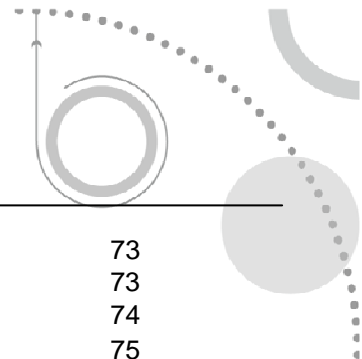
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芸術

A Companion to Islamic Art and Architecture

FINBARR BARRY FLOOD & GULRU NECIPOGLU
New York University; Harvard University

The two-volume Companion to Islamic Art and Architecture bridges the gap between monograph and survey text by providing a new level of access and interpretation to Islamic art. The more than 50 newly commissioned essays revisit canonical topics, and include original approaches and scholarship on neglected aspects of the field.



- This two-volume Companion showcases more than 50 specially commissioned essays and an introduction that survey Islamic art and architecture in all its traditional grandeur
- Essays are organized according to a new chronological-geographical paradigm that remaps the unprecedented expansion of the field and reflects the nuances of major artistic and political developments during the 1400-year span
- The Companion represents recent developments in the field, and encourages future horizons by commissioning innovative essays that provide fresh perspectives on canonical subjects, such as early Islamic art, sacred spaces, palaces, urbanism, ornament, arts of the book, and the portable arts while introducing others that have been previously neglected, including unexplored geographies and periods, transregional connectivities, talismans and magic, consumption and networks of portability, museums and collecting, and contemporary art worlds; the essays entail strong comparative and historiographic dimensions
- The volumes are accompanied by a map, and each subsection is preceded by a brief outline of the main cultural and historical developments during the period in question
- The volumes include periods and regions typically excluded from survey books including modern and contemporary art-architecture; China, Indonesia, Sub-Saharan Africa, Sicily, the New World (Americas)

SERIES: BLACKWELL COMPANIONS TO ART HISTORY
AUGUST 2017 1376PP

978-1-119-06866-2 CL \$395.00 (Japan)

Art History & Theory

AUGUST 2017

978-1-119-06921-8 Wiley Online Library

The Anatomy of a Museum

STEVEN MILLER

Executive Director, Boscobel House & Gardens

Written by a museum professional and based on a course taught for many years, *The Anatomy of a Museum* is an engaging and accessible volume that provides a unique insider's guide to what museums are and how they operate.

- An insider's view of the rarefied world of the museum that provides a refreshing and unique account of the reality of the workings of museum life
- The material has been successfully tested in a course that the author has taught for 14 years
- Miller has extensive experience at all levels of museum work, from painting walls for exhibitions to museum directorship
- Clearly and engagingly written, the book covers all the component parts and various disciplines of museum operations, and opinions and perspectives are drawn from a deep knowledge of the field
- Includes useful pedagogical material, including questions, discussion topics, and a range of anecdotes

AUGUST 2017 288PP

978-1-119-23703-7 CL \$94.95 (Japan)

Museum & Heritage Studies

AUGUST 2017 288PP

978-1-119-23704-4 PB \$39.95 (Japan))

Museum & Heritage Studies

AUGUST 2017

978-1-119-23705-1 Wiley Online Library

会計学

Management and Cost Accounting An Introduction

ANDREW WILKINSON

- The writing style is very clear, understandable, and appropriate for both home and international students.
- Each topic covered includes a critique of the subject matter with the aim of providing assistance to students in the writing of essays containing critical analysis and discussion of the chapter's subject matter.
- Includes numerous practice questions.

AUGUST 2017 500PP

978-1-118-90190-8 PB \$75.00 (Japan)

Corporate / Managerial Accounting

Wiley GAAP for Governments 2017 Interpretation and Application of Generally Accepted Accounting Principles for State and Local Governments

WARREN RUPPEL, Woodcliff Lake, United States
CPA

Wiley GAAP for Governments 2017 provides the latest information on GAAP, with coverage designed specifically for government entities. With a focus on the practical rather than the academic, this book provides insightful, up to date implementation information and explanations of the important developments in governmental GAAP that have occurred in the past year.

Exclusive coverage includes school districts, public authorities, and individual pension plans financial statements, with a disclosure checklist that helps preparers ensure compliance. Visual aids help facilitate the reader's understanding of the material, providing a comprehensive guide to financial reporting for governments at the state and local level. This reliable guide is an industry favourite for its accessibility, completeness, and relevance, helping readers achieve and maintain compliance with minimal burden.

Governmental accounting standards are continuously being released, growing in complexity with each iteration. Wiley GAAP for Governments is updated annually to provide the most up-to-date information available, with thorough explanations and expert implementation advice.

- Get up to speed on the newest accounting pronouncements
- Understand how GAAP applies to government bodies and pension plans
- Refer to disclosure checklists designed specifically for government entities
- Study flowcharts, diagrams, and charts to gain a deeper understanding

This user-friendly guide is organized for easy navigation, and designed to help preparers quickly find, understand, and apply the information they need. Expert guidance through the increasing complexity of preparation and implementation of relevant changes is what makes Wiley GAAP for Governments 2017 the reference financial professionals keep on their desks rather than on their bookshelves.

SERIES: WILEY REGULATORY REPORTING
AUGUST 2017 656PP

978-1-119-38146-4 PB \$85.00 (Japan)

GAAP

SERIES: WILEY REGULATORY REPORTING
AUGUST 2017

978-1-119-38149-5 Wiley Online Library

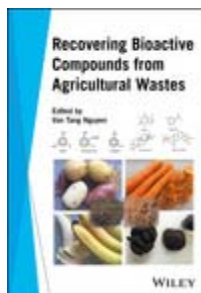


農業

Recovering Bioactive Compounds from Agricultural Wastes

VAN TANG NGUYEN

Recovering Bioactive Compounds from Agricultural Wastes will present the potential uses of agricultural wastes from the production of major food types including tea, coffee, cacao, cashew, fruit and vegetables, wine, edible oils, sugar, starch and others. It will discuss the various methods for extraction, isolation and purification of bioactive compounds from agricultural wastes, and make recommendations concerning the most effective applications of these bioactive compounds. The final chapter will look at the economics and market for recovered bioactive compounds.



AUGUST 2017 284PP

978-1-119-16882-9 CL \$150.00 (Japan)*Sustainable & Organic Agriculture*

AUGUST 2017

978-1-119-16885-0 [Wiley Online Library](#)

ビジネス

How To Talk To Absolutely Anyone

Confident Communication for Work, Life and Relationships

MARK RHODES

When you're with other people do you open up or clam up? Are you a conversation starter or a shrinking violet? Feeling nervous about talking to other people is completely normal, but it's important not to let fears about what people might think of you, or what to say first, stop you from starting one in the first place. Being a confident communicator creates success and happiness. How to Talk to Absolutely Anyone will help you see conversation differently; as an enjoyable, positive activity that might just change your life.



Learn how to:

- Be confident with people you don't know
- Overcome common fears and barriers about talking to others
- Communicate better in business and social situations

With this new edition now containing the complete 30-day Zero to Hero Personal Confidence Course, all the tools you need to help you talk, listen and build rapport with absolutely anyone are here. Start communicating more confidently today and increase your chances of getting the outcomes you're looking for, more often.

AUGUST 2017 240PP

978-0-85708-745-4 PB \$13.99 (Japan)*Business Self-Help*

The Joy of Leadership

How Positive Psychology Can Maximize Your Impact (and Make You Happier) in a Challenging World

TAL BEN-SHAHAR & ANGUS RIDGWAY

The difference between flourishing and floundering is 10X. The difference between quantity and quality is a factor of 10. The difference in levels of engagement is exponential. People functioning at the highest level are what the authors call 10x leaders. Research on these leaders consistently brought up five major strengths. This book teaches readers to become a 10x leader using these five key areas, the SHARP framework.



- Strengths: 10X leaders stop trying to eliminate weaknesses and learn to focus on their strengths
- Health: 10X leaders stop trying to eliminate stress and learn how to integrate periods of restoration
- Absorption: 10X leaders stop waiting for the lightning of focus and creativity to strike and learn how to achieve consistent engagement and presence
- Relationships: 10X leaders stop trying to exert power and control and learn to cultivate healthy relationships through positivity and authenticity
- Purpose: 10X leaders stop grinding out tasks and learn how to find meaning and commitment in everything they do

The 10X elixir of peak performance comes not from focusing on just one of these areas, but from learning to light the fire of all five aspects of SHARP and functioning naturally with them on a daily basis. If you just cultivate one or two aspects of leadership skills you are unlikely to succeed. If one of the five isn't taken care of it affects the performance of the whole. But if you focus on all five areas, you will not only be more likely to find what helps you most, you have the best chance of enjoying the synergy of performance multiplication.

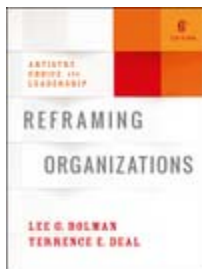
AUGUST 2017 224PP

978-1-119-31300-7 CL \$28.00 (Japan)*Management / Leadership*

Reframing Organizations Artistry, Choice, and Leadership 6th Edition

LEE G. BOLMAN & TERRENCE E. DEAL, *San Luis Obispo, United States*
University of Missouri-Kansas City; University of Southern California

Bolman and Deal's four-frame model was originally developed in the mid-1970s, and has been evolving since. It is rooted in many decades of social science research across multiple disciplines, including management, organizational theory, organizational behavior, public administration, educational administration, psychology, sociology, anthropology, and political science. It has found a broad, receptive audience because it provides an accessible, compact, and powerful set of ideas for negotiating complexity and turbulence -- exactly the conditions that leaders face in contemporary organizations.



AUGUST 2017 512PP

978-1-119-28181-8 CL \$75.00 (Japan)

Management / Leadership

AUGUST 2017 512PP

978-1-119-28182-5 PB \$75.00 (Japan)

Management / Leadership

JULY 2017

978-1-119-28185-6 Wiley Online Library

Smart Decisions in Complex Systems

PIERRE MASSOTTE & PATRICK CORSI
KINNSYS, Brussels; KINNSYS, Brussels

Faced with ever-increasing complexity on a daily basis, the decision-makers of today are struggling to find the appropriate models, methods and tools to face the issues arising in complex systems across all levels of global operations.

Having, in the past, resorted to outdated approaches which limit problem-solving to linear world views, we must now capitalize on complexities in order to succeed and progress in our society.

This book provides a guide to harnessing the wealth inherent to complex systems. It organizes the transition to complex decision-making in all business spheres while providing many examples in various application domains.

The authors offer fresh developments for understanding and mastering the global "uberization" of the economy, the post-modern management of computer-assisted production and the rise of cognitive robotics science applications.

AUGUST 2017 376PP

978-1-78630-110-9 CL \$140.00 (Japan)

Creativity & Innovation Management

JUNE 2017

978-1-119-36870-0 Wiley Online Library

Innovation, between Science and Science Fiction

THOMAS MICHAUD

Innovation mobilizes complex process in which the imaginary intervenes at various levels. If it is difficult for some players to assert who, science or science fiction is the source of innovations, new technology or new product is part of a fantasy that accompanies its invention, its design and diffusion. If science existed before science fiction, the latter is more often cited by companies and organizations when they present or justify investments or strategic policies. If science fiction is the product of industry and science, it has gradually freed from it to offer little or not explored prospects, that are helpful to innovation processes, that use more and more the imagination. The creation of science-fictional narratives from more and more people in organizations will boost a virtuous circle in which science and science fiction will inspire each other even more in order to innovate.

AUGUST 2017 196PP

978-1-78630-130-7 CL \$125.00 (Japan)

Creativity & Innovation Management

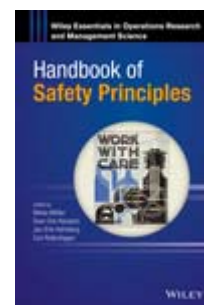
JUNE 2017

978-1-119-42756-8 Wiley Online Library

Handbook of Safety Principles

Editor NIKLAS MÖLLER, Editor SVEN OVE HANSSON, Editor JAN-ERIK HOLMBERG & Editor CARL ROLLENHAGEN

Safety principles are paramount to addressing structured handling of safety concerns in all technological systems. This handbook captures and discusses the multitude of safety principles in a practical and applicable manner and is organized by five overarching categories of safety principles: Safety Reserves; Information and Control; Demonstrability; Optimization; and Organizational Principles and Practices. With a focus on the structured treatment of a large number of safety principles relevant to all related fields, each chapter defines the principle in question and discusses its application as well as how it relates to other principles and terms. This treatment includes the history, the underlying theory, and the limitations and criticism of the principle. Several chapters also problematize and critically discuss the very concept of a safety principle. In addition, the book treats issues such as: What are safety principles and what roles do they have? What kinds of safety principles are there? When, if ever, should rules and principles be disobeyed? How do safety principles relate to the law; what is the status of principles in different domains?



The Handbook of Safety Principles is an ideal reference and resource for professionals engaged in risk and safety analysis and research. This book is also appropriate as a graduate and PhD-level textbook for courses in risk and safety analysis, reliability, safety engineering, and risk management offered within mathematics, operations research, and engineering departments.

SERIES: WILEY ESSENTIALS IN OPERATIONS RESEARCH AND MANAGEMENT SCIENCE

AUGUST 2017 864PP

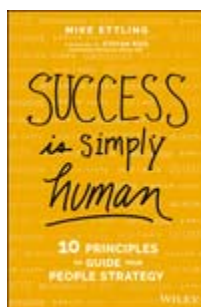
978-1-118-95069-2 CL \$150.00 (Japan)

Production Operations Management

Success is Simply Human Ten Principles to Guide Your People Strategy

MIKE ETTLING

To compete both today and tomorrow, leaders need a robust pipeline of qualified talent to help their organizations expand into new markets, develop innovative products, and manage for sustainable financial success. The organization that these leaders depend on to help them build that talent pipeline is Human Resources (HR). HR itself needs a new model and a new way of approaching building for talent success. This book will address this compelling need for leaders and the HR function to rethink, reimagine, and reinvent the function previously known as HR.



With provocative thinking, case studies, and a focus on practical implementation, this book will provide the highly sought roadmap for transformation. Too many books in this space are written by academics or consultants who provide advice and escape the scene before ensuring those ideas really work. The case studies and pragmatic tools provided in this book will be a unique addition to the marketplace, provided by one of the most credible voices in the market.

AUGUST 2017 272PP

978-1-119-35119-1 CL \$27.00 (Japan)

Human Resource Management

Business Coaching & Mentoring For Dummies

2nd Edition

MARIE TAYLOR & STEVE CRABB

Business Coaching & Mentoring For Dummies, 2nd Edition is aimed primarily at business owners and leaders who want effective personal and business led strategies to enable them to coach and mentor other colleagues, and to enhance their chances of success in business and more generally. The book can also help business coaches/ mentors who are new to the industry (and prospective coaches and mentors) and are interested in understanding the process of business coaching and mentoring.



AUGUST 2017 384PP

978-1-119-36392-7 PB \$26.99 (Japan)

Training & Human Resource Development / Coaching & Mentoring

The New Rules of Marketing and PR

How to Use Social Media, Online Video, Mobile Applications, Blogs, News Releases, and Viral Marketing to Reach Buyers Directly
6th Edition

DAVID MEERMAN SCOTT, Lexington

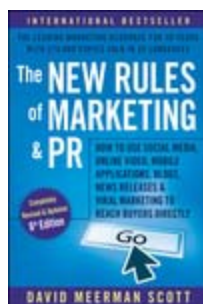
To solidify the position of *The New Rules of Marketing & PR* as the top social media marketing book, a sixth edition is required. It will incorporate several additions and changes including: new case examples, and new information on recent platforms including Facebook Live.

The New Rules of Marketing & PR is the pioneering guide to the future of marketing, an international bestseller with more than 350,000 copies sold in over 25 languages. It offers a step-by-step action plan for harnessing the power of modern marketing and PR to communicate with buyers directly, raise visibility, and increase sales. It shows how large and small companies, nonprofits, and other organizations can leverage Web-based content to get the right information to the right people at the right time for a fraction of the cost of big-budget campaigns. *The New Rules of Marketing & PR* offers the single resource for entrepreneurs, business owners, nonprofit managers as well as those working in marketing or publicity departments to build a marketing and PR strategy to grow any business.

AUGUST 2017 448PP

978-1-119-36241-8 PB \$24.00 (Japan)

Marketing & Sales



Starting and Managing a Nonprofit Organization

A Legal Guide

7th Edition

BRUCE R. HOPKINS, Kansas City, United States
Member, District of Columbia Bar

Starting and Managing a Nonprofit Organization: A Legal Guide is now in its sixth edition (2013). John Wiley & Sons has published all of the editions of this book – a new edition every four years. One of the major contributors to law changes in this area is enactment of the Protecting Americans from Tax Hikes Act, which was signed into law at the close of 2015. The PATH Act brought many new laws and law changes to the realm of nonprofit law.



Nonprofits must comply with stringent federal and state laws due to their special tax-exempt status; the government's ultimate threat is revocation of a nonprofit's tax-exempt status, which usually means the nonprofit's demise. Written in plain English, not "legalese," *Starting and Managing a Nonprofit Organization: A Legal Guide*, provides essential guidance for those interested in starting nonprofits, as well as valuable advice for leaders of established organizations.

SERIES: WILEY NONPROFIT AUTHORITY

AUGUST 2017 448PP

978-1-119-38019-1 PB \$60.00 (Japan)

Non-Profit Organizations / Management Leadership

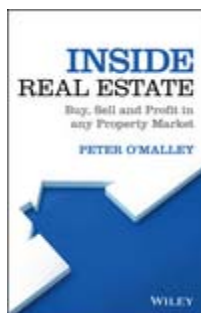
Inside Real Estate

Buy, Sell and Profit in any Property Market

PETER O'MALLEY

The real world of modern real estate exposed

Inside Real Estate is a down-to-earth consumer guide for anyone navigating the property market in the digital age. Written by industry veteran Peter O'Malley, this book exposes the truth about modern real estate and shows you how to work the market to optimize your financial benefit. Forget what you've seen or heard — the media's hype surrounding real estate doesn't accurately reflect the reality on the ground. With the rise of digital platforms, foreign buyers and property booms and busts, the agent's role is changing amidst a rapidly evolving field; media spin benefits agents more than consumers, but this book offers step-by-step guidance on silencing the noise and working with reality.



Exposing common practices and blowing myths wide open, this book shows you what the property market is today — and how to take advantage of it to buy, sell or invest in your best financial interest.

- Cut through the hype and learn the truth behind the myths
- Understand the agent's new and changing role in a disrupted industry
- Learn the tips, traps and tactics that could sink or save your investment
- Deal with rising and falling markets as a buyer or seller

The industry's digital disruption is not going away, and certain aspects of the market have been permanently changed as a result. The good news is that property is still a smart financial move, and it is possible to come out ahead regardless of the market's behaviour — but first you need to separate spin from reality. Inside Real Estate takes you behind the curtain to help you navigate the market with clear eyes and a solid understanding of the real-world market.

AUGUST 2017 264PP

978-0-7303-4500-8 PB \$29.00 (Japan)

Property & Real Estate

Sentient Enterprise

The Evolution of Business Decision-Making

OLIVER RATZESBERGER & MOHANBIR SAWHNEY
Northwestern University, IL

The continued explosion of data and the continued evolution of analytics capabilities will usher in the next analytics revolution beyond the Intelligent Enterprise. This book paints a provocative picture of the evolution of analytics capabilities toward an ideal state that the author calls “The Sentient Enterprise”. The Sentient Enterprise can listen to data to sense micro-trends, conduct analysis and make autonomous decisions with little or no human intervention at massive scale in real-time. It can act as one organism without being impeded by information silos. It is always evolving, with emergent intelligence that becomes progressively more sophisticated. This book describes the evolutionary journey of analytics capabilities that begins with today's Agile Data Warehouse and culminates in the Sentient Enterprise. A framework is provided to assess an organization's progress along this journey and “next practices” that business leaders can harness to unlock the full potential of Big Data and analytics.

AUGUST 2017 160PP

978-1-119-43886-1 CL \$49.95 (Japan)

Business & Management Special Topics

土木工学

Technology and Practical Use of Strain Gages

With Particular Consideration of Stress Analysis Using Strain Gages

STEFAN KEIL
Nokia, Germany

Strain gages are used in all areas of engineering, and in large quantities. This book is a comprehensive basic compendium about the application of strain gages. It serves to explain the use of strain gages as an introduction, instruction for use and reference work for all fields and involved parties. The application-related description of the principles of the measurement, installation and experimental set-ups derives from the author's own experiences in the field. Particular emphasis is laid on the correct planning and assessment of measurements. The algorithms for the stress analysis are explained in great detail. Extensive information and explanation about fastening on various object materials and a guideline for quality check are given. All kind of circuits are described and step-by-step guidance for preparation and performing the determination of mechanical stresses, thermal stresses, and deformation is given. All explanations are practice-oriented and include adhesives, cable properties, temperature and moisture influence as well as signal processing and calibration.

The book includes numerous real-life application examples, which can be considered as samples for the solution of similar tasks as well as for interpretation of the results. Comments help to avoid typical mistakes. A brief historical review about strain gage inventions looking at the "who, when and how" round off the work.

This work is an indispensable reference work for structural engineers, mechanical engineers, materials scientists and related disciplines.

AUGUST 2017 512PP

978-3-433-03138-4 CL \$205.00 (Japan)

General & Introductory Civil Engineering & Construction

AUGUST 2017

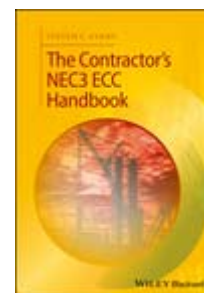
978-3-433-60666-7 Wiley Online Library

The Contractor's NEC3 ECC Handbook

STEVEN C. EVANS

This guide, written in plain English, explains how the NEC3 ECC contract works and provides answers to common questions. It presents complicated concepts in a simple, straightforward and understandable way.

Focusing mainly on its day-to-day use, the book offers a clear, concise, practical and straightforward explanation of the NEC3 ECC form of construction contract primarily for use by the commercial and operational staff of main contractors working in the UK.



The author considers all the provisions of the contract and explains - at an appropriate level for clear understanding - the procedures, obligations and liabilities contained in it. The treatment of the subject will be unlike any other publication on the market, aimed specifically at a level consistent with the knowledge and experience of many employees of main contractors, making it a readable, understandable and useful guide.

AUGUST 2017 264PP

978-1-119-13749-8 PB \$75.00 (Japan)

Construction law

AUGUST 2017

978-1-119-13753-5 Wiley Online Library

Supply Chain Management and Business Performance

VACS Model

CHRISTELLE CAMMAN, CLAUDE FIORE, LAURENT LIVOLSI & PASCAL QUERRO

Against this current trend of low growth and high uncertainty, business directors must work with their shareholders to set strategic objectives and define business models.

The great number of possible strategies makes this type of management very complex, and the actual deployment of strategic choices is often limited by a lack of overall coherence within the organization.

This problem calls for an appropriate and renewed response. In strategic management today, a closer, permanent dialogue is needed between operational and financial performance.

Based on a supply chain approach, the Value Added Supply Chain (VASC) model focuses on driving operational performance, but aims to achieve a greater and more dynamic integration between these two dimensions of the company's value creation.

AUGUST 2017 278PP

978-1-78630-074-4 CL \$125.00 (Japan)

Theory, Planning & Management

JUNE 2017

978-1-119-42740-7 Wiley Online Library

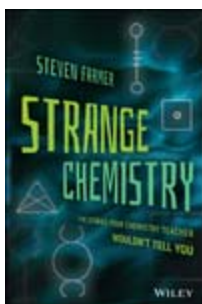
化学

Strange Chemistry

The Stories Your Chemistry Teacher Wouldn't Tell You

STEVEN FARMER

This book opens the audience's eyes to the extraordinary scientific secrets hiding in everyday objects. Helping readers increase chemistry knowledge in a fun and entertaining way, the book is perfect as a supplementary textbook or gift to curious professionals and novices.



- Appeals to a modern audience of science lovers by discussing multiple examples of chemistry in everyday life
- Addresses compounds that affect everyone in one way or another: poisons, pharmaceuticals, foods, and illicit drugs; thereby evoking a powerful emotional response which increases interest in the topic at hand
- Focuses on edgy types of stories that chemists generally tend to avoid so as not to paint chemistry in a bad light; however, these are the stories that people find interesting
- Provides detailed and sophisticated stories that increase the reader's fundamental scientific knowledge
- Discusses complex topics in an engaging and accessible manner, providing the "how" and "why" that takes readers deeper into the stories

AUGUST 2017 352PP

978-1-119-26526-9 PB \$54.95 (Japan)*General Chemistry*

Automation Solutions for Analytical Measurement

Theory, Concepts, and Applications

分析測定のための自動化のソリューション – 理論、概念、および応用

HEIDI FLEISCHER & KERSTIN THUROW

The first book dedicated specifically to automated sample preparation and analytical measurements, this timely and systematic overview not only covers biological applications, but also environmental measuring technology, drug discovery, and quality assurance.

Following a critical review of realized automation solutions in biological sciences, the book goes on to discuss special requirements for comparable systems for analytical applications, taking different concepts into consideration and with examples chosen to illustrate the scope and limitations of each technique.



AUGUST 2017 296PP

978-3-527-34217-4 CL \$135.00 (Japan)*Lab Automation & Miniaturization*

AUGUST 2017

978-3-527-80529-7 Wiley Online Library

Digital Forensics

デジタル・フォレンジック

Editor ANDRÉ ÁRNES

Digital forensics and cybercrime investigations are key competencies in meeting the growing risks of cybercrime in the digital world, as well as for the investigation of criminal cases in general. This textbook in digital forensics encompasses all aspects of the field, including methodological, scientific, technical and legal matters.

Learning elements:

- Multiple choice questions suitable for online use
- Test questions from exam sets
- A rich library of academic references and references to online media
- Real-world examples and scenarios, including court cases and technical problems
- Visuals, illustrations and case example images



JULY 2017 376PP

978-1-119-26238-1 PB \$75.00 (Japan)

Forensics

JULY 2017

978-1-119-26244-2 Wiley Online Library

Wiley Registry 11th Edition / NIST 2017 Mass Spectral Library

WILEY & NIST

John Wiley & Sons, Inc.

AUGUST 2017 UnknownPP

978-1-119-41223-6 Software* \$12000.00 (Japan)

Mass Spectrometry

The HPLC-MS Handbook for Practitioners

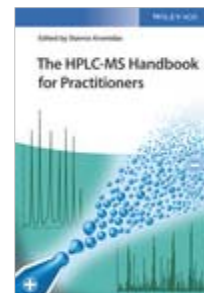
実務家のためのHPLC-MSハンドブック

STAVROS KROMIDAS

Novia GmbH, Saarbrücken, Ge

Filling the gap for an expert text dealing exclusively with the practical aspects of HPLC-MS coupling, this concise, compact, and clear book provides detailed information to enable users to employ the method most efficiently.

Following an overview of the current state of HPLC-MS and its instrumentation, the text goes on to discuss all relevant aspects of method development. A chapter on tips and tricks is followed by user reports on the advantages - and pitfalls - of applying the method in real-life scenarios. The whole is rounded off by a look at future developments by renowned manufacturers.



AUGUST 2017 260PP

978-3-527-34307-2 CL \$120.00 (Japan)

Mass Spectrometry

JULY 2017

978-3-527-80920-2 Wiley Online Library

Conductive Atomic Force Microscope

導電性原子間力顕微鏡

MARIO LANZA

The first book to summarize the applications of CAFM as the most important method in the study of electronic properties of materials and devices at the nanoscale.

To provide a global perspective, the chapters are written by leading researchers and application scientists from all over the world and cover novel strategies, configurations and setups where new information will be obtained with the help of CAFM.

With its substantial content and logical structure, this is a valuable reference for researchers working with CAFM or planning to use it in their own fields of research.



AUGUST 2017 400PP

978-3-527-34091-0 CL \$205.00 (Japan)

Microscopy

AUGUST 2017

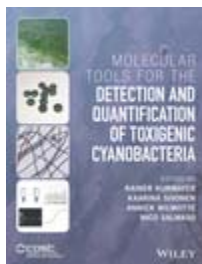
978-3-527-69977-3 Wiley Online Library

Molecular Tools for the Detection and Quantification of Toxigenic Cyanobacteria

毒素産生シアノバクテリアの検出と定量のための分子ツール

RAINER KURMAYER, KAARINA SIVONEN, ANNICK WILMOTTE & NICO SALMASO

Runaway eutrophication and climate change has made the monitoring and management of toxigenic organisms in the world's bodies of water more urgent than ever. In order to influence public policy regarding the detection and quantification of those organisms, it is incumbent upon scientists to raise the awareness of policy makers concerning the increased occurrence of toxigenic cyanobacteria and the threats they pose. As molecular methods can handle many samples in short time and help identify toxigenic organisms, they are reliable, cost-effective tools available for tracking toxigenic cyanobacteria worldwide. This volume arms scientists with the tools they need to track toxigenicity in surface waters and food supplies and, hopefully, to develop new techniques for managing the spread of toxic cyanobacteria.



This handbook offers the first comprehensive treatment of molecular tools for monitoring toxigenic cyanobacteria. Growing out of the findings of the landmark European Cooperation in Science and Technology Cyanobacteria project (CYANOCOST), it provides detailed, practical coverage of the full array of available molecular tools and protocols, from water sampling, nucleic acid extraction, and downstream analysis—including PCR and qPCR based methods—to genotyping (DGGE), diagnostic microarrays, and community characterization using next-gen sequencing techniques.

- Offers an overview of the latest trends in the field, while providing a foundation for understanding and applying the tools and techniques described
- Provides detailed coverage of the full range of molecular tools currently available, with expert guidance on the analysis and interpretation of results
- Includes step-by-step guidance on standard operational procedures, including molecular tests used in environmental monitoring, with individual chapters devoted to each procedure
- Complements the published Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis from the CyanoCOST project

This handbook is an indispensable working resource for scientists, lab technicians, and water management professionals and an excellent text/reference for graduate students and supervisors who use molecular tools. It will also be of great value to environmental health and protection officials and policy makers.

AUGUST 2017 392PP

978-1-119-33210-7 CL \$145.00 (Japan)

Environmental Chemistry

AUGUST 2017

978-1-119-33216-9 **Wiley Online Library**

Chemicals and Methods for Conservation and Restoration

Paintings, Textiles, Fossils, Wood, Stones, Metals, and Glass

保存と修復のための化学薬品と方法 – 絵画、布地、化石、木材、石、金属、ガラス

JOHANNES KARL FINK

Before the 1970s, most information concerning the conservation and restoration of paintings, wood, and archaeological artefacts were focused on the history of the artefacts, previous attempts of conservation, and the future use of these artefacts. The technical methods of how the restoration and conservation were made were dealt with only very briefly. Today, sophisticated methods of scientific analysis such as DNA are common place, and this encourages conservators and scientists to work together to work out the development of new methods for analysis and conservation of artefacts.

This book focuses on the chemicals used for conservation and restoration of various artefacts in artwork and archaeology, as well as special applications of these materials. Also the methods used, both methods for cleaning, conservation and restoration, as well as methods for the analysis of the state of the respective artefacts. Topics include oil paintings, paper conservation, textiles and dyes for them, archaeological wood, fossils, stones, metals and metallic coins, and glasses, including church windows.

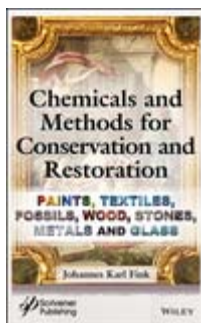
AUGUST 2017 304PP

978-1-119-41824-5 CL \$195.00 (Japan)

Paints, Pigments, Coatings, Dyes

JUNE 2017

978-1-119-41889-4 Wiley Online Library



Concepts of Modern Catalysis and Kinetics

3rd Edition

最新の触媒と反応速度論の理解 第3版

IB CHORKENDORFF & J. W. NIEMANTSVERDIET

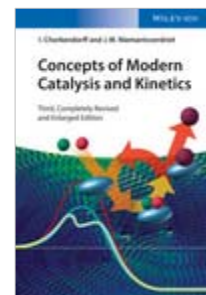
Technical University of Denmark, Interdisciplinary Research Center for Catalysis (ICAT), Lyngby, Denmark; Eindhoven University of Technology, NL

Until now, the literature has offered a rather limited approach to the use of fundamental kinetics and their application to catalytic reactions. There are several books on kinetics, but the application of kinetics on catalytic reactions is hardly more than a brief chapter. Subsequently, this book spans the full range from fundamentals of kinetics and heterogeneous catalysis via modern experimental and theoretical results of model studies to their equivalent large-scale industrial production processes. The result is key knowledge for students at technical universities and professionals already working in industry.

AUGUST 2017 524PP

978-3-527-33268-7 PB \$120.00 (Japan)

Catalysis



Chiral Lewis Acids in Organic Synthesis

有機合成におけるキラルルイス酸

JACEK MLYNARSKI

A complete overview covering the application of metal-based chiral Lewis acids from all parts of the periodic table. The book discusses the design of chiral complexes as well as a wide spectrum of reactions promoted by various chiral Lewis acids, including water-compatible acids as well as the most important applications in the chemical and pharmaceutical industries.

A must-have for catalytic and organic chemists working in the field, both in academia and industry, as well as pharmaceutical and medicinal chemists.

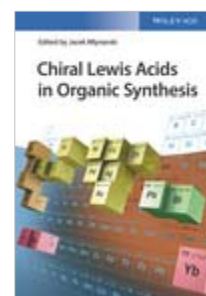
AUGUST 2017 392PP

978-3-527-34129-0 CL \$205.00 (Japan)

Catalysis

AUGUST 2017

978-3-527-80214-2 Wiley Online Library



Chemical Reaction Kinetics

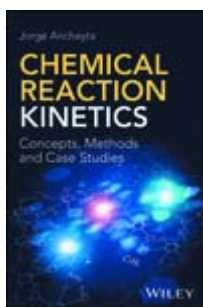
Concepts, Methods and Case Studies

化学反応の反応速度論 — 概念、方法、およびケーススタディ

JORGE ANCHEYTA

Mexican Institute of Petroleum, Mexico City

Chemical Reaction Kinetics: Concepts, Methods and Case Studies focuses on fundamental aspects of homogeneous reaction kinetics, with emphasis on the mathematical treatment of experimental data and interpretation of the results. It describes basic concepts of reaction kinetics, the parameters to measure the progress of chemical reactions, the variables that affect the reaction rates, and the ideal reactor performance and equations. Mathematical methods to determine reaction kinetic parameters are described in detail with the help of examples and worked step-by-step solutions. Both analytical and numerical solutions are exemplified.



Following an introductory chapter on the basic concepts of stoichiometry, thermodynamics and chemical kinetics, the textbook then goes on to discuss reaction kinetics and methods for the study of irreversible reactions with one, two and three components, reversible reactions and complex reactions. The final chapter addresses reaction mechanisms, enzymatic reactions, data reconciliation, parameters and examples of industrial reaction kinetics. Throughout the book the industrial case studies are presented with step-by-step solutions, and further problems are proposed at the end of each chapter.

Chemical Reaction Kinetics: Concepts, Methods and Case Studies will provide students with a fundamental understanding of the basic principles of chemical kinetics for homogeneous catalysis, and be an essential reference for chemical and process engineers, catalysis researchers, and professionals involved in developing kinetic models.

AUGUST 2017 288PP

978-1-119-22664-2 CL \$90.00 (Japan)

Homogeneous Catalysis

JULY 2017

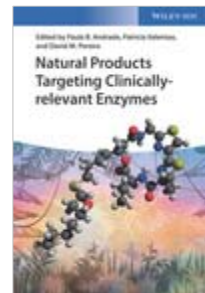
978-1-119-22666-6 **Wiley Online Library**

Natural Products Targeting Clinically Relevant Enzymes

臨床に関連する酵素を標的とする天然物

PAULA B. ANDRADE, PATRICIA VALENTAO & DAVID M. PEREIRA

The past decade has seen the reappearance of natural products as a valuable source of potent therapeutics. Here, experts on bioactive natural products cover the full spectrum of clinically relevant enzymes that are known to be targeted by natural products. Key enzymes include acetylcholine esterase, angiotensin-I-converting enzyme, cyclooxygenase, dihydrofolate reductase, phospholipase A2, respiratory complexes, and many more.



By connecting the diversity of medicinal natural product sources with their potential clinical applications, this volume serves as a companion for the medicinal chemist looking for innovative small molecule compounds as well as for pharmacologist interested in the clinical effects and mode of action of herbal and traditional medicines.

AUGUST 2017 328PP

978-3-527-34205-1 CL \$190.00 (Japan)

Drug Discovery & Development

Organic Reactions, Volume 92

有機反応 第92巻

Editor-in-Chief SCOTT E. DENMARK

University of Illinois, Urbana-Champaign

The latest volume in this series for organic chemists in industry presents critical discussions of widely used organic reactions or particular phases of a reaction. The material is treated from a preparative viewpoint, with emphasis on limitations, interfering influences, effects of structure and the selection of experimental techniques. The work includes tables that contain all possible examples of the reaction under consideration. Detailed procedures illustrate the significant modifications of each method.



JULY 2017 712PP

978-1-119-28142-9 CL \$295.00 (Japan)

Organic Chemistry

Continuous Manufacturing of Pharmaceuticals

医薬品の継続的な製造

Editor PETER KLEINEBUDDE, Editor JOHANNES KHINAST & Editor JUKKA RANTANEN
Heinrich-Heine-University Duesseldorf, Germany; Graz University of Technology, Austria; University of Copenhagen, Denmark

There is a growing interest to move towards continuous processing in the pharmaceutical industry.

Development of a conceptual framework for continuous manufacturing provides several advantages over the current batch operation based thinking, namely safer and more cost-effective manufacturing of highly customized drug delivery systems, faster time-to-market and successive generation of new innovative medicinal products, and smaller and more green production facilities with minimal need for scaling-up and maintenance. Continuously operating manufacturing lines and more flexible manufacturing platforms are crucial when more personalized solutions for medication are implemented.

This book covers the main aspects of continuous manufacturing of pharmaceuticals. The first part provides a snapshot of key chemical engineering principles. This is supported by identifying the major needs for the regulatory environment. The following two parts cover existing technologies for manufacturing both small molecule based products and protein/peptide products. The fourth part of the book is dedicated to process analytical tools, since this area is crucial for continuously operating manufacturing environment and innovative future products. The final two sections of the book cover integration of several individual parts of processing into fully operating continuous process environment and summarize the state-of-art approaches for new innovative manufacturing principles.

This book provides a full snapshot of all existing technologies for continuous manufacturing of pharmaceuticals, as well as an overview of promising future approaches enabling production of highly innovative pharmaceutical products.



SERIES: ADVANCES IN PHARMACEUTICAL TECHNOLOGY

AUGUST 2017 592PP

978-1-119-00132-4 CL \$190.00 (Japan)

Pharmaceutical Unit Operations (Pharmaceutical Engineering)

AUGUST 2017

978-1-119-00134-8 Wiley Online Library

Experimental Organic Chemistry 3rd Edition

実験有機化学 第3版

PHILIPPA B. CRANWELL, LAURENCE M. HARWOOD & CHRISTOPHER J. MOODY
University of Oxford, UK; Loughborough University, UK

This established text provides a rigorous account of the principles and practice of experimental organic chemistry, taking students from their first day in the laboratory right through to research work. A microscale approach is integrated into the entire text, alongside conventional manipulations, in line with current laboratory practice.



The first half of the book surveys all aspects of safe laboratory practice, the use of a wide range of purification and analytical techniques, particularly spectroscopic analysis. The second half contains easy-to-follow experimental procedures, each designed to illustrate an important reaction type or basic principle of organic chemistry. Tried and tested over the past two decades, these experiments are graded according to their complexity and many of these have microscale equivalents. Of prime importance, all aspects of health and safety in the laboratory are highlighted throughout the text.

In this third edition of Experimental Organic Chemistry all sections have been thoroughly updated to reflect new techniques and equipment. The text has a sharper focus on practical skills, procedures and tips and the number of experiments has been increased to over 100 tried and tested procedures. New experiments include transition metal catalysed organometallic reactions, solid-phase peptide coupling, asymmetric synthesis, epoxidation, and microwave-assisted synthesis. Finally there are new sections on databases and information retrieval, electronic notebooks and record keeping, modelling/simulation as a laboratory aid, and modern techniques such as semi-automated chromatography.

Experimental Organic Chemistry is an essential laboratory textbook for students of chemistry at all levels, and a handy reference for experienced chemists.

AUGUST 2017 688PP

978-1-119-95239-8 CL \$160.00 (Japan)

Methods - Synthesis & Techniques

AUGUST 2017 688PP

978-1-119-95238-1 PB \$70.00 (Japan)

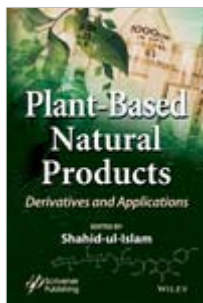
Methods - Synthesis & Techniques

Plant-Based Natural Products Derivatives and Applications

植物由来の天然物 — 誘導体と応用

Editor SHAHID UL-ISLAM

Intense research has been started all around the world in the past few decades to exploit different agents from natural products as eco-friendly alternative to synthetic and toxic chemicals. Natural products and their derivatives have received increasing attention for their use in many everyday applications ranging from food, medicine, textiles, and healthcare. This new book presents significant research advances about the use of natural products, mainly plant colorants, bioactive compounds and other plant extracts in the textile coloration, food, bioremediation and environmental applications. There are total eight chapters contributed by leading researchers covering the topics such as potential resurgence of natural dyes in applied fields, natural colorants from indigoid plants, phytochemistry of dye yielding plants, irradiation as novel pretreatment methods, dyeing studies with henna plant, phytoremediation of arsenic, and synthesis of curcumin complexes for medicinal and other industrial uses.



AUGUST 2017 240PP

978-1-119-42383-6 CL \$195.00 (Japan)

Natural Products

JULY 2017

978-1-119-42389-8 Wiley Online Library

Advances in Chemical Physics, Volume 162

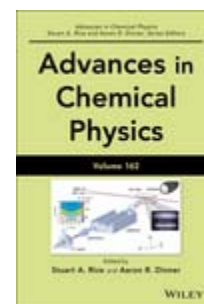
化学物理学の進歩 第162巻

STUART A. RICE & AARON R. DINNER

*The James Franck Institute, The University of Chicago, Illinois;
University of Chicago*

The Advances in Chemical Physics series provides the chemical physics field with a forum for critical, authoritative evaluations of advances in every area of the discipline.

- This is the only series of volumes available that presents the cutting edge of research in chemical physics.
- Includes contributions from experts in this field of research.
- Contains a representative cross-section of research that questions established thinking on chemical solutions
- Structured with an editorial framework that makes the book an excellent supplement to an advanced graduate class in physical chemistry or chemical physics



SERIES: ADVANCES IN CHEMICAL PHYSICS

AUGUST 2017 384PP

978-1-119-32457-7 CL \$295.00 (Japan)

Physical Chemistry

JULY 2017

978-1-119-32456-0 Wiley Online Library

Fundamentals of Ionic Liquids

イオン液体の基礎

DOUGLAS MACFARLANE, JENNIFER M. PRINGLE, GARY ANNAT & MEGA KAR

Monash University, Melbourne, Australia

Written by experts who have been part of this field since its beginnings in both research and academia, this textbook introduces readers to this evolving topic and the broad range of applications that are being explored.

The book begins by examining what it is that defines ionic liquids and what sets them apart from other materials. Chapters describe the various types of ionic liquids and the different techniques used to synthesize them, as well as their properties and some of the methods used in their measurement. Further chapters delve into synthetic and electrochemical applications and their broad use as "Green" solvents. Final chapters examine important applications in a wide variety of contexts, including such devices as solar cells and batteries, electrochemistry, and biotechnology.

The result is a must-have resource for any researcher beginning to work in this growing field, including senior undergraduates and postgraduates.

AUGUST 2017 248PP

978-3-527-33999-0 CL \$120.00 (Japan)

Sustainable Chemistry & Green Chemistry

AUGUST 2017

978-3-527-34003-3 Wiley Online Library

Tutorials in Chemoinformatics

ケモインフォマティクスのチュートリアル

ALEXANDRE VARNEK

This textbook contains ~50 tutorials in chemoinformatics based on material developed for MSc programs running at the Universities of Strasbourg (France), Bonn (Germany), Lisbon (Portugal) Vienna (Austria) and Kazan (Russia), and for four International Strasbourg Summer Schools in Chemoinformatics in the period 2008-2014.

Each tutorial is a self-contained exercise which students work through using various different software packages, to explore key topics and methods in chemoinformatics. Topics covered include development and use of chemical databases, design of diverse and focused libraries, chemical data analysis and visualization, structure-property/activity modeling, docking, pharmacological profiling using shape analysis, and algorithmic chemoinformatics. Each tutorial is divided into three sections; (i) theoretical background, (ii) algorithm description, (iii) step-by-step software instructions. Three types of software tools are used: in-house programs developed by the authors, open-source programs and commercial programs which are either free or relatively inexpensive for academics. The in-house software, data sets and some supplementary material will be available for the users from a dedicated Wiley website.

Tutorials in Chemoinformatics is designed for use as a teaching support in advanced undergraduate and graduate taught courses, as well as for individual training and self-study.

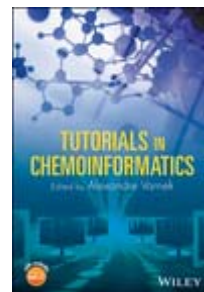
AUGUST 2017 472PP

978-1-119-13796-2 CL \$95.00 (Japan)

Chemical Informatics

AUGUST 2017

978-1-119-16111-0 Wiley Online Library



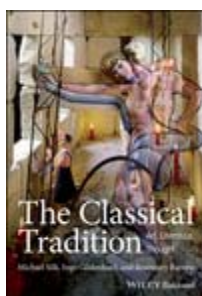
西洋古典

The Classical Tradition

Art, Literature, Thought

MICHAEL SILK, INGO GILDENHARD & ROSEMARY BARROW
Michael Silk: King's College London, UK; Ingo Gildenhard: Durham University, UK; Rosemary Barrow: University of Roehampton, UK

- Presents an authoritative, coherent guide to the influence of Greco-Roman antiquity in later Western cultures and offers an interpretation of important aspects of Western Culture from a classical perspective
- Crosses disciplinary boundaries to make new sense of a rich variety of material, rarely brought together
- Features a unique combination of chronological range, cultural scope, coherent argument, and unified analysis
- Presents an innovative overview of the afterlife of antiquity written in a lively, engaging manner



READERSHIP: Post-graduate students taking courses in the classical tradition and reception studies; scholars in departments of classics, English and comparative literature, and art history working on the classical tradition

AUGUST 2017 536PP

978-1-4051-5550-2 PB \$34.95 (Japan)

Reception of the Ancient World

コンピューティング

Mastering Autodesk Revit 2018

MARCUS KIM, LANCE KIRBY & EDDY KRYGIEL

Mastering Autodesk Revit for Architecture's focused discussions, detailed exercises, and compelling real-world examples are organized by how users learn and implement Revit, an approach that will resonate with Revit users of all skill levels. The expert authors re-evaluated the entire book's structure and content for this edition, responding to reader and Revit instructor feedback to make this the most useful, complete, and approachable guide to Revit Architecture ever. Based on the author's extensive experience using the software, Mastering Autodesk Revit for Architecture is organized by real-world workflows and features detailed explanations, interesting real-world examples, and practical tutorials to help readers understand Revit and BIM concepts so that they can quickly start accomplishing vital Revit tasks. The book also features information to help readers prepare for Autodesk's certification exams.



The book begins with discussions of key BIM and Revit concepts before giving readers a hands-on look at the Revit interface. Part II explores today's Revit workflows and introduces readers to templates, work-sharing, and managing Revit projects. Part III dives into modeling and massing and offers detailed information on the crucial Family Editor as well as visualization techniques for various industries. Part IV covers documentation, including annotation and detailing, and explains how to work with complex walls, roofs and floors as well as curtain walls and advanced stair and railings. The book's companion website features before-and-after tutorial files (metric and Imperial sets), additional advanced content, and an hour of video on crucial techniques.

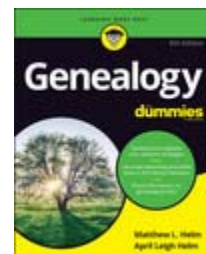
AUGUST 2017 1056PP

978-1-119-38672-8 PB \$70.00 (Japan)*Graphics & Design software (Non-Microsoft)*

JULY 2017

978-1-119-41431-5 Wiley Online LibraryGenealogy For Dummies
8th EditionAPRIL LEIGH HELM, United States & MATTHEW L. HELM,
United States

Genealogy For Dummies, 8th Edition covers everything you need to know about starting a genealogical research project—including where and how to find information, how to communicate with other online genealogists, how to leverage social networking sites and apps, how to add digital images to your family tree, and how to build your own site for sharing information. It also explains the use of compiled genealogies, U.S. Census information, and public access catalogs.



Brand new to this edition is content on how to conduct genealogical research on the road, and on how to take this research and integrate it into the data found at home. It also contains new information on DNA research and testing, new geocoding applications to record geographic data into a genealogical database, and other new technologies. The book covers which apps are worth your money, and how to get the most out of them.

- Use the latest tools to research family history
- Create your own site to showcase your family tree, digital images, and compiled genealogies
- Get access to free versions of Legacy Family Tree and Personal Ancestral Files
- Utilize both online and offline research techniques and tools

Follow the clues to uncover your family's legacy—and have fun along the way!

AUGUST 2017 384PP

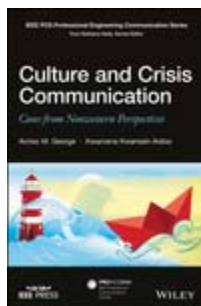
978-1-119-41196-3 PB \$26.99 (Japan)*Computing Special Topics*

コミュニケーション

Culture and Crisis Communication Cases from Nonwestern Perspectives

AMISO M. GEORGE & KWAMENA KWANSAH-AIDOO

Culture and Crisis Communication: Cases from Nonwestern Societies focuses on trending areas of interest such as globalization and the emerging economic powers in the form of the BRIC countries - Brazil, Russia, India, and China. It analyzes crisis not just within a single country perspective, but from a cross-cultural and cross-country perspective--such as how a crisis in one country may affect another. The key is to identify and discuss how politics, culture, religion and other social issues affect crisis communication and management, and lessons that organizations that wish to operate or are operating in those cultures could use in preparing and managing crisis.



The book is divided into three sections. The first is an introduction on culture and crisis communication. The next chapters analyze case studies, the intra-cultural and trans-boundary crisis communication. Each chapter examines how cultural impacts communication and response to crisis, using a case study or two to illustrate.

SERIES: IEEE PCS PROFESSIONAL ENGINEERING COMMUNICATION SERIES

AUGUST 2017 392PP

978-1-119-00975-7 PB \$49.95 (Japan)

Cultural Communication

AUGUST 2017

978-1-119-08170-8 [Wiley Online Library](#)

コンピュータサイエンス

**Asymmetric Alliances Management
via Information Systems****Issues and Prospects**

FADIA BAHRI KORBI & KARIM SAID

This book aims to address the impact of information systems on the management of asymmetric strategic alliances South North through a series of case studies referring to distinct forms of alliances. Now at the heart of the value creation process, the information system is more and more working in conjunction with organizational choices related to the form of the alliance as well as management systems and organizational processes specific to each partners. It particularly comes to understanding the nature of the relationship between organizational design and the integration of informatic system mode adopted within asymmetric alliances. We will explain how particular the informatic system integration procedures are closely linked to organizational and structural choice of the alliance and impact the diffusion mechanisms of information, coordination and control of joint activities.

AUGUST 2017 160PP

978-1-78630-097-3 CL \$115.00 (Japan)*Information Technologies*

JUNE 2017

978-1-119-33568-9 **Wiley Online Library****Content Delivery Networks
Fundamentals, Design, and Evolution**

DOM ROBINSON

The book examines the real-world engineering challenges of CDN and provides the tools for the reader to ensure high-quality content delivery for the operator's and consumers' commercial objectives. After reviewing some of the history of streaming, the book discusses a wide range of design considerations for different network topologies, starting with the author's own requirement filtration processes through to initial sketches, through to roles and responsibilities and the complexity of managing change in established teams, agile versus waterfall considerations in the context of large blue chips, security and commercial models, and value chain alignment. The book also includes a number of "what if" scenarios that gives the reader an understanding of the broad spectrum of practical context in building an operating a CDN.



AUGUST 2017 400PP

978-1-119-24987-0 CL \$119.00 (Japan)*Networking*

JULY 2017

978-1-119-24992-4 **Wiley Online Library**

Network Forensics

RIC MESSIER

Network Forensics provides fundamental knowledge about networking that traditional forensics professionals may not have. It features a visual and hands-on approach to the material. Rather than presenting conceptual information, the book will clearly demonstrate networking fundamentals through the use of dissecting packets. The book will also use real packet captures and log files to demonstrate performing a forensic investigation on network traffic. Through this, readers will learn:



- Network packet analysis – being able to investigate packet captures to identify network communications involved in an attack or crime is an essential skill
- Locating host-based artifacts – network communications leave artifacts on the target host and investigators need to know what those artifacts are
- Log analysis – network services will often leave logs behind that can be used to correlate with packet captures
- Intrusion Detection Systems – intrusion detection systems can do a lot of the work of an investigator so understanding them is important for an investigator
- Preparing for an incident – without evidence, it's difficult to perform an investigation so encouraging potential targets to prepare ahead of time with the right network architecture and systems

AUGUST 2017 400PP

978-1-119-32828-5 PB \$60.00 (Japan)

Networking / Security

JULY 2017 400PP

978-1-119-32919-0 [Wiley Online Library](#)

WordPress For Dummies

8th Edition

LISA SABIN-WILSON, *West Bend, United States*

Updated to capture all the changes expected to come with the latest release of WordPress, the brand-new edition of this bestselling guide gives you an all-access pass to using this powerful publishing platform to get your very own blog or website up and running—in no time. In WordPress For Dummies, you'll find out how to choose and customize a theme, pick the perfect web host, manage multiple websites with multiple authors, and tons more.



Due in large part to its state-of-the-art features, WordPress has become the go-to platform for website owners and bloggers who want to be noticed. Whether you're new to the web/blogging community or want to maximize your site, this hands-on guide is packed with everything you need to navigate the wonderful world of WordPress—and ensure the fruit of your labors gets the attention and traffic it deserves.

- Get set up with a new WordPress.org account
- Leverage the power of WordPress as a CMS tool
- Forget one website—manage as many as you want
- Optimize aesthetics, web standards, and usability

Not a WordPress guru? No worries! Everything you need to become a pro is a page—and a click—away!

AUGUST 2017 432PP

978-1-119-32592-5 PB \$26.99 (Japan)

Web Site Development

Security and Privacy in Cyber-Physical Systems

Foundations, Principles and Applications

Editor HOUBING SONG, Editor GLENN FINK & Editor SABINA JESCHKE

Written by a team of experts at the forefront of the cyber-physical systems (CPS) revolution, this book provides an in-depth look at security and privacy, two of the most critical challenges facing both the CPS research and development community and ICT professionals. It explores, in depth, the key technical, social, and legal issues at stake, and it provides readers with the information they need to advance research and development in this exciting area.



Cyber-physical systems (CPS) are engineered systems that are built from, and depend upon the seamless integration of computational algorithms and physical components. Advances in CPS will enable capability, adaptability, scalability, resiliency, safety, security, and usability far in excess of what today's simple embedded systems can provide. Just as the Internet revolutionized the way we interact with information, CPS technology has already begun to transform the way people interact with engineered systems. In the years ahead, smart CPS will drive innovation and competition across industry sectors, from agriculture, energy, and transportation, to architecture, healthcare, and manufacturing. A priceless source of practical information and inspiration, *Security and Privacy in Cyber-Physical Systems: Foundations, Principles and Applications* is certain to have a profound impact on ongoing R&D and education at the confluence of security, privacy, and CPS.

SERIES: WILEY - IEEE

AUGUST 2017 456PP

978-1-119-22604-8 CL \$115.00 (Japan)

Computer Security & Cryptography

AUGUST 2017

978-1-119-22607-9 **Wiley Online Library**

文化研究

Popular Culture

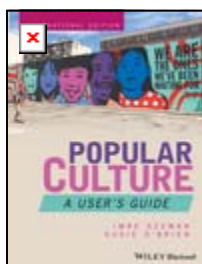
A User's Guide

International Edition

IMRE SZEMAN & SUSIE O'BRIEN
University of Alberta, Canada

Popular Culture: A User's Guide, International Edition ventures beyond the history of pop culture to give readers the vocabulary and tools to address and analyze the contemporary cultural landscape that surrounds them.

- Moves beyond the history of pop culture to give students the vocabulary and tools to analyze popular culture
- Suitable for the study of popular culture across a range of disciplines, from literary theory and cultural studies to philosophy and sociology
- Covers a broad range of important topics including the underlying socioeconomic structures that affect media, the politics of pop culture, the role of consumers, subcultures and countercultures, and the construction of social reality
- Examines the ways in which individuals and societies act as consumers and agents of popular culture
- Numerous learning features including case studies, real-life examples, suggested activities, boxed features, a glossary, and an instructor's manual



AUGUST 2017 384PP

978-1-119-14033-7 CL \$94.95 (Japan)

Popular Culture

AUGUST 2017 400PP

978-1-119-14034-4 PB \$39.95 (Japan)

Popular Culture

Baidu SEO

Challenges and Intricacies of Marketing in China

VÉRONIQUE DUONG

SEO practices for Baidu and other Chinese search engines are little known in the Western world. However, in order for a company to promote itself successfully in the Middle Kingdom, it is absolutely necessary to go online in China. Chinese SEO is not only about working on the on-site and off-site aspects of a site, there are also many administrative tasks to take into account: the creation of a site in China can pose governmental problems (obtaining a Chinese mobile line, applying for an ICP license, proving that the company is well established in China, etc.)

In order for readers to understand how SEO and web-marketing works in China, tips, advice and case studies are presented throughout this book.

AUGUST 2017 160PP

978-1-78630-111-6 CL \$120.00 (Japan)

Digital Culture & the Information Age

JUNE 2017

978-1-119-36875-5 Wiley Online Library

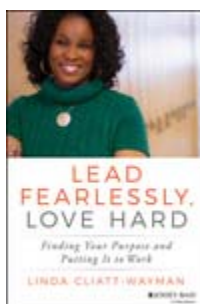
教育

Lead Fearlessly, Love Hard

Finding Your Purpose and Putting It to Work

LINDA CLIATT-WAYMAN

So much of the heated debate about education is about improving systems from without; this is a book intended to guide and inspire those who choose to lead from within, written by a woman who has led successfully for students in poverty in spite of daunting challenges. Wayman's narrative-driven book highlights the intersection of strong visionary and strategic thinking with on-the-ground, day-to-day implementation, highlighting the real stories of students and educators in low-income schools. While she is guided by clear principles and values, Wayman stresses the critical importance of each individual interaction with each individual child.



Wayman's extraordinary experience as an urban educator will serve as a testament to how strong, steadfast leadership can overcome daunting challenges; as an example of what is possible for children living in poverty; and as a call to action to help children in poverty reach their full potential. Fearless Leadership will provide hope, optimism, and a path forward for those working in challenging schools.

AUGUST 2017 208PP

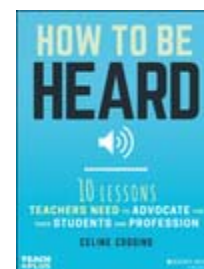
978-1-119-28853-4 CL \$25.95 (Japan)*Leadership & Administration (K-12)*

How to Be Heard

Ten Lessons Teachers Need to Advocate for their Students and Profession

CELINE COGGINS

This book offers the Teach Plus curriculum for amplifying teacher voice and creating more teacher leaders. It's a one-stop shop for educators who are interested in learning about the big picture in K12 education, and how they can affect it. It includes a clear view of Policy and Advocacy; a Teacher Leader How-To Guide; and stories from the trenches in getting teachers seats at decision-making tables across the nation. The book is structured with 10 chapters that correspond to the top ten things teachers need to know and be able to do to be effective change leaders. Each chapter is anchored with a story of effective teacher advocacy.



Teacher interest in taking greater leadership over the issues that affect American classrooms is at an all-time high. At the same time, teacher union strength and teacher morale have reached all-time lows. Teachers are seeking expanded influence and coming up short. Most teachers lack the knowledge and skills to be effective in advocating for their students' needs as well as their own. In some areas of education reform, teacher actions are increasing the odds that practitioners will be excluded from the decision-making table in the future. Teacher voice is essential to good education policy, yet teachers need new information to move from being perceived as the "party of no" to being recognized for their problem-solving ability.

Despite the obstacles, some teachers are having success advocating for important changes on behalf of their students and their profession. What makes these teachers different? They have learned the unwritten rules and tacit knowledge that governs decision-making in education. They have a playbook that gets them a seat at the decision-making table and results that benefit their students. Their experiences can point a way forward, and empower all teachers.

AUGUST 2017 208PP

978-1-119-37399-5 PB \$34.95 (Japan)*Leadership & Administration (K-12)*

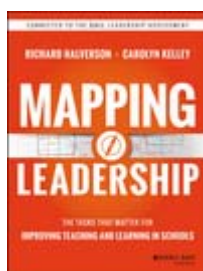
Mapping Leadership

The Tasks that Matter for Improving Teaching and Learning in Schools

RICHARD HALVERSON, *Madison* & CAROLYN KELLEY, *Madison*

Drawing on twenty years of research in school effectiveness, this book presents a distributed model of task-based school leadership that leads to continuous school improvement. The book outlines the tasks school leadership teams must focus on to improve teaching and learning, grouped into the following five domains:

- Focus on Learning
- Monitoring Teaching and Learning
- Building Nested Learning Communities
- Acquiring and Allocating Resources
- Maintaining a Safe and Effective Learning Environment



Recognizing that the principal is a single actor in a complex web of activity influencing student learning, the focus is not only on the principal's role but on a range of leadership and instructional practices to be shared across the leadership team (including APs, counselors, teachers, and support personnel). These tasks, organized into 21 subdomains, have been demonstrated through extensive research to contribute to improved student learning.

AUGUST 2017 240PP

978-1-118-71169-9 PB \$32.95 (Japan)

Leadership & Administration (K-12)

Who Do You Think You Are?

STEPHEN M SMITH

Nearly 3.3 million students are expected to graduate from high school this year, and most of them will head straight to college. Sadly, less than 30 percent of those students are expected to complete a two-year degree within four years and less than 60 percent will earn their bachelor's degree within six. Of those who do succeed in completing their degrees, many fail to secure employment in their chosen field, or they arrive in the workplace unprepared or with unrealistic expectations of what it will take to succeed. Drawing on the author's work with millions of teenagers and college students around the globe, as well as the schools and families who support them, this book takes a fresh look at the entire process, from grade school through college and beyond, offering insight on practical things schools and families can do to prepare students for the life they want.



The book explains how parents, guidance counselors, and administrators can help students discover their strengths and their passions, build solid academic and career plans, find the best-fit institution to help them achieve their academic and life goals, and then sticking with them until they reach those goals.

AUGUST 2017 208PP

978-1-119-38470-0 CL \$25.00 (Japan)

Business Education

The Writing Revolution

A Guide To Advancing Thinking Through Writing In All Subjects and Grades

JUDITH C. HOCHMAN & NATALIE WEXLER

A clear, evidence-based method of instruction that you can use no matter what subject or grade level you teach. This method, also known as the Hochman Method, has demonstrated that it can turn weak writers into strong communicators. Includes notes on how to differentiate instruction to meet individual student needs.



AUGUST 2017 312PP

978-1-119-36491-7 PB \$32.95 (Japan)

Writing

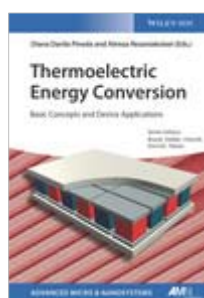
Thermoelectric Energy Conversion Basic Concepts and Device Applications

DIANA DAVILA PINEDA, OLIVER BRAND, GARY K. FEDDER, CHRISTOFER HIEROLD, JAN G. KORVINK & OSAMU TABATA
Institute of Microelectronics of Barcelona at Spanish National Research Council (CSIC), Barcelona, Spain; Georgia Institute of Technology, Atlanta, USA; Carnegie Mellon University, Pittsburgh, PA, USA; ETH Zurich, Zurich, Switzerland; IMTEK-Institute for Microsystem Technology, Faculty for Applied Sciences, Albert Ludwig University Freiburg, D-79110 Freiburg, Germany; Kyoto University, Kyoto, Japan

The latest volume in the well-established AMN series, this ready reference provides an up-to-date, self-contained summary of recent developments in the technologies and systems for thermoelectricity.

Following an initial chapter that introduces the fundamentals and principles of thermoelectricity, subsequent chapters discuss the synthesis and integration of various bulk thermoelectric as well as nanostructured materials. The book then goes on to discuss characterization techniques, including various light and mechanic microscopy techniques, while also summarizing applications for thermoelectric materials, such as micro- and nano-thermoelectric generators, wearable electronics and energy conversion devices.

The result is a bridge between industry and scientific researchers seeking to develop thermoelectric generators.



SERIES: ADVANCED MICRO AND NANOSYSTEMS
AUGUST 2017 336PP

978-3-527-34071-2 CL \$205.00 (Japan)

MEMS and Nanoelectronics

AUGUST 2017

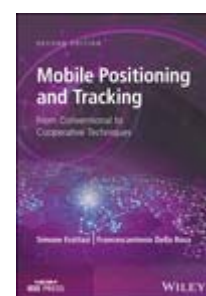
978-3-527-69811-0 Wiley Online Library

Mobile Positioning and Tracking From Conventional to Cooperative Techniques 2nd Edition

SIMONE FRATTASI & FRANCESCANTONIO DELLA ROSA
Aalborg University, Denmark

Current trends in mobile services envisage location-based networking as a major strong stimulator for the development of novel solutions for obtaining positioning information in wireless networks. This book discusses mobile positioning solutions applied on top of current wireless communication networks. Moreover, it introduces advanced and novel topics such as localization in heterogeneous and cooperative scenarios.

In this fully updated second edition, the authors summarize recent developments in mobile positioning and tracking. Compared with the previous version, the new edition introduces more advanced topics, providing the bridge between research and industry. It works as an important reference and provides good foundations for new researchers. First, the wireless communication system is described, which is closely related to the mobile positioning. Based on the related properties of the wireless signals, the reader can analyze different localization techniques and present their pros and cons with solid wireless background information. Next presented is the principle of positioning and basic localization techniques. Based on these basic ideas, the authors lead the reader into more advanced topics including data fusion, measurement filtering and tracking, which is important for new researchers in this field. The area of mobile positioning and tracking is subject to continuous innovations and improvements. The whole market is driven by newly emerging mobile communications networks, air interface design, mobile devices, and many new standards and recommendations. All these developments make it necessary to publish an update of the first edition.



SERIES: WILEY - IEEE

AUGUST 2017 424PP

978-1-119-06881-5 CL \$145.00 (Japan)

Mobile & Wireless Communications

JULY 2017

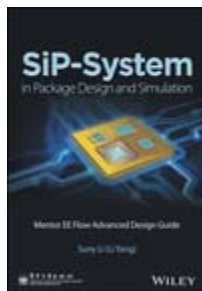
978-1-119-06884-6 Wiley Online Library

SiP-System in Package Design and Simulation

Mentor EE Flow Advanced Design Guide

SUNY LI (LI YANG)

- System in Package technology will become increasingly more popular, particularly in Aeronautics, Astronautics, mobile phone, digital camera, iPad applications, etc
- The lead author is a specialist at Mentor Graphics, one of the three biggest EDA (electronic design automation) companies in the world, focusing on integrated circuits, printed circuit boards, Wire Harness and SiP Design and simulation. Mentor Graphics has over 50% market share worldwide in design tools, so the potential market for this book is significant
- Serves as a reference, tutorial and self-study material for the System in Package designer. It has especially high value to designers using the Mentor Graphics design tools but is not limited to such and would add value to any SiP designer
- This is the English version of a Chinese language original



AUGUST 2017 400PP

978-1-119-04593-9 CL \$140.00 (Japan)

Electronic Packaging

JULY 2017

978-1-119-04599-1 Wiley Online Library

The Profession of Modeling and Simulation

ANDREAS TOLK, Norfolk, United States & TUNCER ÖREN
Old Dominion University

- Led by well-known leaders in the field and bridges the gap between industry and academia
- Features three pivotal areas within the profession of M&S, including the body of knowledge and origins of the profession; the discipline of M&S; and the economy and challenges facing M&S professionals
- Includes contributions from recognized international experts and presents state-of-the-art coverage on modeling formalisms, model-base management, model parameters and parameter-based management, and model processing techniques
- Discusses the broad applicability of M&S tools and techniques within a variety of fields including engineering, operations research, and cyber environments
- Introduces the many facets of the field with over 500 types of simulations and also presents key terminology and contemporary definitions of simulation
- Highlights professional and academic aspects of the field ranging from preferred software languages such as CD++ and ATLAS, professional certification options, key international societies, and common codes of ethics to the history of the discipline and its applications within a variety of fields



SERIES: WILEY SERIES IN MODELING AND SIMULATION

AUGUST 2017 384PP

978-1-119-28808-4 CL \$135.00 (Japan)

Systems Engineering & Management

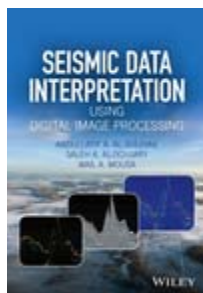
JULY 2017

978-1-119-28809-1 Wiley Online Library

Seismic Data Interpretation using Digital Image Processing

ABDULLATIF A. AL-SHUHAIL, SALEH A. AL-DOSSARY & WAIL A. MOUSA

- Shows how to process 2D and 3D seismic images in different domains and extract useful and important geological features using image processing techniques and algorithms.
- Explains the basics of seismic exploration with an emphasis on seismic interpretation.
- Contains homework problems, some of which will be mathematical in nature whereas others will require writing small computer programs, preferably using MATLAB.
- Focuses on the interpretation of seismic signals using digital image processing – covering what digital seismic images look like and how they can be interpreted using digital image processing and image analysis approaches.
- Includes a companion website providing publicly available seismic data, and software in MATLAB and C sample programs for processing them.
- Available as an enhanced eBook which includes videos illustrating the effect of processing on 3D seismic images.



AUGUST 2017 184PP

978-1-118-88178-1 CL \$95.00 (Japan)

Imaging Systems & Technology

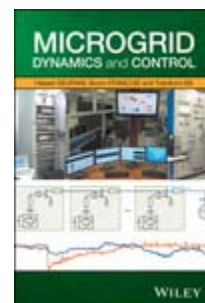
JULY 2017

978-1-119-12559-4 Wiley Online Library

Microgrid Dynamics and Control

HASSAN BEVRANI, BRUNO FRANÇOIS & TOSHIFUMI ISE

This book discusses relevant microgrid technologies in the context of integrating renewable energy and also addresses challenging issues. The authors summarize long term academic and research outcomes and contributions. In addition, this book is influenced by the authors' practical experiences on microgrids (MGs), electric network monitoring, and control and power electronic systems. A thorough discussion of the basic principles of the MG modeling and operating issues is provided. The MG structure, types, operating modes, modelling, dynamics, and control levels are covered. Recent advances in DC microgrids, virtual synchronous generators, MG planning and energy management are examined. The physical constraints and engineering aspects of the MGs are covered, and developed robust and intelligent control strategies are discussed using real time simulations and experimental studies.



AUGUST 2017 688PP

978-1-119-26367-8 CL \$149.00 (Japan)

Power Electronics

JULY 2017

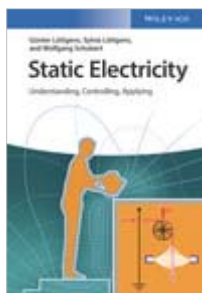
978-1-119-26373-9 Wiley Online Library

Static Electricity

Understanding, Controlling, Applying

GÜNTHER LÜTTGENS, SYLVIA LÜTTGENS & WOLFGANG SCHUBERT

Written by world-renowned experts on the topic with many years of research and consultancy experience, this invaluable book provides the practitioners' perspective, outlining the dangers and benefits of static electricity in industry. The first chapter reviews the fundamentals of understanding fires and explosions in general and electricity-induced ignition in particular, while the following chapter is dedicated to the origins of static electricity in industrial settings, such as in flowing gases and the transport of disperse systems. The major part of the text deals with measuring static electricity, elimination of unwanted charges and hazard prevention under different conditions. It concludes with an overview of practical applications in chemical and mechanical engineering. Throughout the book, real-life case studies illustrate the fundamental aspects so as to further an understanding of how to control and apply static electricity and thus reduce material damages as well as increase occupational safety. Plus additional movie sequences on the dedicated website showing static electricity in action.



AUGUST 2017 304PP

978-3-527-34128-3 CL \$165.00 (Japan)

Power Electronics

AUGUST 2017

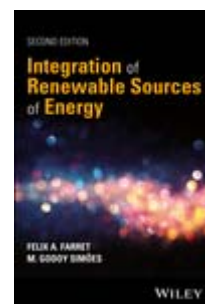
978-3-527-80333-0 [Wiley Online Library](#)

Integration of Renewable Sources of Energy

2nd Edition

FELIX A. FARRET & M. GODOY SIMÕES
Federal University of Santa Maria, RS, Brazil

This book builds on the background knowledge of electrical circuits, control of dc/dc converters and inverters, energy conversion and power electronics. The book shows readers how to apply computational methods for multi-domain simulation of energy systems and power electronics engineering problems. Each chapter has a brief introduction on the theoretical background, a description of the problems to be solved, and objectives to be achieved. Block diagrams, electrical circuits, mathematical analysis or computer code are covered. Each chapter concludes with discussions on what should be learned, suggestions for further studies and even some experimental work.



JULY 2017 600PP

978-1-119-13736-8 CL \$130.00 (Japan)

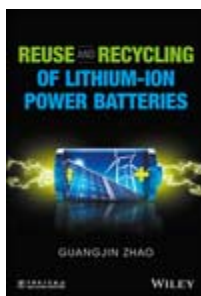
Power Electronics

エネルギー

Reuse and Recycling of Lithium-Ion Power Batteries

GUANGJIN ZHAO

This book focuses on the fundamental theories and applied technologies of the reuse and recycling of LIBs. The book's contents are based on the simulated and experimental results of a hybrid micro-grid demonstration project including retired battery energy storage systems. The author introduces key concepts like battery dismantling, sorting, second life prediction, re-packing, system integration and relevant technologies in the section on battery reuse. He then builds on that foundation with advanced topics like resource recovery, harmless treatment, secondary pollution control, and zero emission technologies. Discussion and analysis built on large amounts of experimental results from the author's lab and other literature reports are addressed in the battery recycling section. Finally, business models and strategies for secondary use and recycling of power LIBs will be described.



JULY 2017 450PP

978-1-119-32185-9 CL \$145.00 (Japan)

Energy Storage

Gas Hydrates

From Characterization and Modeling to Applications

Editor DANIEL BROSETA, Editor LIVIO RUFFINE & Editor
DESMEDT ARNAUD

Gas hydrates, or clathrate hydrates, are crystalline solids resembling ice, in which small (guest) molecules, typically gases, are trapped inside cavities formed by hydrogen-bonded water (host) molecules. They form and remain stable under low temperatures – often well below ambient conditions – and high pressures ranging from a few bar to hundreds of bar, depending on the guest molecule. Their presence is ubiquitous on Earth, in deep-marine sediments and in permafrost regions, as well as in outer space, on planets or comets. In addition to water, they can be synthesized with organic species as host molecules, resulting in milder stability conditions: these are referred to as semi-clathrate hydrates. Clathrate and semi-clathrate hydrates are being considered for applications as diverse as gas storage and separation, cold storage and transport and water treatment.

This book is the first of two edited volumes, with chapters on the experimental and modeling tools used for characterizing and predicting the unique molecular, thermodynamic and kinetic properties of gas hydrates (Volume 1) and on gas hydrates in their natural environment and for potential industrial applications (Volume 2).

AUGUST 2017 302PP

978-1-84821-969-4 CL \$135.00 (Japan)

Natural Gas & Petroleum Products

JUNE 2017

978-1-119-33268-8 **Wiley Online Library**

Foundations of Pulsed Power Technology

JANET LEHR & PRALHAD RON

This book deals with multigigawatt, ultrashort pulse power system design, beginning with the design of individual components such as impulse generators/pulse forming lines/closing & opening switches/capacitor banks. This cannot be achieved without knowledge of techniques of electrical breakdown in different mediums, voltage & current measurement and EMI/EMC.



AUGUST 2017 648PP

978-1-118-62839-3 CL \$145.00 (Japan)

Power Technology & Power Engineering

AUGUST 2017

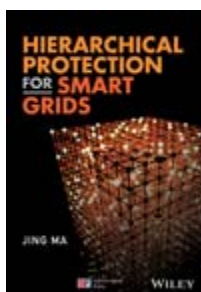
978-1-118-88650-2 [Wiley Online Library](#)

Hierarchical Protection for Smart Grids

JING MA

A systematic view of hierarchical protection for smart grids, with solutions to tradition protection problems and complicated operation modes of modern power systems

- Systematically investigates traditional protection problems from the bird's eye view of hierarchical protection
- Focuses on multiple variable network structures and complicated operation modes
- Offers comprehensive countermeasures on improving protection performance based on up-to-date research



AUGUST 2017 475PP

978-1-119-30480-7 CL \$145.00 (Japan)

Smart Grid

地球科学

Drawing Geological Structures

JÖRN H. KRUHL

Despite the modern dominance of computer graphics programs and digital cameras, the ability to draw geological structures manually remains a necessity in academic geology and beyond. Drawings serve for quick and simple documentation in the field or at the microscope. They can be applied as a language of their own as well as be adapted to suit specific requirements. Moreover, geological drawing improves observational ability and contributes to the understanding of geological structures and structure-forming processes. Geological drawing is assisted scientific thinking.



Drawing Geological Structures provides undergraduate as well as graduate and practicing geologists with a thorough, step-by-step practical guide to the art of geological drawing. Beginning with the basics, the book covers thin sections, sample sections, samples and geological stereograms. The chapters provide examples of how drawings evolve and are complemented by exercises, allowing the reader to practice their drawing prior to going out into the field or working at the microscope. Users of this unique guide will develop their knowledge and technical vocabulary whilst also improving their drawing skills.

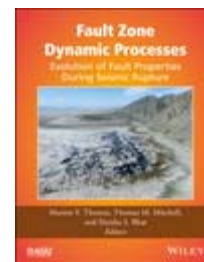
SERIES: GEOLOGICAL FIELD GUIDE

AUGUST 2017 232PP

978-1-4051-8232-4 PB \$37.50 (Japan)*General & Introductory Earth Sciences*Fault Zone Dynamic Processes
Evolution of Fault Properties During Seismic Rupture

MARION THOMAS, HARSHA S. BHAT & THOMAS MITCHELL

Earthquakes are some of the most dynamic features of the Earth. This multidisciplinary volume presents an overview of earthquake processes and properties including the physics of dynamic faulting, fault fabric and mechanics, physical and chemical properties of fault zones, dynamic rupture processes, and numerical modeling of fault zones during seismic rupture.



This volume examines questions such as:

- What are the dynamic processes recorded in fault gouge?
- What can we learn about rupture dynamics from laboratory experiments?
- How do on-fault and off-fault properties affect seismic ruptures?
- How do fault zones evolve over time?

Fault Zone Dynamic Processes: Evolution of Fault Properties During Seismic Rupture is a valuable resource for scientists, researchers and students from across the geosciences interested in the earthquakes processes.

SERIES: GEOPHYSICAL MONOGRAPH SERIES

AUGUST 2017 312PP

978-1-119-15688-8 CL \$169.95 (Japan)*Geology & Geophysics*

JULY 2017

978-1-119-15689-5 [Wiley Online Library](#)

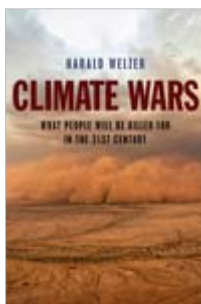
環境科学

Climate Wars

What People Will Be Killed For in the 21st Century

HARALD WELZER & Translator PATRICK CAMILLER

Struggles over drinking water, new outbreaks of mass violence, ethnic cleansing, civil wars in the earth's poorest countries, endless flows of refugees: these are the new conflicts and forces shaping the world of the 21st century. They no longer hinge on ideological rivalries between great powers but rather on issues of class, religion and resources. The genocides of the last century have taught us how quickly social problems can spill over into radical and deadly solutions. Rich countries are already developing strategies to garner resources and keep 'climate refugees' at bay.



In this major book Harald Welzer shows how climate change and violence go hand in hand. Climate change has far-reaching consequences for the living conditions of peoples around the world: inhabitable spaces shrink, scarce resources become scarcer, injustices grow deeper, not only between North and South but also between generations, storing up material for new social tensions and giving rise to violent conflicts, civil wars and massive refugee flows. Climate change poses major new challenges in terms of security, responsibility and justice, but as Welzer makes disturbingly clear, very little is being done to confront them.

The paperback edition includes a new Preface that brings the book up to date and addresses the most recent developments and trends.

AUGUST 2017 288PP

978-0-7456-5146-0 PB \$14.95 (Japan)*Environmental Economics & Politics*

Water Management

A New Water Architecture

MICHAEL NORTON, SANDRA RYAN & ALEXANDER LANE

Over 7 billion people demand water from resources that the changing climate is making more and more difficult to harness. Water scarcity and shortage are increasingly common and conditions are becoming more extreme. Inadequate and inappropriate management of water is already taking its toll on the environment and on the quality of life of millions of people. Modern water professionals have a duty to develop sound water science and robust evidence to lobby and influence national and regional development policy and investment priorities. We need to be bold and brave to challenge the status quo, argue the case for change, and create a New Water Architecture.

Water Resources: A New Water Architecture takes a unique approach to the challenges of water management. The stress caused by our desire to live, eat, and consume is examined in the context of Governance, the role of policy, and the commercial world. The authors share their nine-step vision for a New Water Architecture.

Written by three industry practitioners, this book provides students, young professionals, policymakers, and those interested in the sustainability of our natural resources with a pragmatic and compelling perspective on how to manage the ultimate resource of our time.

SERIES: CHALLENGES IN WATER MANAGEMENT SERIES

AUGUST 2017 352PP

978-1-118-79390-9 CL \$125.00 (Japan)*Water Resource Management*

AUGUST 2017

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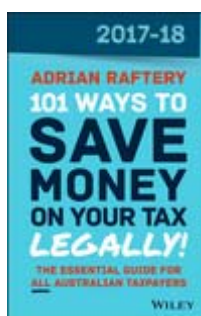
ファイナンス／インベストメント

101 Ways to Save Money on Your Tax - Legally! 2017-2018

ADRIAN RAFTERY

Mr. Taxman is back to save you even more on your 2017-2018 tax

101 Ways to Save Money on Your Tax — Legally! is the quintessential guide for every Australian taxpayer. Updated annually to keep pace with changing tax laws, this book shows you how to maximise your return and keep more of your hard-earned money. Why pay more than your fair share? This year's edition explains all of the changes to the May 2017 budget, and provides indispensable advice from Mr. Taxman himself! Find answers to your questions and identify every deduction that applies to you; leverage your business, education, family, property, medical expenses, levies, shares and superannuation to receive your maximum return.



This invaluable guide goes beyond tax prep to help you position yourself for an even better return next year! Learn where and how to invest, the traps you should avoid and how you can start planning now so you can owe less the next time around. It's not about "cheating the system" — by clarifying obscure language and complicated rules, this book simply helps you reclaim the money that belongs to you.

- Understand how changes to the tax laws affect you for 2017-2018
- Maximise your deductions and avoid overpayment
- Get organised with tips and advice for your specific situation
- Avoid tax traps, correct errors and get the return you deserve

Taxes are important for a functional society, but the government is only entitled to so much of your money. So many Australians overpay their tax every year — it's time to separate yourself from the crowd. Pay what you owe, but not a cent more, with the clear, expert guidance in 101 Ways to Save Money on Your Tax — Legally!

AUGUST 2017 288PP

978-0-7303-4494-0 PB \$21.00 (Japan)

Personal Finance / Consumer Tax

Pitch the Perfect Investment The Essential Guide to Winning on Wall Street

PAUL D. SONKIN & PAUL JOHNSON

Senior technology analyst at BancAmerica Robertson Stephens

Pitch the Perfect Investment combines investment analysis with persuasion and sales to teach you the "soft skill" so crucial to success in the financial markets. You'll gain world-class insight into investment research to help you uncover the perfect opportunity, and then you'll strengthen your critical thinking skills and draw on psychology, argumentation, and informal logic to craft the perfect pitch to showcase your perfect idea. This book gives you in-depth training along with access to complete online ancillaries and case studies so you can master the little skill that makes a big difference.

- Persuade potential investors, clients, executives, and employers
 - Source, analyze, value, and pitch your ideas for stocks and acquisitions
 - Get hired, make money, expand your company, and win business
 - Craft the perfect investment into the perfect pitch
- If you're serious about success and ready to start moving up, Pitch the Perfect Investment shows you how to make it happen



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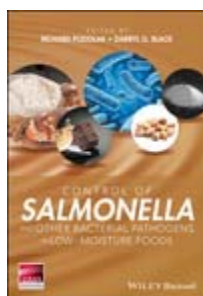
978-1-119-28098-9 Wiley Online Library

食品科学

Control of Salmonella and Other Bacterial Pathogens in Low-Moisture Foods

RICHARD PODOLAK & DARRYL G. BLACK

- A comprehensive reference and how-to solution for managing food safety for low moisture, higher risk foods
- Practical approach brings the current body of knowledge together into a functional resource that can help implement the preventive controls mandated by regulation
- Presents sources and risk factors for pathogenic bacteria of concern in the manufacturing environment for low moisture/water activity products and characterizes the persistence and thermal resistance of these pathogens in both the environment and the food product
- Outlines the appropriate industry practices for the control and elimination of pathogens in these products



AUGUST 2017 272PP

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Microbiology, Food Safety & Security

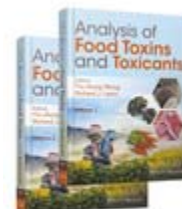
JULY 2017

978-1-119-07105-1 [Wiley Online Library](#)

Analysis of Food Toxins and Toxicants

Editor YIU-CHUNG WONG & Editor RICHARD J. LEWIS

Analysis of Food Toxins and Toxicants consists of five sections, providing up-to-date descriptions of the analytical approaches used to detect a range of food toxins. Part I reviews the recent developments in analytical technology including sample pre-treatment and food additives. Part II covers the novel analysis of microbial and plant toxins including plant pyrrolizidine alkaloids. Part III focuses on marine toxins in fish and shellfish. Part IV discusses biogenic amines and common food toxicants, such as pesticides and heavy metals. Part V summarizes quality assurance and the recent developments in regulatory limits for toxins, toxicants and allergens, including discussions on laboratory accreditation and reference materials.



AUGUST 2017 848PP

978-1-118-99272-2 CL \$275.00 (Japan)

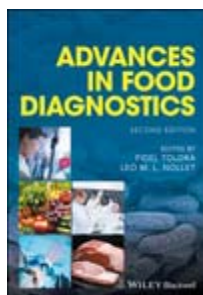
Microbiology, Food Safety & Security

Advances in Food Diagnostics 2nd Edition

FIDEL TOLDRÁ & LEO M. L. NOLLET

Research Professor and Head of the Meat Science Laboratory,
Instituto de Agroquímica y Tecnología de Alimentos (CSIC), Spain;
Hogeschool Gent, Belgium

- Extensively revised and updated second edition of this comprehensive reference on food diagnostic methods
- New edition contains seven new chapters
- Methods include ultrasound, RMN, chromatography, electronic noses, immunology, detection of GMOs, as well as microbiological and molecular methodologies for rapid detection of pathogens in foods
- There is a focus on the translation of diagnostics tests from bench to the market in order to illustrate the benefits to the food industry



AUGUST 2017 580PP

978-1-119-10588-6 CL \$190.00 (Japan)

Food Chemistry

JULY 2017

978-1-119-10591-6 [Wiley Online Library](#)

Olives and Olive Oil as Functional Foods

Bioactivity, Chemistry and Processing

APOSTOLOS PAUL KIRITSAKIS & FEREDOON SHAHIDI,

Memorial University of Newfoundland, Canada
Memorial University of Newfoundland

- A comprehensive reference on the science of olives and olive oil
- Focuses on health-giving properties but also addresses in detail the full range of relevant topics including chemical composition, processing considerations, quality control, safety, traceability and more
- The two Editors are world-renowned for their work on olive oils and functional food in general
- Dedicated cover topics of crucial interest to producers and researchers, including amongst others: post-harvest handling, packaging, analytical trends, sensory evaluation, authentication, waste product utilisation and a market overview



SERIES: HUI: FOOD SCIENCE AND TECHNOLOGY

AUGUST 2017 664PP

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Oils & Fats

JULY 2017

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地理学

Money and Finance After the Crisis

Critical Thinking for Uncertain Times

Editor BRETT CHRISTOPHERS, Editor ANDREW LEYSHON &
Editor GEOFF MANN
Uppsala University, Sweden

Money and Finance After the Crisis provides a critical multi-disciplinary perspective on the post-crisis financial world in all its complexity, dynamism and unpredictability. Contributions illuminate the diversity of ways in which money and finance continue to shape global political economy and society.

- A multidisciplinary collection of essays that study the geographies of money and finance that have unfolded in the wake of the financial crisis
- Contributions discuss a wide range of contemporary social formations, including the complexities of modern debt-driven financial markets
- Chapters critically explore proliferating forms and spaces of financial power, from the realms of orthodox finance capital to biodiversity conservation
- Contributions demonstrate the centrality of money and finance to contemporary capitalism and its political and cultural economies



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Political Geography

JULY 2017

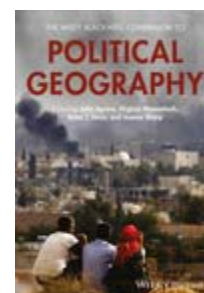
978-1-119-05137-4 [Wiley Online Library](#)

The Wiley Blackwell Companion to Political Geography

Editor JOHN A. AGNEW, Editor VIRGINIE MAMADOUH, Editor
ANNA SECOR & Editor JOANNE SHARP
The University of California, Los Angeles (UCLA); University of
Amsterdam; University of Kentucky; University of Glasgow

The Wiley Blackwell Companion to Political Geography aims to account for the intellectual and worldly developments that have taken place in and around political geography in the last 10 years. Bringing together established names in the field as well as new scholars, it highlights provocative theoretical and conceptual debates on political geography from a range of global perspectives.

- Discusses the latest developments and places increased emphasis on modes of thinking, contested key concepts, and on geopolitics, climate change and terrorism
- Explores the influence of the practice-based methods in geography and concepts including postcolonialism, feminist geographies, the notion of the Anthropocene, and new understandings of the role of non-human actors in networks of power
- Offers an accessible introduction to political geography for those in allied fields including political science, international relations, and sociology



SERIES: WILEY BLACKWELL COMPANIONS TO GEOGRAPHY

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Political Geography

コンシューマーヘルス

Detecting and Living With Breast Cancer For Dummies

CONSUMER DUMMIES

Wiley

Advancements in breast cancer prevention, detection, and treatment are being made every day, but it can be confusing knowing where to turn and who to trust. *Detecting & Living with Breast Cancer For Dummies* distills the information in one place, giving you expert advice on everything you'll face as you manage your breast health. From getting to know your treatment options to talking to loved ones about breast cancer, it does the legwork for you so you can breathe and focus on your health.



- Perform regular self-exams the right way
- Cope with the many decisions that need to be made if you're diagnosed
- Ask the right questions about surgery, chemotherapy, radiation, and breast reconstruction
- Decipher complicated pathology reports with confidence

Whether you're at risk for breast cancer or have been diagnosed and want to know your options, this book empowers you to take your health into your own hands.

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SALLY G. MCMILLEN
Davidson College

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法律

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Editor **KENT R. KERLEY**

A comprehensive, up-to-date, and authoritative two volume reference work for the fields of corrections and criminal justice featuring over 280 detailed scholarly entries

- Assembles a global team of experts from within their respective fields under the guidance of Editor-in-Chief Kent R. Kerley
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- Summarizes the latest theory and practice in major topical areas such as sentencing, community corrections, jails and prisons, special populations, women, juveniles, treatment, prisoner reentry, and the death penalty
- Brings together cutting-edge examples from criminal justice systems throughout the US and around the world to provide an essential go-to resource for students, scholars, and researchers



SERIES: THE WILEY SERIES OF ENCYCLOPEDIAS IN
CRIMINOLOGY & CRIMINAL JUSTICE
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Penology & Police Science

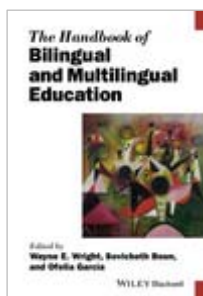
言語学

The Handbook of Bilingual and Multilingual Education

WAYNE E. WRIGHT, SOVICHETH BOUN & OFELIA GARCÍA
The University of Texas at San Antonio; The University of Texas at San Antonio; City University of New York

The Handbook of Bilingual and Multilingual Education presents the first comprehensive international reference work of the latest policies, practices, and theories related to the dynamic interdisciplinary field of bilingual and multilingual education.

- Represents the first comprehensive reference work that covers bilingual, multilingual, and multicultural educational policies and practices around the world
- Features contributions from 78 established and emerging international scholars
- Offers extensive coverage in sixteen chapters of language and education issues in specific and diverse regional/geographic contexts, including South Africa, Mexico, Latvia, Cambodia, Japan, and Texas
- Covers pedagogical issues such as language assessment as well as offering evolving perspectives on the needs of specific learner populations, such as ELLs, learners with language impairments, and bilingual education outside of the classroom



SERIES: BLACKWELL HANDBOOKS IN LINGUISTICS
 AUGUST 2017 688PP

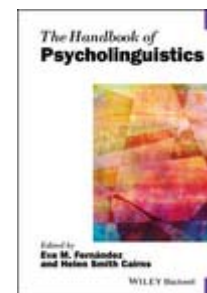
978-1-119-00549-0 PB \$59.95 (Japan)

General & Introductory Linguistics

The Handbook of Psycholinguistics

Editor EVA M. FERNÁNDEZ & Editor HELEN SMITH CAIRNS
Queens College, City University of New York, USA; City University of New York, USA

Incorporating approaches from linguistics and psychology, The Handbook of Psycholinguistics explores language processing and language acquisition from an array of perspectives and features cutting edge research from cognitive science, neuroscience, and other related fields.



The Handbook provides readers with a comprehensive review of the current state of the field, with an emphasis on research trends most likely to determine the shape of psycholinguistics in the years ahead. The chapters are organized into three parts, corresponding to the major areas of psycholinguistics: production, comprehension, and acquisition. The collection of chapters, written by a team of international scholars, incorporates multilingual populations and neurolinguistic dimensions. Each of the three sections also features an overview chapter in which readers are introduced to the different theoretical perspectives guiding research in the area covered in that section.

Timely, comprehensive, and authoritative, The Handbook of Psycholinguistics is a valuable addition to the reference shelves of researchers in psychology, linguistics, and cognitive science, as well as advanced undergraduates and graduate students interested in how language works in the human mind and how language is acquired.

SERIES: BLACKWELL HANDBOOKS IN LINGUISTICS
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Psycholinguistics

SEPTEMBER 2017

978-1-118-82951-6 Wiley Online Library

ライフサイエンス

Micropropagation of Orchids, 3 Volume Set

3rd Edition

JOSEPH ARDITTI & TIM W. YAM
University of California, Irvine

The third edition of this definitive text on the micropropagation of orchids is divided into three volumes. Updated throughout, it retains the exhaustive list of micropropagation protocols for the known genera and updates each section to include:

- New culture media and vessels
- New techniques and procedures for both orchids which were previously cultured and for those which were not
- New plant hormones and growth regulators
- New media components
- New methods for tissue decontamination
- Additional historical information
- New methods for the cultivation for plantlets which have been removed from flasks
- New sources of light and illumination methods



AUGUST 2017 2368PP

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Plant Biotechnology

JULY 2017

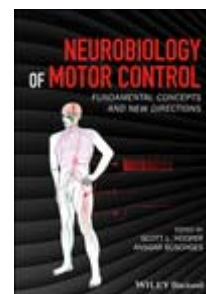
978-1-119-18708-0 Wiley Online Library

Neurobiology of Motor Control

Fundamental Concepts and New Directions

SCOTT HOOPER & ANSGAR BÜSCHGES

Motor control allows an organism to initiate and carry-out a diverse array of movements from large strides to the raising of an eyebrow. Understanding motor control is of interest in both basic and applied science. The scientific and computational advances of recent decades have revolutionized study in the field. *Neurobiology of Motor Control: Fundamental Concepts and New Directions* provides an overview of our current knowledge in the field and anticipates future directions in research.



Neurobiology of Motor Control: Fundamental Concepts and New Directions opens with chapters that provide valuable foundational coverage on current molecular biological techniques, neuronal ensemble recording and computer simulation technologies used in research. Subsequent chapters are topic driven and look at our current understanding of a broad range of topics being investigated. Topic range from the evolution of motor systems, directed targeted movements, to robotics and smart prosthetics.

With wide basic and applied appeal, *Neurobiology of Motor Control: Fundamental Concepts and New Directions*, will be an essential resource for anyone interested in the neurobiological basis of movement.

AUGUST 2017 512PP

978-1-118-87340-3 CL \$199.95 (Japan)

Neurosystems

AUGUST 2017

978-1-118-87339-7 Wiley Online Library

文学

Transference

The Seminar of Jacques Lacan, Book VIII

JACQUES LACAN, Editor JACQUES-ALAIN MILLER & Translator
BRUCE FINK

Jacques Lacan was one of the leading thinkers of the 20th Century and the most influential psychoanalyst since Freud. His work has been hugely significant across a wide range of disciplines, from philosophy and psychology to literary theory, critical theory, gender studies and cultural studies



This is the second of Lacan's Seminars published by Polity; more will follow in the coming years. This Seminar deals with the central psychoanalytic concept of transference, i.e. the redirection to a substitute, usually a therapist, of emotions that were originally felt in childhood

He adds several points to Freud's original definition, contrasting symbolic transference to imaginary transference, and argues that transference is necessarily of the symbolic order

This important book by one of the greatest thinkers of the last 100 years will be of great interest to students and scholars in psychoanalysis, critical theory, literary theory, gender studies, philosophy and the humanities and social sciences generally. It will also be of interest to practicing psychoanalysts, psychotherapists and clinical psychologists

READERSHIP: Students and scholars in critical theory, literary theory, 20th-century French philosophy, sociology and clinical psychoanalysis.

AUGUST 2017 464PP

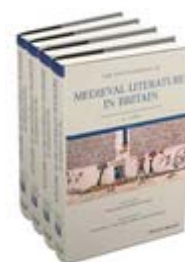
978-1-5095-2360-3 PB \$24.95 (Japan)

Literary Theory

The Encyclopedia of Medieval Literature in Britain

SIAN ECHARD & ROBERT ROUSE

Bringing together scholarship on multilingual and intercultural medieval Britain like never before, The Encyclopedia of Medieval Literature in Britain comprises over 600 authoritative entries spanning key figures, contexts and influences in the literatures of Britain from the fifth to the sixteenth centuries.



- A uniquely multilingual and intercultural approach reflecting the latest scholarship, covering the entire medieval period and the full tapestry of literary languages
- comprises over 600 authoritative yet accessible entries on key figures, texts, critical debates, methodologies, cultural and isotroical contexts, and related terminology
- Represents all the literatures of the British Isles including Old and Middle English, Early Scots, Anglo-Norman, the Norse, Latin and French of Britain, and the Celtic Literatures of Wales, Ireland, Scotland and Cornwall
- Boasts an impressive chronological scope, covering the period from the Saxon invasions to the fifth century to the transition to the Early Modern Period in the sixteenth
- Covers the material remains of Medieval British literature, including manuscripts and early prints, literary sites and contexts of production, performance and reception as well as highlighting narrative transformations and intertextual links during the period

SERIES: WILEY-BLACKWELL ENCYCLOPEDIA OF LITERATURE

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Old, Middle & Medieval English Literature

数学

Ranks of Groups

The Tools, Characteristics, and Restrictions

MARTYN R. DIXON, LEONID A. KURDACHENKO & IGOR YA SUBBOTIN
University of Alabama, Tuscaloosa; University of Dnepropetrovsk, Ukraine; National University

Features material that has been thoroughly class-tested by well-known researchers in the area of ranks and group theory

- Presents carefully selected topical coverage from diverse sources to reflect the most modern and up-to-date research on ranks and groups
- Fills a much needed gap in the literature of ranks and group theory
- Utilizes a fluid presentation that begins with a succinct presentation of the standard notions behind various ranks before moving on to more complex aspects
- Provides a unified point-of-view behind the most interesting and important results of rank with various methods to illustrate the role these ranks have in the resulting definitions
- Focuses on the tools and methods from ranks that are necessary to achieve significant progress in the study and clarification of the structure of groups



AUGUST 2017 352PP

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HOWARD ANTON
Drexel University

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Calculus

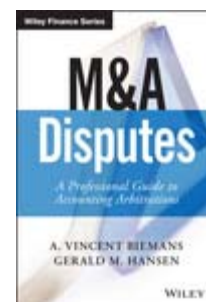
TEXT

M&A Disputes

A Professional Guide to Accounting Arbitrations

VINCENT BIEMANS & GERALD M. HANSEN

As M&A transactions continue to be part of the corporate and investment landscape, M&A disputes continue to grow in importance. Their impact on the ultimate purchase price paid by buyers and received by sellers can make or break transactions. In this volume, Biemans and Hansen provide their insight and practical advice on the successful resolution of M&A disputes before an accounting arbitrator.



The authors cover:

- the entire M&A dispute resolution process from selecting an arbitrator through final award,
- choices in M&A agreement language and their impact on the awarded amount,
- sell-side and buy-side diligence, the target's historical accounting practices and documentation, and the determination of the net working capital peg,
- the role of GAAP, the nature of accounting estimates, and specific discussions of the most important components of net working capital,
- the role of auditing concepts in the M&A dispute process,
- specific advice for different types of transactions, and
- the perspective of the neutral accounting arbitrator with "dos" and "don'ts" for practitioners.

SERIES: WILEY FINANCE

AUGUST 2017 272PP

978-1-119-33191-9 CL \$75.00 (Japan)

Business & Finance

JULY 2017 272PP

978-1-119-33192-6 **Wiley Online Library**

メディカル・サイエンス

Clinical Arrhythmology

2nd Edition

ANTONI BAYÉS DE LUNA & ADRIAN BARANCHUK MD FACC
FRCPC FCCS

Director of Cardiology, Hospital Quirón, Barcelona; Emeritus Professor of Cardiology, Universitat Autònoma de Barcelona; Honorary Director, Cardiology Service, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain; Professor of Medicine (Tenure); Head, Heart Rhythm Service, Queen's University, Kingston, Ontario, Canada

The second edition of *Clinical Arrhythmology* provides a fresh, clear, and authoritative overview that will guide readers from a solid understanding of the mechanisms behind cardiac arrhythmias -- which is fundamental to their identification -- to diagnosis via electrocardiograms and other tools, to specific management options for each of the arrhythmias that cardiologists and other clinicians will encounter in clinical practice.

- Organized in a clear, intuitive manner; introducing the reader to an understanding of the anatomical and electrophysiological bases of arrhythmias, then to a comprehensive review of how to diagnose the full range of rhythmic abnormalities, and then to a discussion of specific clinical syndromes in which arrhythmias play a part
- Highly illustrated chapters ensure key concepts are simpler to understand
- Detailed appendices provide quick reference values for diagnostic and therapeutic techniques, and pharmacotherapeutic agents, and Recommendations

AUGUST 2017 424PP

978-1-119-21275-1 CL \$150.00 (Japan)

Electrophysiology

AUGUST 2017

978-1-119-21278-2 Wiley Online Library



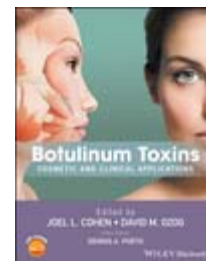
Botulinum Toxins

Cosmetic and Clinical Applications

Editor JOEL L. COHEN MD, United States & Editor DAVID M. OZOG MD, United States

Director, About Skin Dermatology and Derm Surgery (Greenwood Village and Lone Tree, Colorado); Associate Clinical Professor, University of Colorado Department of Dermatology, CO, USA, and; Assistant Clinical Professor, University of California Irvine Department of Dermatology, CA, USA; Chair Department of Dermatology, Director of Cosmetic Dermatology, Henry Ford Hospital, Detroit, MI, USA

- Offers guidance on best-practice approaches with botulinum toxin, helping create cutting edge, tailored treatment plans for each patient
- Benefits from a wealth of color images, procedural videos, and expert tips and tricks
- Takes a region oriented approach, providing guidance on treatment of the; glabella, forehead, periocular and perioral areas, and contouring of the lower face and lower leg and calf, and neck rejuvenation
- Contains a thorough review of non-cosmetic treatments such as correction of facial asymmetry, and treatment of axillary hyperhidrosis, plus palm, sole, and craniofacial hyperhidrosis
- Covers exciting new topics, such as future injectable, topical botulinum toxin, and facial contouring including treatment for benign masseter hypertrophy
- Discusses combination therapy of botulinum toxin with other non-surgical procedures such as hyaluronic acid (HA) or filler substances, light and laser sources, and other energy-based therapies



READERSHIP: Dermatologists and trainee dermatologists.

AUGUST 2017 392PP

978-1-4443-3825-6 CL \$175.00 (Japan)

Cosmetic / Esthetic Dermatology

JULY 2017

978-1-118-66183-3 Wiley Online Library

Pre-Hospital Paediatric Life Support: The Practical Approach 3rd Edition

ADVANCED LIFE SUPPORT GROUP & Editor FIONA JEWKES
Manchester, UK

- Quick-to-follow algorithms of at-the-scene procedures
- Based upon the protocols that ensure a smooth transfer from pre-hospital to hospital care
- Used in courses worldwide
- Boxes highlight key features for military personnel

SERIES: ADVANCED LIFE SUPPORT GROUP
AUGUST 2017 192PP

978-1-118-33976-3 PB \$59.95 (Japan)

Emergency Medicine & Trauma

AUGUST 2017

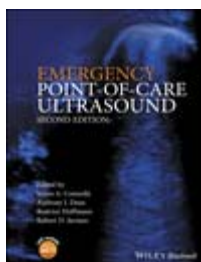
978-1-118-33972-5 [Wiley Online Library](#)

Emergency Point of Care Ultrasound 2nd Edition

JIM CONNOLLY, ANTHONY DEAN, BEATRICE HOFFMANN & BOB JARMAN

Consultant in Emergency Medicine, Newcastle General Hospital, Newcastle Upon Tyne, UK; Assistant Professor of Emergency Medicine, University of Pennsylvania, Philadelphia USA; Ultrasound Director, Emergency Physician, Johns Hopkins University, Baltimore USA; Consultant in Emergency Medicine, Teesside University, Middlesbrough, UK

In this critical area of emergency care, a sound knowledge and understanding of this essential skill is of utmost importance. The authors have extensive knowledge in this field and are considered leaders in the development of point of care ultrasound, with extensive international experience of teaching in this area. The individual chapters are written by current experts in their field to create an authoritative text covering all areas of this exciting new area of medicine.



AUGUST 2017 448PP

978-0-470-65757-7 PB \$115.00 (Japan)

Emergency Medicine & Trauma

JULY 2017

978-1-119-07287-4 [Wiley Online Library](#)

Pre-hospital Emergency Medicine at a Glance

WILLIAM H. SELIGMAN, SAMEER GANATRA, TIMOTHY PARKER & SYED MASUD

Pre-hospital Emergency Medicine at a Glance offers healthcare students and trainees the essential theoretical knowledge and practical skills relevant to the provision of immediate care outside of the hospital. This concise text provides information on the principles of managing acutely unwell patients with life-threatening injuries at the scene of their accident, all in highly-illustrated double-page spreads to help explain key messages.



This brand new title:

- Looks at the ways in which pre-hospital care is organised and delivered in the United Kingdom
- Explores some of the most common incidents that pre-hospital care teams attend to, including major trauma as well as cardiac arrests
- Includes an illustrated introduction to some of the many practical procedures pre-hospital care teams must be able to perform including resuscitative thoracotomy and rapid sequence induction of anaesthesia
- Takes into account the multi-disciplinary nature of the specialty
- Features a section on careers within pre-hospital care for doctors and paramedics

Pre-hospital Emergency Medicine at a Glance is the perfect companion for medical students and junior doctors interested in learning more about pre-hospital care, as well as for paramedic students and paramedics who practise in the pre-hospital environment every day.

SERIES: AT A GLANCE

AUGUST 2017 124PP

978-1-118-82992-9 PB \$37.50 (Japan)

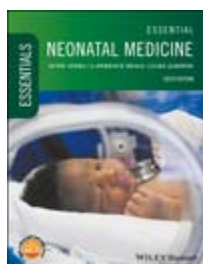
Emergency Medicine & Trauma

Essential Neonatal Medicine

6th Edition

SUNIL SINHA, LAWRENCE MIALI & LUKE JARDINE
 South Cleveland Hospital, Middlesbrough; St James' University
 Hospital, Leeds, UK; Mater Mothers' Hospital, South Brisbane, and
 University of Queensland, Australia

Providing a comprehensive yet concise guide for trainee doctors, neonatal nurses and midwives, Essential Neonatal Medicine continues to be an indispensable resource that combines the depth and breadth of a textbook with the efficiency of a revision guide.



Extensively updated and full-colour throughout, this edition includes new chapters on neonatal transport and palliative care, as well as further content on pathophysiology and embryology, quality improvement and risk management, infection control, and non-invasive ventilation.

With an improved artwork programme and a new glossary of terms, Essential Neonatal Medicine is ideal for all trainee health professionals new to neonatology, or looking for a comprehensive aid to support them.

SERIES: ESSENTIALS
 AUGUST 2017 344PP

978-1-119-23581-1 PB \$55.00 (Japan)

Pediatrics

ABC of COPD

3rd Edition

GRAEME P. CURRIE
 Aberdeen Royal Infirmary, Aberdeen, UK

The third edition of the ABC of COPD provides the entire multidisciplinary team across both primary and secondary care with an up-to-date, easy to read and accessible account of this common lung disorder. Thoroughly updated by experienced clinicians dealing with patients with COPD on a regular basis, it discusses the entire breadth of the condition from epidemiology, causes, diagnosis, treatment and end of life care.



This practical and highly visual guide contains new and extensively updated chapters on diagnosis, smoking cessation and interventional approaches as well as expanded content on non-pharmacological and pharmacological management taking into account the most recent national and international guidelines. It also explores practical issues relating to COPD in terms of pulmonary rehabilitation, oxygen use, air travel, and end of life care.

The ABC of COPD is an authoritative and essential guide for specialist nurses, general practitioners, physiotherapists, junior doctors, front line staff working in emergency departments, paramedics, physician associates and students of medicine and its allied disciplines.

SERIES: ABC SERIES
 AUGUST 2017 120PP

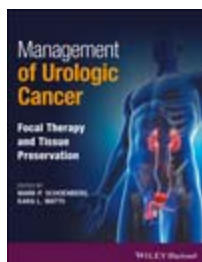
978-1-119-21285-0 PB \$37.50 (Japan)

Respiratory Medicine

Management of Urologic Cancer Focal Therapy and Tissue Preservation

Editor MARK P. SCHOENBERG & Editor KARA WATTS
Johns Hopkins Medical Institution

- Focal/tissue preservation therapy an extremely hot topic in urology and oncology -- more and more management strategies are focused on preserving, rather than removing, affected tissue
- Rapid area of technological development in the last ten years-- this book will be the first to cover them all in relation to urologic cancer
- Covers all urologic cancers - bladder, prostate, uterus and kidney - competing books focus only on one (ie, prostate)
- Mark Schoenberg is an internationally-renown expert in this exciting new area and has recruited an outstanding team featuring some of the leading urologists/oncologists in North America and Europe to assist him.



READERSHIP: Primary: Urologists and Oncologists both fully qualified and in specialty training (fellows).

Secondary: Radiologists and pathologists (who, as part of the MDC team for patients with urologic cancer, assist the oncologist/urologist)

AUGUST 2017 272PP

978-1-118-86462-3 CL \$145.00 (Japan)

Urology

JULY 2017 272PP

978-1-118-86812-6 Wiley Online Library

ABC of Learning and Teaching in Medicine 3rd Edition

PETER CANTILLON, DIANA WOOD & SARAH YARDLEY
National University of Ireland, Galway; Addenbrookes Hospital
Cambridge

ABC of Learning and Teaching in Medicine is an invaluable resource for both novice and experienced medical teachers. It emphasises the teacher's role as a facilitator of learning rather than a transmitter of knowledge, and is designed to be practical and accessible not only to those new to the profession, but also to those who wish to keep abreast of developments in medical education.



Fully updated and revised, this new edition continues to provide an accessible account of the most important domains of medical education including educational design, assessment, feedback and evaluation. The succinct chapters contained in this ABC are designed to help new teachers learn to teach and for experienced teachers to become even better than they are. Four new chapters have been added covering topics such as social media; quality assurance of assessments; mindfulness and learner supervision.

Written by an expert editorial team with an international selection of authoritative contributors, this edition of ABC of Learning and Teaching in Medicine is an excellent introductory text for doctors and other health professionals starting out in their careers, as well as being an important reference for experienced educators.

SERIES: ABC SERIES

AUGUST 2017 136PP

978-1-118-89217-6 PB \$32.50 (Japan)

Medical Education

機械工学

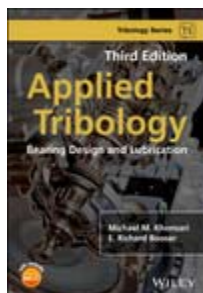
Applied Tribology

Bearing Design and Lubrication

3rd Edition

MICHAEL M. KHONSARI & E. RICHARD BOOSER
Dow Chemical Endowed Chair in Rotating Machinery, and
Louisiana State University; Engineering Consultant

Applications of tribology are widespread in industries ranging from aerospace, marine and automotive to power, process, petrochemical and construction. With world-renowned expert co-authors from academia and industry, *Applied Tribology: Lubrication and Bearing Design*, 3rd Edition provides a balance of application and theory with numerous illustrative examples.



The book provides clear and up-to-date presentation of working principles of lubrication, friction and wear in vital mechanical components, such as bearings, seals and gears. The third edition has expanded coverage of friction and wear and contact mechanics with updated topics based on new developments in the field.

Key features:

- Includes practical applications, homework problems and state-of-the-art references.
- Provides presentation of design procedure.
- Supplies clear and up-to-date information based on the authors' widely referenced books and over 500 archival papers in this field.

Applied Tribology: Lubrication and Bearing Design, 3rd Edition provides a valuable and authoritative resource for mechanical engineering professionals working in a wide range of industries with machinery including turbines, compressors, motors, electrical appliances and electronic components. Senior and graduate students in mechanical engineering will also find it a useful text and reference.

SERIES: TRIBOLOGY IN PRACTICE SERIES
AUGUST 2017 696PP

978-1-118-63724-1 CL \$160.00 (Japan)

Solid Mechanics

AUGUST 2017

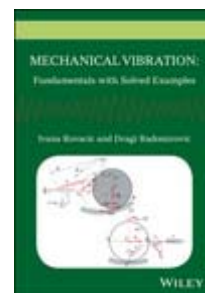
978-1-118-70028-0 [Wiley Online Library](#)

Mechanical Vibration

Fundamentals with Solved Examples

IVANA KOVACIC & DRAGI RADOMIROVIC
University of Novi Sad, Russia

Mechanical Vibration: Fundamentals with Solved Examples takes a logical organized, clear and thorough problem-solving approach to the application of certain mechanical principles to derive mathematical models for oscillatory systems while laying a foundation for vibration engineering analyses and design. The methodology is based on analytical dynamics and the Lagrange formalism so that the approach, terminology and notation used are rigorous and consistent, creating a coherent chain that links all chapters in this book. This enables the reader to learn how to treat a variety of different oscillatory mechanical systems as well as to enhance their understanding of vibration physics.



The basic theory is followed by a large number of fully solved examples, varying in complexity, with solutions presented in detail. These problems are inherent in the design and analysis of real mechanical systems and engineering structures and the solving procedures contain original techniques and approaches developed by the authors.

AUGUST 2017 288PP

978-1-118-67515-1 CL \$130.00 (Japan)

Solid Mechanics

Dynamics of Lattice Materials

Editor A. SRIKANTHA PHANI & MAHMOUD I. HUSSEIN

- Provides a comprehensive introduction to the dynamic response of lattice materials, covering the fundamental theory and applications in engineering practice
- Offers comprehensive treatment of dynamics of lattice materials and periodic materials in general, including phononic crystals and elastic metamaterials
- Provides an in depth introduction to elastostatics and elastodynamics of lattice materials
- Covers advanced topics such as damping, nonlinearity, instability, impact and nanoscale systems
- Introduces contemporary concepts including pentamodes, local resonance and inertial amplification
- Includes chapters on fast computation and design optimization tools
- Topics are introduced using simple systems and generalized to more complex structures with a focus on dispersion characteristics



AUGUST 2017 328PP

978-1-118-72959-5 CL \$150.00 (Japan)

Solid Mechanics

AUGUST 2017

978-1-118-72958-8 Wiley Online Library

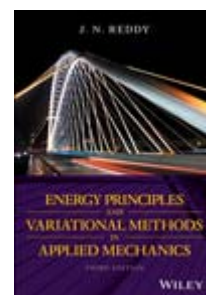
Energy Principles and Variational Methods in Applied Mechanics 3rd Edition

J. N. REDDY

Virginia Polytechnic Institute and State University

The book provides the state-of-the-art approach to various classical methods of solid and structural mechanics as well as the finite element method, which is globally accepted as the most powerful computational tool ever devised to solve practical engineering problems. It will cover work and energy principles of solid and structural mechanics (eg., unit load displacement method; Castigliano's Theorems; and Betti and Maxwell's theorems of reciprocity), traditional variational methods like Ritz, Galerkin, collocation, and least-squares variational methods of engineering and applied science, and the finite element method; and applications of these methods to bars, trusses, beams, and plate structures.

This third edition includes an extensively reorganized and includes a large amount of new material including a new chapter ten and is devoted to functionally graded beams and plates, with up to date developments in the field. Chapter 1 is a combination of the first two chapters of the previous edition. Chapter 2 on review of equations of solid mechanics is revised significantly to provide pertinent equations, including classical and Timoshenko beam theories and the von Karman nonlinear theories; Chapters 3 through 9 in the new edition correspond to chapter 4 thru 10 of the second edition, but with additional explanations, examples, and exercise problems. In general, all of the chapters in the third edition contain additional explanations, detailed example problems, and additional exercise problems. The new edition more than replaces the second edition.



AUGUST 2017 760PP

978-1-119-08737-3 PB \$145.00 (Japan)

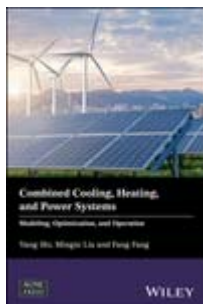
Solid Mechanics

Combined Cooling, Heating, and Power Systems

Modelling, Optimization, and Operation

YANG SHI, MINGXI LIU & FANG FANG

CCHP (Combined Cooling, Heating, and Power) systems are an emerging energy technology with significant economic and environmental benefits to multiple stakeholders. The key for maximizing their efficiency is the design of advanced control systems. A timely response to the research and development need, this book aims to provide a systematic coverage of the modeling, optimization and control of CCHP systems. It takes the lead in showing a panoramic view of this area and valuable control design and analysis methodologies, having the current literary gap filled. The book demonstrates a highly logical and readable organization. It begins with a survey of CCHP systems from a technological and societal perspective. This would offer the reader a broad and stimulating view of this area. Then it proceeds to four topics crucial for the practical CCHP operation. The discussion of each topic is well structured, walking the reader from introduction and background to technical details in a lucid and evocative manner. A set of new methodologies under a unified framework are proposed for modeling, optimization and control of CCHP systems. Also, a series of problems are solved with new approaches for optimal power flow and load forecasting and operation strategy design of CCHP Systems.



SERIES: WILEY-ASME PRESS SERIES
AUGUST 2017 208PP

978-1-119-28335-5 CL \$105.00 (Japan)

Control Process & Measurements

AUGUST 2017

978-1-119-28336-2 [Wiley Online Library](#)

Multi-Agent-Based Production Planning and Control

JIE ZHANG

At the crossroads of artificial intelligence, manufacturing engineering, operational research and industrial engineering and management, multi-agent based production planning and control is an intelligent and industrially crucial technology with increasing importance. This book provides a complete overview of multi-agent based methods for today's competitive manufacturing environment, including the Job Shop Manufacturing and Re-entrant Manufacturing processes. In addition to the basic control and scheduling systems, the author also highlights advance research in numerical optimization methods and wireless sensor networks and their impact on intelligent production planning and control system operation.

- Enables students, researchers and engineers to understand the fundamentals and theories of multi-agent based production planning and control
 - Written by an author with more than 20 years' experience in studying and formulating a complete theoretical system in production planning technologies
 - Fully illustrated throughout, the methods for production planning, scheduling and controlling are presented using experiments, numerical simulations and theoretical analysis
- Comprehensive and concise, Multi-Agent Based Production Planning and Control is aimed at the practicing engineer and graduate student in industrial engineering, operational research, and mechanical engineering. It is also a handy guide for advanced students in artificial intelligence and computer engineering.



JULY 2017 440PP

978-1-118-89006-6 CL \$170.00 (Japan)

Control Process & Measurements

N/A

978-1-118-89007-3 [Wiley Online Library](#)

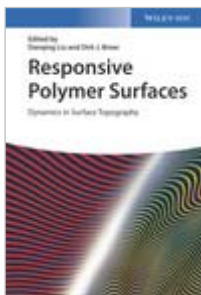
材料科学

Responsive Polymer Surfaces Dynamics in Surface Topography

DANQING LIU & DIRK J. BROER

Adopting an integrated approach, this book covers experiments, theory, and emerging applications.

In the first part surfaces are described that change from flat to either a random corrugated or to a well-structured structure, while the second part deals with those surface structures integrated in the coating surface where the structures change their shape or dimension when addressed by an external trigger. A variety of materials are addressed, including liquid crystal polymers, hydrogels, hard acrylates, and soft silicones. The whole is rounded off by a discussion of various applications, including surface controlled flows in microfluidic systems. Of interest to chemists and engineers, researchers in industry and academia, as well as those working in the paint industry and hydrodynamics.



AUGUST 2017 296PP

978-3-527-33869-6 CL \$175.00 (Japan)

Thin Films, Surfaces & Interfaces

AUGUST 2017

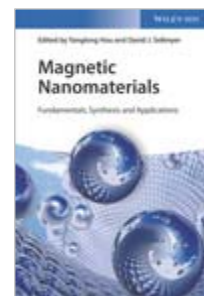
978-3-527-69053-4 Wiley Online Library

Magnetic Nanomaterials From Fundamental to Applications

YANGLONG HOU

Timely and comprehensive, this book presents recent advances in magnetic nanomaterials research, covering the latest developments, including the design and preparation of magnetic nanoparticles, their physical and chemical properties as well as their applications in different fields, including biomedicine, magnetic energy storage, wave-absorbing and water remediation.

By allowing researchers to get to the forefront developments related to magnetic nanomaterials in various disciplines, this is invaluable reading for the nano, magnetic, energy, medical, and environmental communities.



AUGUST 2017 600PP

978-3-527-34134-4 CL \$255.00 (Japan)

Magnetic Materials

AUGUST 2017

978-3-527-80325-5 Wiley Online Library

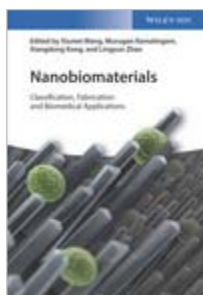
ナノテクノロジー

Nanobiomaterials: Fabrication, Classification and Biomedical Applications

XIU-MEI WANG, MURUGAN RAMALINGAM, XIANGDONG KONG & LINGYUN ZHAO

Written by an international team of editors and contributors from renowned universities and institutes, this book addresses the latest research in the field of nanobiomaterials, covering nanotechnologies for their fabrication, developments in biomedical applications, and the challenges of biosafety in clinic uses.

Clearly structured, the volume defines the scope and classification of the field, resulting in a broad overview from fundamental principles to current technological advances, and from materials synthesis to biomedical applications along with future trends.



AUGUST 2017 512PP

978-3-527-34067-5 CL \$215.00 (Japan)

Nanomedicine

AUGUST 2017

978-3-527-69864-6 **Wiley Online Library**

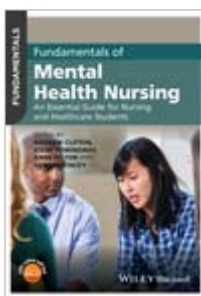
ナースング

Fundamentals of Mental Health Nursing

An Essential Guide for Nursing and Healthcare Students

ANDREW CLIFTON, STEVE HEMINGWAY, ANNE FELTON & GEMMA STACEY

Fundamentals of Mental Health Nursing is an accessible evidence-based introduction to the role of the mental health nurse. This comprehensive overview explores concepts of mental health and distress, ethics and accountability, key nursing models to be aware of, and the prevalence, predisposing factors and features of the most commonly occurring mental health problems.



Key Features:

- Places mental health conditions and interventions within a wider holistic context
- Situates Recovery at the centre of mental health nursing practice
- Links key concepts to mental health across the lifespan
- Contains learning outcomes in each chapter and includes scenarios and vignettes to root concepts in real-life practice

Information is placed in a practice context from the outset, making this an essential guide to both the theory and the practice of mental health nursing. It is ideal for students on courses relating to mental health care, as well as for registered nurses and health care practitioners looking to revise their knowledge of key concepts.

SERIES: FUNDAMENTALS

AUGUST 2017 496PP

978-1-118-88021-0 PB \$45.00 (Japan)

Mental Health Nursing

物理学

Fundamentals of Ionizing Radiation Dosimetry

Solutions to Exercises

PEDRO ANDREO

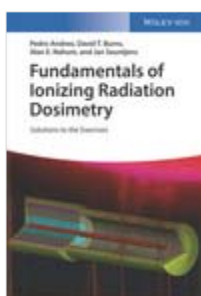
- Perfect complement to the textbook "Fundamentals of Ionizing Radiation Dosimetry"
- Helps the reader to get a better working knowledge of the concepts of radiation dosimetry
- Available separately and in a set with the textbook

AUGUST 2017 176PP

978-3-527-34352-2 PB \$34.95

(Japan)

Medical & Health Physics



Fundamentals of Ionizing Radiation Dosimetry

Textbook and Solutions

PEDRO ANDREO, DAVID T. BURNS, ALAN E. NAHUM & JAN SEUNTJENS

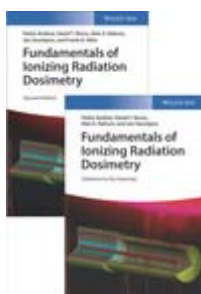
The textbook "Fundamentals of Ionizing Radiation Dosimetry" bundled with the workbook containing solutions to the exercises is the perfect pair for anyone seriously interested in radiation dosimetry.

AUGUST 2017 1200PP

978-3-527-34353-9 CL \$230.00

(Japan)

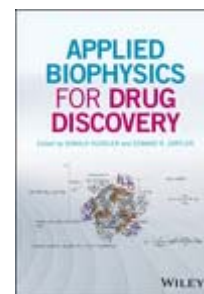
Medical & Health Physics



Applied Biophysics for Drug Discovery

DONALD HUDDLER & EDWARD E. ZARTLER

Applied Biophysics for Drug Discovery is a guide to new techniques and approaches to identifying and characterizing small molecules in early drug discovery. Biophysical methods are reasserting their utility in drug discovery and through a combination of the rise of fragment-based drug discovery and an increased focus on more nuanced characterisation of small molecule binding, these methods are playing an increasing role in discovery campaigns.



This text emphasizes practical considerations for selecting and deploying core biophysical method, including but not limited to ITC, SPR, and both ligand-detected and protein-detected NMR.

Topics covered include:

- Design considerations in biophysical-based lead screening
- Thermodynamic characterization of protein-compound interactions
- Characterizing targets and screening reagents with HDX-MS
- Microscale thermophoresis methods (MST)
- Screening with Weak Affinity Chromatography
- Methods to assess compound residence time
- 1D-NMR methods for hit identification
- Protein-based NMR methods for SAR development
- Industry case studies integrating multiple biophysical methods

This text is ideal for academic investigators and industry scientists planning hit characterization campaigns or designing and optimizing screening strategies.

AUGUST 2017 312PP

978-1-119-09948-2 CL \$150.00 (Japan)

Biophysics

JULY 2017

978-1-119-09951-2 Wiley Online Library

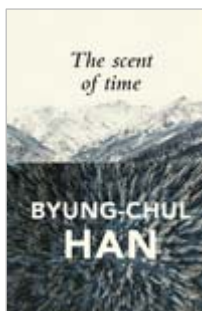
哲学

The Scent of Time

A Philosophical Essay on the Art of Linger

BYUNG-CHUL HAN & Translator DANIEL STEUER

In his philosophical reflections on the art of lingering, acclaimed cultural theorist Byung-Chul Han argues that the value we attach today to the *vita activa* is producing a crisis in our sense of time. Our attachment to the *vita activa* creates an imperative to work which degrades the human being into a labouring animal, an animal laborans. At the same time, the hyperactivity which characterizes our daily routines robs human beings of the capacity to linger and the faculty of contemplation. It therefore becomes impossible to experience time as fulfilling.



Drawing on a range of thinkers including Heidegger, Nietzsche and Arendt, Han argues that we can overcome this temporal crisis only by revitalizing the *vita contemplativa* and relearning the art of lingering. For what distinguishes humans from other animals is the capacity for reflection and contemplation, and when life regains this capacity, this art of lingering, it gains in time and space, in duration and vastness.

With his hallmark ability to bring the resources of philosophy and cultural theory to bear on the conditions of modern life, Byung-Chul Han's meditation on time will interest a wide readership in cultural theory, philosophy and beyond.

READERSHIP: Students and scholars interested in social theory, the philosophy of time, critical theory and the philosophy of history.

READERSHIP: Students and scholars interested in social theory, the philosophy of time, critical theory and the philosophy of history.

AUGUST 2017 120PP

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General Philosophy

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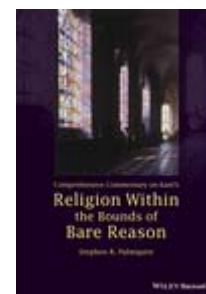
978-1-5095-1605-6 PB \$12.95 (Japan)

General Philosophy

Comprehensive Commentary on Kant's Religion Within the Bounds of Bare Reason

STEPHEN R. PALMQUIST
Hong Kong Baptist University, Hong Kong

Palmquist's Commentary provides the first definitive clarification on Kant's *Philosophy of Religion* in English; it includes the full text of Pluhar's translation, interspersed with explanations, providing both a detailed overview and an original interpretation of Kant's work.



- Offers definitive, sentence-level commentary on Kant's *Religion within the Bounds of Bare Reason*
- Presents a thoroughly revised version of Pluhar's translation of the full text of Kant's *Religion*, including detailed notes comparing the translation with the others still in use today
- Identifies most of the several hundred changes Kant made to the second (1794) edition and unearths evidence that many major changes were responses to criticisms of the first edition
- Provides both a detailed overview and original interpretation of Kant's work on the philosophy of religion
- Demonstrates that Kant's arguments in *Religion* are not only cogent, but have clear and profound practical applications to the way religion is actually practiced in the world today
- Includes a glossary aimed at justifying new translations of key technical terms in *Religion*, many of which have previously neglected religious and theological implications

AUGUST 2017 640PP

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17th & 18th Century Philosophy

政治学

Can Governments Earn Our Trust?

DONALD F. KETTL

Some analysts have called distrust the biggest governmental crisis of our time. It is unquestionably a huge problem, undermining confidence in our elected institutions, shrinking social capital, slowing innovation, and raising existential questions for democratic government itself.



What's behind the rising distrust in democracies around the world and can we do anything about it? In this lively and thought-provoking essay, Donald F. Kettl, a leading scholar of public policy and management, investigates the deep historical roots of distrust in government, exploring its effects on the social contract between citizens and their elected representatives. Most importantly, the book examines the strategies that present-day governments can follow to earn back our trust, so that the officials we elect can govern more effectively on our behalf.

READERSHIP: Students and scholars of politics and public policy and general current affairs readers

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AUGUST 2017 144PP

978-1-5095-2246-0 PB \$12.95 (Japan)*Political Issues & Behavior*

The New Russia

MIKHAIL GORBACHEV & Translated by ARCH TAIT

After years of rapprochement, the relationship between Russia and the West is more strained now than it has been in the past 25 years. Putin's motives, his reasons for seeking confrontation with the West, remain for many a mystery. Not for Mikhail Gorbachev. In this new work, Russia's elder statesman draws on his wealth of knowledge and experience to reveal the development of Putin's regime and the intentions behind it. He argues that Putin has significantly diminished the achievements of perestroika and is part of an over-centralized system that presents a precarious future for Russia. Faced with this, Gorbachev advocates a radical reform of politics and a new fostering of pluralism and social democracy.



Gorbachev's insightful analysis moves beyond internal politics to address wider problems in the region, including the Ukraine conflict, as well as the global challenges of poverty and climate change. Above all else, he insists that solutions are to be found by returning to the atmosphere of dialogue and cooperation which was so instrumental in ending the Cold War.

This book represents the summation of Gorbachev's thinking on the course that Russia has taken since 1991 and stands as a testament to one of the greatest and most influential statesmen of the twentieth century.

READERSHIP: The interested general reader, those interested in modern Russian politics and world affairs.

AUGUST 2017 504PP

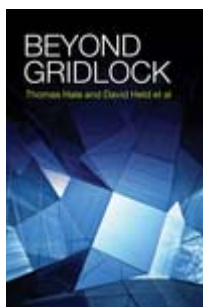
978-1-5095-2361-0 PB \$17.95 (Japan)*International Relations*

Beyond Gridlock

THOMAS HALE & DAVID HELD

PhD candidate at Princeton University; London School of Economic and Political Science

It is now conventional wisdom to see the great policy challenges of the 21st century as inherently transnational, spilling across national boundaries. It is equally common to note the failures of the international institutions the world relies on to address such challenges. As the acclaimed 2013 book *Gridlock* argued, the world increasingly needs effective international cooperation, but multilateralism appears unable to deliver it in the face of deepening interdependence, rising multipolarity, and the growing complexity and fragmentation that characterise the global order.



The *Gridlock* authors have now partnered with a group of leading experts to offer a trenchant – and surprisingly hopeful – reassessment of elements of the *Gridlock* argument. Comparing anomalies and exceptions to multilateral dysfunction across a number of spheres of world politics, *Beyond Gridlock* explores seven pathways through and even beyond gridlock. While multilateralism continues to fall short, countries, international organizations, civil society groups, sub-national governments, businesses, and other actors are finding ways to build or defend effective international cooperation. To be sure, gridlock persists across many realms of world politics, but *Beyond Gridlock* identifies systematic means through which, and the conditions under which, we possess the agency to avoid or resist these forces, or even turn them to the benefit of collective solutions. Combining critical, comparative analysis across issues with forward-looking evaluation of potential strategies, this book offers a vital new perspective on world politics as well as a practical guide for positive change in global policy.

READERSHIP: Academics and students, but also policymakers and the broader public interested in globalization, public policy, global political theory and international relations.

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Global Politics

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Global Politics

Bioinformation

BRONWYN PARRY & BETH GREENHOUGH

From DNA sequences stored on computer databases to archived forensic samples and biomedical records, bioinformation comes in many forms. Its unique provenance – the fact that it is 'mined' from the very fabric of the human body – makes it a mercurial resource; one that no one seemingly owns, but in which many have deeply vested interests.



Who has the right to exploit and benefit from bioinformation? The individual or community from whom it was derived? The scientists and technicians who make its extraction both possible and meaningful or the commercial and political interests which fund this work? Who is excluded or even at risk from its commercialisation? And what threats and opportunities might the generation of 'Big Bioinformational Data' raise?

In this groundbreaking book, authors Bronwyn Parry and Beth Greenhough explore the complex economic, social and political questions arising from the creation and use of bioinformation. Drawing on a range of highly topical cases, including the commercialization of human sequence data; the forensic use of retained bioinformation; biobanking and genealogical research, they show how demand for this resource has grown significantly driving a burgeoning but often highly controversial global economy in bioinformation. But, they argue, change is afoot as new models emerge that challenge the ethos of privatisation by creating instead a dynamic open source 'bioinformational commons' available for all future generations.

READERSHIP: Undergraduate second and third years and post-graduate students in disciplines such as geography, social medicine, sociology, anthropology, philosophy, law, health sciences, medical humanities and the history of science.

SERIES: RESOURCES

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International Political Economy

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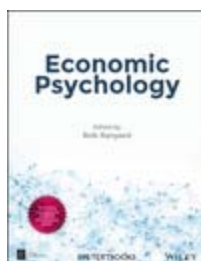
International Political Economy

心理学

Economic Psychology

Editor ROB RANYARD

This BPS Textbook in Psychology aims to present an overview of contemporary economic psychology in a manner suitable for the core text of a course at the intermediate or final year level of an undergraduate degree in psychology, or equivalent. The focus is on individual and household economic decision making, ranging widely across financial matters such as borrowing and saving, and economic activities such as buying, trading and working. Material to equip the student to understand a range of contemporary research methods and to undertake an empirical study in economic psychology will be presented in the first part of the book. The main chapters will, in addition to reviewing current knowledge on each topic, also consider the practical and policy implications for supporting economic decision making. Furthermore, as well as dealing with central aspects of adult decision making in everyday life, the text will consider two broader perspectives. The penultimate part will present a life-span developmental approach, from childhood to old age; and the final part will deal with important societal issues such as charitable giving and economic sustainability. There is growing interest in behavioural economics and economic psychology, and graduate students in both areas will also find the book useful as a supplementary text.



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CHRISTINA GILLIAM

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Clinical Psychology

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Clinical Psychology

The Wiley Handbook of Obsessive Compulsive Disorders, 2 Volume Set

Editor JONATHAN S. ABRAMOWITZ, Editor DEAN MCKAY &
Editor ERIC A. STORCH
Fordham University

The Wiley Handbook of Obsessive Compulsive Disorders, 2 volume set, provides a comprehensive reference on the phenomenology, epidemiology, assessment, and treatment of OCD and OCD-related conditions throughout the lifespan and across cultures.



- Provides the most complete and up-to-date information on the highly diverse spectrum of OCD-related issues experienced by individuals through the lifespan and cross-culturally
- Covers OCD-related conditions including Tourette's syndrome, excoriation disorder, trichotillomania, hoarding disorder, body dysmorphic disorder and many others
- OCD and related conditions present formidable challenges for both research and practice, with few studies having moved beyond the most typical contexts and presentations
- Includes important material on OCD and related conditions in young people and older adults, and across a range of cultures with diverse social and religious norms

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Clinical Psychology

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The Wiley Handbook of Developmental Psychopathology

LUNA CENTIFANTI & DAVID WILLIAMS

The Wiley Handbook of Developmental Psychopathology offers a concise, up-to-date, and international overview of the study of developmental psychopathology.

- Examines the cognitive, neurobiological, genetic, and environmental influences on normal and abnormal development across the lifespan
- Incorporates methodology, theory, and the latest empirical research in a discussion of modern techniques for studying developmental psychopathology
- Considers the legal, societal, and policy impacts of changes to diagnostic categories in the light of the transition to DSM-5
- Moves beyond a disorder-based discussion to address issues that cut across diagnostic categories



SERIES: WILEY CLINICAL PSYCHOLOGY HANDBOOKS
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Clinical Psychology

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ポリマーサイエンス

Polymers for Biomedicine

Synthesis, Characterization, and Applications

CARMEN SCHOLZ

Highlighting dynamic developments in polymer synthesis, this book focuses on the chemical techniques to synthesize and characterize biomedically relevant polymers and macromolecules.

- Aids researchers developing polymers and materials for biomedical applications
- Describes biopolymers from a synthetic perspective, which other similar books do not do
- Covers areas that include: cationically-charged macromolecules, pseudo-peptides, polydrugs and prodrugs, controlled radical polymerization, self-assembly, polycondensates, and polymers for surface modification



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978-1-118-96657-0 CL \$250.00 (Japan)*Biopolymers*

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レファレンス

The Bloomberg Way

A Guide for Journalists

14th Edition

JOHN MICKLETHWAIT, PAUL ADDISON, JENNIFER SONDAG &
BILL GRUESKIN
Bloomberg News

The Bloomberg Way is the journalist's guide to business and financial reporting, with authoritative editorial guidance from the Editor-in-Chief of Bloomberg News. The reality of today's media is that speed is paramount; this book shows you how to be the first to report without sacrificing accuracy or journalistic integrity along the way. You'll learn how to avoid the common mistakes that catch reporters unawares, and learn insider tactics for working within the 24-hour news cycle.



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- Follow the money when reporting on opinion polls and government financing

The Bloomberg Way provides the need-to-know guidelines for responsible business and finance reporting.

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AUGUST 2017 304PP

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Reference (General)

社会学

Manet A Symbolic Revolution

PIERRE BOURDIEU, Translator PETER COLLIER & Translator
MARGARET RIGAUD-DRAYTON
Collège de France

What is a 'symbolic revolution'? What happens when a symbolic revolution occurs, how can it succeed and prevail and why is it so difficult to understand? Using the exemplary case of Édouard Manet, Pierre Bourdieu began to ponder these questions as early as the 1980s, before making it the focus of his lectures in his last years at the Collège de France. This volume of Bourdieu's previously unpublished lectures provides his most sustained contribution to the sociology of art and the analysis of cultural fields. It is also a major contribution to our understanding of impressionism and the works of Manet.



Bourdieu treats the paintings of Manet as so many challenges to the conservative academicism of the pompier painters, the populism of the Realists, the commercial eclecticism of genre painting, and even the 'Impressionists', showing that such a revolution is inseparable from the conditions that allow fields of cultural production to emerge. At a time when the Academy was in crisis and when the increase in the number of painters challenged the role of the state in defining artistic value, the break that Manet inaugurated revolutionised the aesthetic order. The new vision of the world that emerged from this upheaval still shapes our categories of perception and judgement today – the very categories that we use every day to understand the representations of the world and the world itself.

This major work by one of the greatest sociologists of the last 50 years will be welcomed by students and scholars in sociology, art history and the social sciences and humanities generally. It will also appeal to a wide readership interested in art, in impressionism and in the works of Manet.

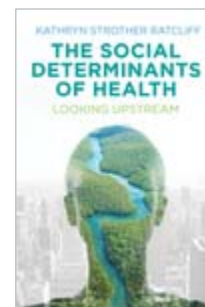
READERSHIP: Students of the social sciences, as well as anyone who wishes to gain a greater understanding of Bourdieu's excellent contribution to the field of social theory.

AUGUST 2017 576PP
978-1-5095-0009-3 CL \$45.00 (Japan)
Sociology of Art

The Social Determinants of Health Looking Upstream

KATHRYN STROTHER RATCLIFF

This timely book takes seriously the idea of understanding how our social world – not individual responsibility nor the health care system – is the primary determinant of our health. Kathryn Strother Ratcliff puts into practice the "upstream" imagery from public health discourse, which locates the causes (and solutions) of health problems within the social environment. Each chapter explains how the policies, politics, and power behind corporate and governmental decisions and actions produce unhealthy circumstances of living – such as poverty, pollution, dangerous working conditions, and unhealthy modes of food production – and how putting profit and politics over people is unhealthy and unsustainable.



While the book examines how these unhealthy conditions of life generate significant class and ethnic health disparities, the focus is everyone's health. Arguing that none of us should be placed in preventable health-threatening situations, Ratcliff's provocative analysis uses social justice and human rights lenses to guide the discussion "upstream" towards possible changes that could produce a healthier world for us all. Using data and ideas from many disciplines, the book provides a synthesis of invaluable information for activists and policy makers, as well as professionals and students in sociology, public health, and other health fields.

READERSHIP: Upper-level undergraduate and graduate students taking courses in the sociology of health, social policy, and health studies courses with a sociological component

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978-1-5095-0431-2 CL \$69.95 (Japan)
Sociology of Health & Illness

AUGUST 2017 256PP
978-1-5095-0432-9 PB \$24.95 (Japan)
Sociology of Health & Illness

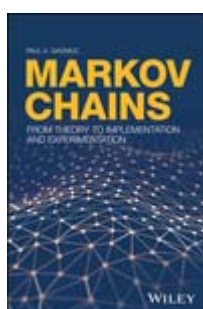
統計学

Markov Chains

From Theory to Implementation and Experimentation

PAUL A. GAGNIUC

This book takes a new approach to Markov chains, based on four convergent lines that include mathematics, implementation, simulation and experimentation. The author introduces readers to the art of stochastic modeling, shows how to design computer implementations, and provides extensive worked out examples and case studies. This book contains nine chapters, with Chapter 1 providing a general introduction of history of probability



theory. The introduction to discrete-time is made using quantifiable examples, showing how the field of probability theory arrived in recent times at the notion of dependent variables (Markov model) from experiments related to independent variables (Bernoulli model). Next, Chapter 2 and 3 provide an introduction to simple stochastic matrices and transition probabilities. This is followed by a simulation of a two-state Markov Chain. Chapter 4 examines the notion of steady state and discusses it in connection with the long-run distribution behavior of the Markov chain. Predictions based on Markov chains with more than two states are covered in Chapter 5. In Chapter 6, the notion of absorbing Markov Chains it is approached by example, while Chapter 7 covers a topic linked to the average time spent in a state. Next, Chapter 8 discusses different configurations of chains. Finally, Chapter 9 covers the simulation of an n-state Markov chain used for verifying experiments of various diagram configurations.

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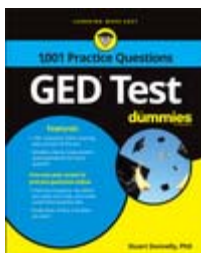
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テストプレップ

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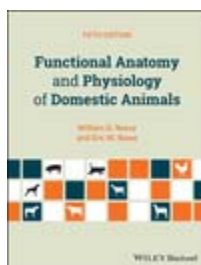
Test Prep General

獣医学

Functional Anatomy and Physiology of Domestic Animals 5th Edition

WILLIAM O. REECE & ERIC W. ROWE
Iowa State University, Ames, Iowa, USA; Iowa State University,
Ames, Iowa, USA

Now in its Fifth Edition, *Functional Anatomy and Physiology of Domestic Animals* provides a basic understanding of domestic animal anatomy and physiology, taking an interconnected approach to structure and function of the horse, dog, cat, cow, sheep, goat, pig, and chicken.



- Offers a readable introduction to basic knowledge in domestic animal anatomy and physiology
- Covers equine, canine, feline, bovine, ovine, ruminant, swine, and poultry anatomy and physiology
- Considers structure and function in relation to each other for a full understanding of the relationship between the two
- Provides pedagogical tools to promote learning, including chapter outlines, study questions, self-evaluation exercises, clinical correlates, key terms, suggested readings, and a robust art program
- Includes access to a companion website with video clips, review questions, and the figures from the book in PowerPoint

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Veterinary Anatomy & Physiology

Manual of Small Animal Soft Tissue Surgery 2nd Edition

KAREN M. TOBIAS
Department of Small Animal Clinical Sciences, University of
Tennessee, Knoxville, Tennessee

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- Offers expanded coverage of additional procedures and updates reflecting the latest thinking on surgical techniques
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- Aids small animal veterinary practitioners and students in learning and applying the tips and tricks that experienced surgeons use to make each procedure easier and faster



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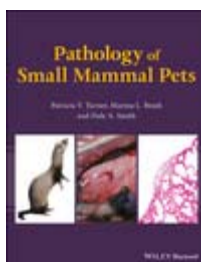
Veterinary Surgery, Orthopedics & Trauma

Pathology of Small Mammal Pets

PATRICIA V. TURNER, MARINA L. BRASH & DALE A. SMITH
 Ontario Veterinary College, University of Guelph, Guelph, Ontario,
 Canada; Ontario Veterinary College, University of Guelph, Guelph,
 Ontario, Canada; Ontario Veterinary College, University of Guelph,
 Guelph, Ontario, Canada

Pathology of Small Mammal Pets presents a ready reference for veterinarians, veterinary pathologists, and technicians who work with small mammal companion animals.

- Provides up-to-date, practical information on common disease conditions in small mammal companion animals
- Offers chapters logically organized by species, with comprehensive information on diagnosing diseases in each species
- Takes a practical, system-based approach to individual disease conditions
- Covers clinical signs, laboratory diagnostics, gross pathology, histopathology, and differential diagnoses in detail
- Includes relevant information for conventional breeding operations and breeding facilities, with strategies for disease management in herds and colonies
- Features information on normal anatomy in included species to assist in recognizing pathology



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Veterinary Medicine / Exotic Pets

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