

JAPAN PREVIEW

November 2022



WILEY

PICK OF THE MONTH ~ 今月のお勧めタイトル**Global Marketing Management**

9th Edition

MASAAKI (MIKE) KOTABE & KRISTIAAN HELSEN

→P18

Heterogeneous Nanocatalysis for Energy and Environmental Sustainability, Volume 1 & 2 (再掲載)

EDITOR PUTLA SUDARSANAM, EDITOR YUSUKE YAMAUCHI & EDITOR PANKAJ BHARALI

→P29

Electrochemical Methods: Fundamentals and Applications 3e, Student Solutions Manual

CYNTHIA G. ZOSKI, JOHNA LEDDY, ALLEN J. BARD, LARRY R. FAULKNER & HENRY S. WHITE

→P33

The Social Life of Words : A Historical Approach

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→P69

The Handbook of Linguistic Human Rights

EDITOR TOVE SKUTNABB-KANGAS & EDITOR ROBERT PHILLIPSON

→P70

Collinear Holography : Devices, Materials, Data Storage (再掲載)

XIAODI TAN, HIDEYOSHI HORIMAI, TSUTOMU SHIMURA & XIAO LIN

→P90

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JAPAN PREVIEW

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芸術

House Concert

IGOR LEVIT, FLORIAN ZINNECKER & TRANSLATED BY SHAUN WHITESIDE

READERSHIP: Anyone interested in classical music; anyone who listens to the work of Igor Levit; anyone concerned about the rise of far-right politics and anti-Semitism today



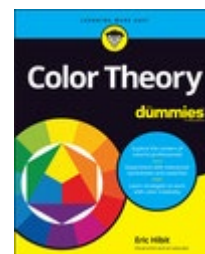
NOVEMBER 2022 224PP
978-1-5095-5355-6 CL \$27.50 (Japan)
Music

Color Theory For Dummies

ERIC HIBIT, RIDGEWOOD, UNITED STATES

Choose the right colors and color combinations for your projects

Color theory is the art and science of using color. *Color Theory For Dummies* explains, in simple terms, how colors relate to one another and how they can be combined to work together in an aesthetically pleasing way. An understanding of color theory can help you create art, decorate your home, design a beautiful wedding, and impress your friends at parties. With this book, you'll learn how humans perceive color, how colors harmonize or clash with each other, and how you can apply these principles in your life and work to add a little, well, color to things.



- Discover the history and science behind how we see colors
- Understand how colors mix, match, and contrast so you can create better color combinations
- Learn how certain colors have the ability to affect how we feel and think
- Apply color theory to design, art, décor, photography, and beyond

Color Theory For Dummies simplifies and illuminates the world of color theory, outlining and defining color in a digestible and applicable way.

NOVEMBER 2022 288PP
978-1-119-89227-4 PB \$29.99 (Japan)
Art & Applied Arts Special Topics

会計学

Risk Modeling

Practical Applications of Artificial Intelligence,
Machine Learning, and Deep Learning

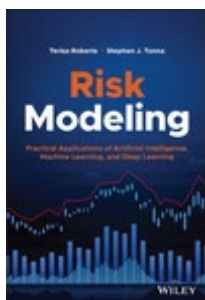
TERISA ROBERTS & STEPHEN J. TONNA

A wide-ranging overview of the use of machine learning and AI techniques in financial risk management, including practical advice for implementation

Risk Modeling: Practical Applications of Artificial Intelligence, Machine Learning, and Deep Learning introduces readers to the use of innovative AI technologies for forecasting and evaluating financial risks. Providing up-to-date coverage of the practical application of current modelling techniques in risk management, this real-world guide also explores new opportunities and challenges associated with implementing machine learning and artificial intelligence (AI) into the risk management process.

Authors Terisa Roberts and Stephen Tonna provide readers with a clear understanding about the strengths and weaknesses of machine learning and AI while explaining how they can be applied to both everyday risk management problems and to evaluate the financial impact of extreme events such as global pandemics and changes in climate. Throughout the text, the authors clarify misconceptions about the use of machine learning and AI techniques using clear explanations while offering step-by-step advice for implementing the technologies into an organization's risk management model governance framework.

Risk Modeling: Practical Applications of Artificial Intelligence, Machine Learning, and Deep Learning is an invaluable guide for CEOs, CROs, CFOs, risk managers, business managers, and other professionals working in risk management.



SERIES: WILEY AND SAS BUSINESS SERIES

NOVEMBER 2022 208PP
978-1-119-82493-0 CL \$49.95 (Japan)
Corporate Finance

Middle Market M & A

Handbook for Advisors, Investors, and Business
Owners, 2nd Edition

KENNETH H. MARKS, CHRISTIAN W. BLEES, MICHAEL R. NALL
& THOMAS A. STEWART

Marks Co.Inc

An in-depth and practical exploration of middle-market mergers and acquisitions from leading experts in the field

In the newly revised Second Edition of *Middle Market M & A: Handbook for Advisors, Investors, and Business Owners*, mergers and acquisitions experts Kenneth H. Marks, Christian W. Blees, Michael R. Nall, and Thomas A. Stewart deliver a comprehensive overview of mergers, acquisitions, divestitures, and strategic transactions of privately held companies with revenues between \$5 and \$500 million per year.

You'll discover the market trends, perspectives, and strategies commonly affecting business transitions in all phases of a deal, as well as the processes and core subject areas (e.g. valuation, structure, taxation, due diligence, etc.) required to successfully navigate and close transactions in the private capital markets.

Perfect for advisors, investors, and business owners, the new edition of *Middle Market M & A* is a must-read roadmap of the strategic transaction landscape that provides solid, practical guidance for attorneys, accountants, investment bankers, corporate development, exit planners, investors, lenders and the owners, entrepreneurs, and leaders of middle market companies.



SERIES: WILEY FINANCE

NOVEMBER 2022 496PP
978-1-119-82810-5 CL \$125.00 (Japan)
VALUATION

ビジネス

Bridging the Soft Skills Gap

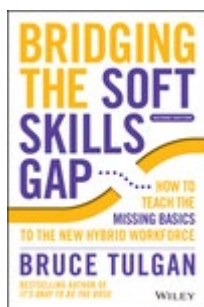
How to Teach the Missing Basics to the New Hybrid Workforce, 2nd Edition

BRUCE TULGAN, NEW HAVEN

Rainmaker Inc

Nurture and develop well-rounded team players by focusing on soft skills development

People entering the professional world are better educated than ever before. Their technical skills are often off-the-charts, helping them make short work of even the most challenging tasks. At the same time, however, many of these very same people lack soft skills we've often taken for granted.



In the newly revised second edition of *Bridging the Soft Skills Gap: How to Teach the Missing Basics to the New Hybrid Workforce*, veteran business advisor, speaker, and consultant Bruce Tulgan delivers a practical and incisive roadmap to developing crucial professionalism, critical thinking, and teamwork skills. You'll also find:

- A collection of 92 instructive lesson plans designed to break soft skills down into their component parts and teach them one manageable piece at a time
- An exploration of the soft skills gap, including what it means and how its impact on your organization will be felt
- Explanations of why you can't hire your way around a soft skills gap

An essential leadership handbook for executives, managers, and other business leaders, *Bridging the Soft Skills Gap* is a must-read resource for human resources professionals, team leaders, and front-line employees who deal with promising, but unpolished, talent.

NOVEMBER 2022 304PP
978-1-119-91206-4 CL \$25.00 (Japan)
GENERAL & INTRODUCTORY BUSINESS & MANAGEMENT

Running Effective Meetings For Dummies

JOSEPH A. ALLEN & KARIN M. REED, WAKE FOREST

Turn meetings into the best part of your day with this actionable, step-by-step guide



Brainstorming meetings. Team meetings. Stakeholder meetings. Zoom meetings. Hybrid meetings. Most of us are part of more meetings than we can even count. And how many of these meetings are actually productive and valuable?

Running Effective Meetings For Dummies shows you how to plan, guide, and run a great meeting, whether you're doing it face-to-face, fully virtual, or a combination of both. Authors Dr. Joseph Allen, industrial and organizational psychologist, and Emmy-award winning communications expert Karin Reed team up to walk you through the steps you need to take to make your next meeting your best one yet.

You'll learn about:

- The different kinds of meetings and what each is supposed to accomplish
- How to prep for a great meeting and set the expectations of all the participants
- How to be an effective leader by guiding discussion during the actual meeting itself
- Effective follow-up and evaluation to keep your momentum and continually improve your meetings

Stop enduring meeting-fatigue and start making meetings the fun, productive, and engaging events they're supposed to be. Grab a copy of *Running Effective Meetings For Dummies* today!

NOVEMBER 2022 UnknownPP
978-1-119-87570-3 PB \$29.99 (Japan)
General & Introductory Business & Management

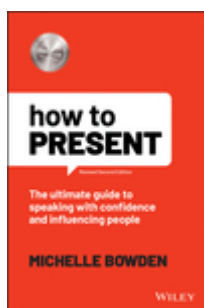
How to Present

The Ultimate Guide to Speaking with Confidence and Influencing People, 2nd Edition

MICHELLE BOWDEN

Learn the secrets of successful speaking, communicating and presenting

Do you get nervous when presenting at work? Do you want to showcase your knowledge, influence people and accelerate your career? *How to Present* reveals the winning formulas that ensure you are a confident, clear and influential presenter every time.



Presentation skills expert Michelle Bowden shares her internationally proven system for exceptional presenting, starting with analysis (plan what you would like to achieve), then design (put your presentation together) and delivery (communicate your message for results). This second edition is fully updated with all new strategies for presenting in online and hybrid sessions. Presenting online can be effective and engaging--you just need to know what to do, and then do it!

How to Present will help you:

- maximise your impact in meetings, conferences and conversations
- manage your nerves so you feel calm and confident
- engage your audience and master the art of persuasion
- structure your message cleverly and with deliver with authority
- command attention and achieve your goals

Whether you're speaking to one person or thousands, live or online, this is the essential guide to becoming an outstanding presenter who is memorable for all the right reasons!

NOVEMBER 2022 UnknownPP
978-1-119-91235-4 PB \$22.00 (Japan)
BUSINESS SELF-HELP

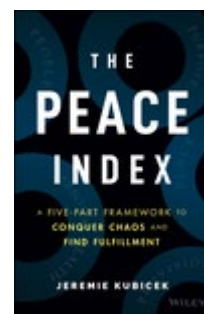
The Peace Index

A Five-Part Framework to Conquer Chaos and Find Fulfillment

JEREMIE KUBICEK, UNITED STATES

Without personal peace, we're at war with ourselves--and with the world

Look around you. It doesn't take long to witness unrest, disruption, and chaos. We feel it in our bones, and we see it in our streets. Violent outbursts and market crashes take their toll. Journalism thrives on breaking news, and social media highlights broken lives. It's tempting to isolate and insulate. We often settle for cynical minds and calloused hearts as a means of coping with the chaos.



Thankfully, there's a proven path to peace. Author Jeremie Kubicek serves as your tour guide on a path that yields practical solutions. His ground-breaking *Peace Index* equips you to identify your perceived level of peace in five critical areas: Purpose, People, Place, Personal Health, and Provision.

But don't get comfortable or critical--your score is a moving target that changes every day, hour-by-hour, just like life. You need a solid strategy that keeps you grounded and growing, personally and professionally.

Get ready to:

- Experience a deeper understanding of the dangerous threats that aim to steal your authentic joy
- Create a clear game plan to combat chaos and win bigger in work and life
- Embody an undeniable peaceful presence in a world that desperately craves hope and healing

The stakes are high. The cost is big. Now--more than ever--our society needs people of peace, modeling a different way and a different world.

Be the change you wish to see--starting today!

NOVEMBER 2022 192PP
978-1-119-98592-1 CL \$25.00 (Japan)
Business Self-Help

The Unexpected Leader

Discovering the Leader Within You

JACQUELINE M. BAKER & FOREWORD BY JACQUELINE M. WELCH

The New York Times

Expand your leadership skill set by looking for it in unexpected places

Effective leadership isn't confined to easily identifiable silos. It appears everywhere, and sometimes in the most unexpected of places.

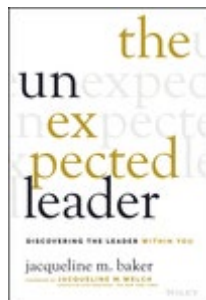
In *The Unexpected Leader: Discovering the Leader Within You*, veteran leadership trainer and consultant Jacqueline M. Baker delivers an incisive and actionable discussion of how to refine, define, and elevate leadership by absorbing lessons from other leaders and actualizing the leader within. You'll learn how to meet the demands of a rapidly changing workforce with a new approach to leadership development.

In the book, you'll find:

- Examples of how exemplary leadership can show up anywhere and in anyone
- New strategies for implementing the latest leadership techniques in a demographically and culturally diverse workforce
- Modern lessons on unique and authentic leadership from people unexpectedly thrust into positions where great leadership was essential

An ideal resource for everyday leaders at all levels, executives and managers, *The Unexpected Leader: Discovering the Leader Within You* is an essential read for anyone who hopes to expand their concept of leadership beyond the traditional.

NOVEMBER 2022 224PP
978-1-119-87767-7 CL \$28.00 (Japan)
Business Self-Help



Storytelling with You

Plan, Create, and Deliver a Stellar Presentation

COLE NUSSBAUMER KNAFLIC, RIVER HILLS, UNITED STATES

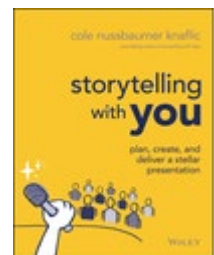
Be heard. Change minds. Get people to act. (Inspire them to clap.)

Whether presenting in a meeting, delivering a keynote on stage, or simply talking with your colleagues about your latest project, *you* play a critical role in how information is shared. You determine whether people engage, understand, and take action.

In *storytelling with you*, best-selling author and world-renowned speaker Cole Nussbaumer Knaflc prepares you to develop your story and deliver it with prowess. She unlocks the secrets that have propelled her from self-described introvert to sought-after presenter, distilling lessons learned into this immensely powerful and practical guide.

The journey starts by building the foundation for effective communication: gaining an understanding of your audience and message. You'll then learn to transform your ideas into compelling stories and illustrative content. Once the materials are set, you'll turn your attention inward and explore strategies to hone your delivery and communicate with confidence, preparing you for exceptional meetings and knockout presentations.

Give your hard work a voice and amplify your impact by communicating in a way that makes people want to listen and respond--*storytelling with you* will help *you* do it.



NOVEMBER 2022 336PP
978-1-394-16030-3 PB \$39.95 (Japan)
Personal Career Development

Age of Invisible Machines

A Practical Guide to Creating a Hyperautomated Ecosystem of Intelligent Digital Workers

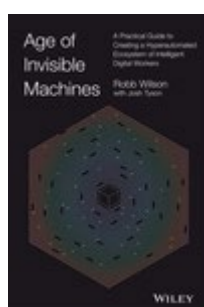
ROBB WILSON & WITH JOSH TYSON

Cut through the hype and unlock the game-changing potential of conversational AI.

In *Age of Invisible Machines*, celebrated tech leader Robb Wilson delivers an eye-opening and startlingly insightful blueprint for leveraging conversational AI in order to make your organization self-driving--with a growing ecosystem of interconnected automations accelerating all aspects of your business.

Conversational AI is changing the nature of every job at every company (starting yesterday) and this book is relevant for anyone who will be affected by the acceleration of these technologies. You'll learn how to develop a strategy for hyperautomation by identifying the outdated processes and systems holding your organization back. You'll discover ways of internalizing and orchestrating new technologies that are force-multipliers for rapid growth. A must-read for every business leader, Wilson's book debunks common myths about conversational AI while laying bare the inevitable complexity of restructuring your business to unlock the massive opportunities this new era affords.

An essential and practical discussion of the future of conversational AI and hyperautomation, *Age of Invisible Machines* belongs in the hands of founders, entrepreneurs, business leaders, designers, tech enthusiasts, and anyone else with a stake in the future of business.



NOVEMBER 2022 256PP
978-1-119-89992-1 CL \$28.00 (Japan)
Business Technology

Seeing the Unseen

Behind Chinese Tech Giants' Global Venturing

GUOLI CHEN, SINGAPORE, SINGAPORE & JIANGGAN LI

In the last few years, we have seen a meteoric rise of Chinese tech companies across the world. Alibaba stock price movements unnerved investors globally, venture capitalists searched for the next Meituan or Pinduoduo in Southeast Asia and Latin America, and of course, Tik Tok, the most popular content platform in the world today, originated from China.

The founders of such companies are typically credited with the "tenacity to rough it out," the "courage to venture into the unknown," and the "vision to take their companies to new heights." However, the same can be said about Silicon Valley founders, or any successful entrepreneur. So, what gives Chinese founders and their companies the advantage in becoming multi-billion global enterprises? How does their leadership set strategies? How do they motivate their people? How do they move so fast and defend their turf in China's hyper-competitive tech market? When they expand overseas, how do they determine what they keep and what they need to let go of? And most importantly, what do these things mean to you as a competitor, investor, regulator, or even as an executive or customer of such companies?

Seeing the Unseen: Behind Chinese Tech Giants' Global Venturing answers these questions and delves into the fascinating world of Chinese logic that shapes how tech leaders make and implement decisions, many of which are seldom seen outside China. In this book, you will gain an accurate, concise understanding of Chinese tech companies' reflections as they scale. You will understand the different generations of Chinese tech giants from Alibaba, Tencent, Baidu and Huawei to Pinduoduo, Meituan, ByteDance, Xiaomi and more.

Chinese firms undertaking overseas ventures can challenge our thinking on global strategy and implementation. This book gives you a better understanding of these emergent players in the global arena.



NOVEMBER 2022 240PP
978-1-119-88583-2 CL \$27.95 (Japan)
Business Technology

Innovation Ecosystem

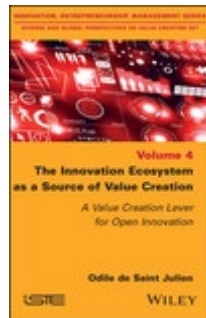
A Value Creation Lever for Open Innovation

ODILE DE SAINT JULIEN

Ecosystems have been present in the fields of economics and management for decades, and in recent years they have experienced rapid development. However, there is still no consensus on the definition of an innovation ecosystem.

Using concrete examples, *The Innovation Ecosystem as a Source of Value Creation* proposes a unique model in order to refine the understanding, functions, advantages and disadvantages of innovation ecosystems. This model is based on both the iterative network and integrated value chain. The network supports the collaboration between actors and favors asset transfers articulated around the innovation process.

This book highlights the transfer processes at work in the innovation ecosystem, as well as the roles of the actors in this integrated value chain. It presents how value creation is articulated around knowledge to generate value shared by all of the actors in the innovation ecosystem.



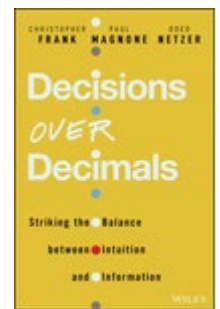
NOVEMBER 2022 256PP
978-1-78630-574-9 CL \$165.00 (Japan)
Creativity & Innovation Management

Decisions Over Decimals

Striking the Balance between Intuition and Information

CHRISTOPHER J. FRANK, PAUL F. MAGNONE & ODED NETZER

Amid streams of data and countless meetings, we make hasty decisions, slow decisions, and often no decisions. Uniquely bridging theory and practice, *Decision over Decimals* breaks this pattern by uniting data intelligence with human judgment to get to action -- a sharp approach the authors refer to as Quantitative Intuition (QI). QI is intended to raise awareness of the power of thinking beyond big data without neglecting it and chasing the perfect decision while appreciating that such a thing can never really exist.



Successful decision-makers are fierce interrogators. They square critical thinking with open-mindedness by blending information, intuition, and experience. Balancing these elements is at the heart of *Decisions Over Decimals*.

This book is not only designed to be read - but frequently referenced - as the reader faces innumerable decision moments. The Quantitative Intuition (QI) method is a set of rapid response leadership tools to adopt and accelerate decision making by:

- Effectively framing the problem for stakeholders
- Synthesizing intelligence from incomplete information
- Delivering decisions that stick

NOVEMBER 2022 256PP
978-1-119-89848-1 CL \$35.00 (Japan)
Decision Sciences

Talent Tectonics

Navigating Global Workforce Shifts, Building Resilient Organizations and Reimagining the Employee Experience

STEVEN T. HUNT, SHERWOOD, UNITED STATES

How to attract, retain, develop, and engage people for a changing world of work

Shifting demographics combined with the digitalization of all aspects of life are transforming the nature of work. This is forcing companies to rethink how they design jobs and recruit, develop, and engage employees.



In *Talent Tectonics: Navigating Global Workforce Shifts, Building Resilient Organizations, and Reimagining the Employee Experience*, Dr. Steven Hunt explains how technology is changing the purpose of work and why creating effective employee experiences is critical to building organizations that can thrive in a world of accelerating change and growing skill shortages.

In the book, you'll find insights from the perspective of a person who has worked with thousands of companies around the globe using technology to build effective workforces. The book explores how business strategy, organizational psychology, and work technology interact to create nimble companies.

Perfect for human resources professionals, employee experience managers, and business leaders responsible for building effective workforces, *Talent Tectonics* belongs in the libraries of every leader, employee, and professional invested in ensuring that their organization can attract, retain, and develop the talent needed to achieve its strategic goals.

NOVEMBER 2022 320PP
978-1-119-88518-4 CL \$30.00 (Japan)
Human Resource Management

Smart Data Smart Cities

LAURENT DUPONT

Explore the latest, most exciting developments in smart cities and the data driving their explosive growth. In *Smart Data Smart Cities*, distinguished author Laurent Dupont delivers a startlingly insightful exploration of the trends and developments driving the remarkable growth of smart technology in some of the most vibrant cities in the world today. Readers will explore exciting new research combined with eye-opening commentary from one of today's pre-eminent thought leaders on the subject.

NOVEMBER 2022 200PP
978-1-84821-956-4 CL \$165.00 (Japan)
Business & Society

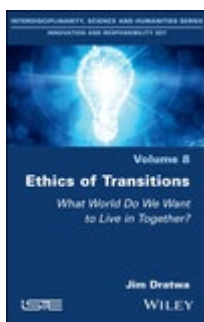
From Governing Innovation to Instituting Europe

Cosmopolitics, Precaution and the Paradox of Ethics

JIM DRATWA

This book covers all forms of ethical assessment of research and innovation at the European Commission, including the implications of the concept of RRI which has emerged as a new framework to be used by the European Commission, and indeed including the newer concepts of Open Innovation and Open Science which are designed to subsume and reconfigure RRI.

The book can be used as a 'how to' guide to understand and navigate the ethical and societal demands in developing European research projects; it also pushes the reflection and reflexivity further, bringing provoking new (and also some very old) perspectives to bear on ardent debates in studies of expertise, ethics and policy making.



NOVEMBER 2022 304PP
978-1-78630-102-4 CL \$165.00 (Japan)
Business Ethics

Global Marketing Management

9th Edition

MASAAKI (MIKE) KOTABE & KRISTIAAN HELSEN

The University of Texas at Austin; Hong Kong University of Science and Technology

An indispensable resource for students of marketing, management, and international business. In the newly updated ninth edition of *Global Marketing Management*, a team of veteran marketers delivers an academically rigorous and practically relevant guide for marketing managers hoping to succeed in an increasingly competitive international business environment. Readers will discover state-of-the-art global marketing practices that can be implemented to achieve wide-ranging corporate goals. In the book, business majors will step through a variety of animating themes, including the explosive growth of information technology, the economic and political forces of globalization, and the increased influence of environmental, social, and governance changes. *Global Marketing Management* is an ideal resource for undergraduate and graduate students of marketing, management, and business.



NOVEMBER 2022 704PP
978-1-119-88876-5 PB \$130.95 (Japan)
MARKETING & SALES

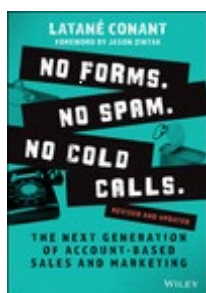
No Forms. No Spam. No Cold Calls.

The Next Generation of Account-Based Sales and Marketing, Revised and Updated

LATANÉ CONANT, CHICAGO

Unlock the full potential of modern marketing and sales

In the newly revised and updated edition of *No Forms. No Spam. No Cold Calls: The Next Generation of Account-Based Sales and Marketing*, celebrated speaker, writer, and Chief Market Officer of 6sense, Latané Conant, delivers an eye-opening and engaging guide for salespeople and marketers to use technology to identify prospects and put them at the center of everything they do.



You'll learn how to prioritize which accounts to work, engage the entire buying team, uncover hidden intent signals, and measure real success. You'll also discover:

- Strategies for building a tech-stack that prioritizes your customers
- Ways for chief marketing officers to stop playing defense and go on offense
- Insights for the modern sales leader, including how to sellers up to win, design successful territories, and hire and retain top sellers
- How the modern era of marketing and sales is different from what it used to be and how to capitalize on your new capabilities

A can't-miss handbook for marketers, salespeople, and team leads, *No Forms. No Spam. No Cold Calls.* is an original and thought-provoking journey through the techniques and strategies made possible by modern revenue technologies.

NOVEMBER 2022 272PP
978-1-119-98287-6 PB \$32.00 (Japan)
Marketing & Sales

Bootstrapping Ethics

Integrity Risk Management for Real World Application

RUPERT EVILL

Risk, ethics and compliance requirements are a daily reality for most organisations. Regulators and stakeholders (including employees) demand more of most organisations, from equality, to anti-corruption, to supply chain ethics.

Start-ups stutter and unicorns crash to earth when they get risk wrong. What should be done? Where should you start? How can risk management enable, not hinder, the organization's strategic goals? This book answers these questions -- rightsizing risk for every organization -- using frontline-tested tools, tips, and techniques. Whether you're a purpose-driven changemaker or just struggling to comply with a seemingly unending stream of regulation, we will make risk work for you.

Making this topic accessible, breaking it down into components with significant overlap and quick wins, focusing on experience over theoretical. They can all read academic & corporate guidance, but what we should do is make that tactical, practical and actionable. This book will cover:

- Values and authenticity
- Managing expectations
- Diversity, equity & inclusion
- Human rights and modern slavery
- Discrimination and harassment
- Managing conflict
- Managing external stakeholders
- Environment and communities
- Keeping it simple and cost-effective
- Ethical decision-making frameworks

NOVEMBER 2022 240PP
978-1-119-87490-4 CL \$45.00 (Japan)
Sales Management

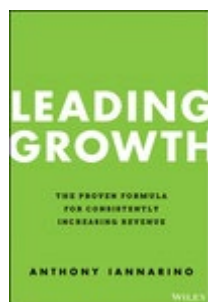
Leading Growth

The Proven Formula for Consistently Increasing Revenue

ANTHONY IANNARINO, WESTERVILLE

Increase revenue and achieve sustainable sales growth and success

In *Leading Growth: The Proven Formula for Consistently Increasing Revenue*, veteran B2B sales professional and coach Anthony Iannarino delivers an expert guide to enabling revenue growth in your sales team. In the book, you'll explore the fundamentals of organizational leadership, including vision, transformation, strategy, communication, and decision-making. You'll also define new frameworks for growth involving the people, planning, pipeline, and efficacy that make up your strategy.



The author also presents:

- Strategies to help salespeople create and win new opportunities for revenue growth
- Ways to grow revenue when you're required to deal with a "task force" or team of decision-makers who seem bent on preventing any kind of meaningful change
- Methods for shortening an ever-lengthening sales cycle

An indispensable resource for salespeople and sales leaders at every level of organizations, *Leading Growth* will also earn a place on the bookshelves of consultants, coaches, and other professionals who serve revenue- and growth-oriented firms as they seek to expand.

NOVEMBER 2022 288PP
978-1-119-89033-1 CL \$28.00 (Japan)
Sales Management

The Essential Entrepreneur

What It Takes to Start, Scale, and Sell a Successful Business

RICHARD TURNER

A toolkit for entrepreneurial success

In *The Essential Entrepreneur*, celebrated entrepreneur and business strategist Richard Turner delivers a practical, step-by-step approach to starting and growing a thriving enterprise. If you're ready to take your fledgling business to the next level--and finally follow that brilliant big idea--this guide covers everything you'll need to navigate the challenges ahead.

Richard shares straightforward advice and hands-on, real-world lessons outlining the key points you need to know to start and grow your venture. And his lessons are supported by the experience and wisdom of a panel of diverse experts: Tobi Pearce (co-founder of SWEAT), Flavia Tata Nardini (of Fleet Space), Simon Haigh (of Haigh's Chocolates), and Kirsten Bernhardt (skilled investment manager).

You'll discover how to:

- Make a splash in your industry by taking advantage of market weaknesses, disrupting the status quo and creating new openings
- Sort the good ideas from the bad: validate your business (whether it's a product or a service) and maximise its value
- Position your brand so that what you do is clear and instantly recognisable
- Create a business plan that really works, factoring in timing, going to market, managing finance, managing growth and more
- Understand the logistics of a successful and profitable operation, from sourcing suppliers to production, warehousing and distribution

Most small businesses struggle to get moving. This is the book that will help you get ahead in the race. A can't-miss resource for start-up entrepreneurs and business owners, *The Essential Entrepreneur* outlines everything you need to know to hit the ground running.

NOVEMBER 2022 UnknownPP
978-1-119-98455-9 PB \$21.99 (Japan)
Small Business & Entrepreneurship

Landlord's Legal Kit For Dummies

2nd Edition

ROBERT S. GRISWOLD, SAN DIEGO, UNITED STATES & LAURENCE HARMON, MINNETONKA, UNITED STATES

Howdy, landlord! Get on the right side of the law with Dummies

Landlord's Legal Kit For Dummies contains all the resources landlords need to unpack the legal side of renting properties. Inside you'll find worksheets, templates, and friendly explanations that will help you find success. Once you have your property and your tenants, you'll need to make sure you operate within your rights, complete all the necessary admin, and handle taxes in an accurate and timely way. This book can help you do just that, with the latest paperwork, helpful details and examples, and a breakdown of taxes and laws. Plus, you can go beyond the book by accessing online documents that take your learning to the next level.



- Understand all the latest housing laws that pertain to your specific rental situation
- Find drafts of all the legal forms you'll need as a landlord
- Access easy-to-use tax worksheets and clear descriptions of tax rules without legal jargon
- Recognize your rights as a landlord and understand your tenants' rights

This is the perfect Dummies guide for both new and experienced landlords who need a hands-on legal reference for all the laws surrounding rent, rental properties, and tenants.

NOVEMBER 2022 448PP
978-1-119-89634-0 PB \$34.99 (Japan)
PROPERTY & REAL ESTATE

The Invisible Game

The Secrets and the Science of Winning Minds and Winning Deals

KAI-MARKUS MUELLER & GABRIELE REHBOCK

Over 75% of managers describe their decision-making as situational and intuitive, "judgment calls" rather than objective reasoning based on hard facts.ⁱ The invisible underlying processes that drive these judgment calls have become one of the most popular and fascinating business topics of the 21st century, as numerous best-selling books and Nobel Prizes attest. The problem is that no one has yet shown businesspeople how to apply those insights in ways that give them a lasting edge in high-stakes decision-making, such as negotiations. *The Invisible Game* fills that void. Our book serves a huge market and a huge need by giving businesspeople their first practical, accessible way to internalize and apply fascinating psychological mechanisms -- such as heuristics and biases -- to their own advantage. Every sales negotiation takes place on two gameboards: the visible and the invisible. With *The Invisible Game*, salespeople can literally reset their minds so that they can recognize and play the invisible game with confidence and ultimately win both games.

NOVEMBER 2022 256PP
978-1-394-15298-8 CL \$24.95 (Japan)
BUSINESS & MANAGEMENT SPECIAL TOPICS

Leading in a Non-Linear World

How to Build Mindsets for the Future of Work and Life

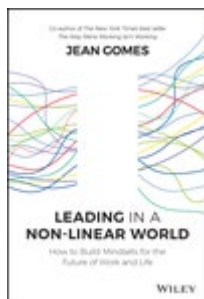
JEAN GOMES

Unlock the full potential of your organization in a rapidly transforming world with this explosive resource

Leading in a Non-Linear World: How to Build Mindsets for the Future of Work and Life, leads readers through a groundbreaking set of science-based strategies to help them face rising demand, uncertainty and change posed by disruptive technologies and seismic shifts in globalisation. The book shows how our mindset, more than our knowledge and expertise, has the potential to be our greatest asset in facing the future. Jean Gomes reviews the latest brain research revealing that our mindset is the interplay of feeling, thinking, and seeing, and how we can build it to significantly increase our wellbeing and performance.

For over 30 years Jean Gomes has worked with many of the world's most successful leaders in the corporate and sporting world, helping them to harness the emerging science of mindset. His clients include Warner Music, Nike, Alexander McQueen, Stella McCartney, eBay, Coca-Cola, UK Sport, Condé Nast, Microsoft, Manchester City Football Club and BMW. He is co-author of the New York Times best seller; *The Way We're Working Isn't Working* and the founder and CEO of the research-based consultancy, Outside.

Perfect for CEOs, Chief Innovation Officers, business leaders, digital officers, and anyone in a managerial or supervisory role, *Leading in a Non-Linear World* shows leaders how to shift their thinking and realize explosive growth in a world that demands nothing less.



NOVEMBER 2022 256PP
978-1-119-67272-2 CL \$24.95 (Japan)
Business & Management Special Topics

The Merger & Acquisition Leader's Playbook

A Practical Guide to Integrating Organizations, Executing Strategy, and Driving New Growth after M&A or Private Equity Deals

GEORGE B. BRADT, STAMFORD & JEFFREY PRITCHETT

Make your next merger or acquisition one for the ages

Meant to create value potentially fueled by synergies, the reality is that most mergers and acquisitions fail. It's estimated that 83% of mergers and acquisitions do not hit their desired results.

The Merger & Acquisition Leader's Playbook tells you why most mergers fail. More importantly, it tells you how to make your next one a sweeping success. In the book, a team of private equity experts deliver a masterful walkthrough of how to integrate organizations by driving commercial success, instead of focusing purely on cutting costs.

A must-read resource for business leaders considering a fresh merger or acquisition, *The Merger & Acquisition Leader's Playbook: A Practical Guide to Integrating Organizations, Executing Strategy, and Driving New Growth after M&A or Private Equity Deals* will also earn a place in the libraries of investors, agents, corporate service providers, and consultants trying to get two or more businesses to pull in the same direction.



NOVEMBER 2022 400PP
978-1-119-89984-6 CL \$55.00 (Japan)
Business & Management Special Topics

Digital Transformation Payday

Navigate the Hype, Lower the Risks, Increase Return on Investments

TIM BOTTKE, MUNICH, GERMANY

The Data-Driven Guide for your Digital Transformation Payday

In *Digital Transformation Payday: Navigate the Hype, Lower the Risks, Increase Return on Investments*, Tim Bottke, Senior Strategy Partner at Deloitte and Associate Professor for Strategy and Digital Transformation at SDA Bocconi, a *Financial Times/Forbes/Bloomberg Businessweek* Top-Five European business school, delivers a provocative, new perspective on digital business transformation--using research to get beyond the hype and uncover its real financial payback.



Have you ever asked yourself: "Should I really embark on a digital transformation journey that is likely full of pain, failure, and high cash-outs? One that puts a lot of pressure on our stock price and my nerves? Who will thank me for that? Will there ever be a measurable return on invest for all these technologies that supports positive market value impact?" If so, this book is for you.

You'll find unique insights and guidance for managers, executives, board members, and investors as you navigate an immense array of strategic and operational choices, opportunities, and pitfalls. You'll also learn to demystify digital strategy and technology buzzwords, better define the initial focal point and process of your firm's digital transformation, and establish new ways of thinking in terms of value impacts--and how to measure them--right from the start.

An indispensable resource for business leaders, *Digital Transformation Payday* will also earn a place in the libraries of entrepreneurs, founders, leaders of established companies, and digital enthusiasts.

NOVEMBER 2022 240PP
978-1-119-89417-9 CL \$32.00 (Japan)
Business & Finance

生体医用工学

Biofabrication for Orthopedics

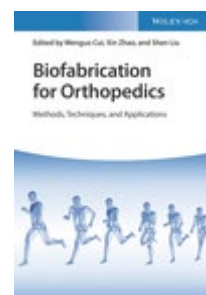
Methods, Techniques and Applications

EDITOR WENGUO CUI, EDITOR XIN ZHAO & EDITOR SHENG LIU

Huazhong University of Science and Technology, Wuhan, Hubei, China

A comprehensive overview of biofabrication techniques for orthopedics and their novel applications

With an ever-increasing global population and the rise in the occurrence of orthopedic diseases amongst an aging population, it is essential for technological advances to meet this growing medical need. Orthopedic biofabrication is a cutting-edge field that seeks to produce novel clinical solutions to this mounting problem, through the incorporation of revolutionary technologies that have the potential to not only transform healthcare, but also provide highly automated and personalized patient solutions. With the advances in the discipline, there is a significant growing interest in biofabrication for orthopedics in research activity geared towards routine clinical use.



Ideal for a broad readership amongst medical practitioners and scientists, *Biofabrication for Orthopedics* summarizes all aspects of the topic: detailed information on the technology, along with advanced developments, research progress, and future perspectives on biofabrication for orthopedics--particularly on the potential applications for tissue engineering technologies. In doing so, the book describes the various biomaterials--natural and synthetic--use for orthopedics and discusses the many ways in which these materials can be used in all parts of the body. As such, it offers detailed information on a wide range of applications in the fields of biology and clinical and industrial manufacturing.

Biofabrication for Orthopedics is a useful reference for those in a variety of research fields like medical-related practitioners and scientists, materials science, medicine, and manufacturing, as well as the libraries who support them.

NOVEMBER 2022 656PP
978-3-527-34889-3 CL \$375.00 (Japan)
Biomaterials

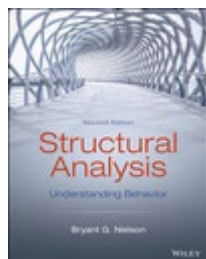
土木工学

Structural Analysis

Understanding Behavior, 2nd Edition

BRYANT G. NIELSON & JACK C. MCCORMAC

Clemson University; Clemson University



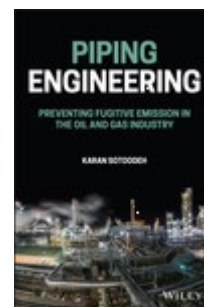
NOVEMBER 2022 576PP
978-1-119-71735-5 PB \$120.95 (Japan)
STRUCTURES

化学工学

Piping Engineering

Preventing Fugitive Emission in the Oil and Gas Industry

KARAN SOTOODEH



Piping Engineering: Preventing Fugitive Emission in the Oil and Gas Industry is a practical and comprehensive examination of strategies for the reduction or avoidance of fugitive emissions in the oil and gas industry. The book covers key considerations and calculations for piping and fitting design and selection, maintenance, and troubleshooting to eliminate or reduce emissions, as well as the various components that can allow for or cause them, including piping flange joints.

The author explores leak detection and repair (LDAR), a key technique for managing fugitive emissions. He also discusses piping stresses, like principal, displacement, sustained, occasional, and reaction loads, and how to calculate these loads and acceptable limits. Various devices to tighten the bolts for flanges are described, as are essential flange fabrications and installation tolerances.

The book also includes:

- Various methods and calculations for corrosion rate calculation, flange leakage analysis, and different piping load measurements
- Industry case studies that include calculations, codes, and references
- Focuses on critical areas related to piping engineering to prevent emission, including material and corrosion, stress analysis, flange joints, and weld joints
- Coverage of piping material selection for offshore oil and gas and onshore refineries and petrochemical plants

Ideal for professionals in the oil and gas industry and mechanical and piping engineers, *Piping Engineering: Preventing Fugitive Emission in the Oil and Gas Industry* is also a must-read resource for environmental engineers in the public and private sectors.

NOVEMBER 2022 464PP
978-1-119-85203-2 CL \$185.00 (Japan)
Process Engineering

Fundamentals of Industrial Problem Solving

A Practitioner's Guide

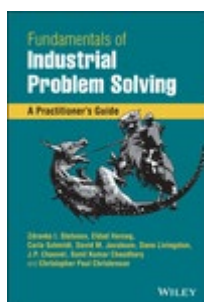
ZDRAVKO I. STEFANOV, ELDAD HERCEG, CARLA SCHMIDT,
DAVID M. JACOBSON, DANA LIVINGSTON, J.P. CHAUVEL,
SUNIL KUMAR CHAUDHARY & CHRISTOPHER PAUL
CHRISTENSON

Teaches Readers How to Apply a Structured Problem-Solving Methodology for Industrial Fields Based on Sound Scientific Principles

As modern industrial processes have become increasingly complex, complicated multi-factor problems have emerged. These complex problems end up costing companies millions of dollars every day. Existing problem-solving techniques are only effective to a certain point. This book provides a solution to a myriad of industrial problems by using first principles and rigorous hypothesis testing. Key topics covered within the work include:

- How to use the latest research, advanced modeling, big data mining, analytical testing, and many other techniques to systematically create and test hypotheses surrounding why a process is malfunctioning
- How to use scenario development to frame a team's understanding of why a process is malfunctioning
- How to approach today's lack of experienced industrial workers, whose failure to approach problem solving from first fundamentals are causing myriad of inefficiencies in industry
- How to use multiple methodologies together with an emphasis on first principles and mechanistic math modeling as a basis to industrial problem solving

Engineers of any discipline working in both research and development of manufacturing environments, along with professionals in any industrial discipline looking to reduce costs will be able to use this work to both understand and pragmatically solve the pressing issues we see in today's industrial market.



OCTOBER 2022 400PP
978-1-119-54318-3 CL \$160.00 (Japan)
Process Development

Spreadsheet Applications in Chemistry Using Microsoft Excel

Data Processing and Visualization, 2nd Edition

AOFIE MORRIN & DERMOT DIAMOND

School of Chemical Sciences, Dublin City University, Ireland

Find step-by-step tutorials on scientific data processing in the latest versions of Microsoft® Excel®

The Second Edition of *Spreadsheet Applications in Chemistry Using Microsoft® Excel®* delivers a comprehensive and up-to-date exploration of the application of scientific data processing in Microsoft® Excel®. Written to incorporate the latest updates and changes found in Excel® 2021, as well as later versions, this practical textbook is tutorial-focused and offers simple, step-by-step instructions for scientific data processing tasks commonly used by undergraduate students.



Readers will also benefit from an online repository of experimental datasets that can be used to work through the tutorials to gain familiarity with data processing and visualization in Excel®.

This latest edition incorporates new and revised content to use to learn the basics of Excel® for scientific data processing and now includes statistical analysis and regression analysis using Excel® add-ins, accounts for differences in navigation and utility between Windows and MacOS versions of the software, and integrates with an online dataset repository for the tutorial exercises.

Perfect for undergraduate and graduate students of analytical and physical chemistry, *Spreadsheet Applications in Chemistry Using Microsoft® Excel®* is also an ideal resource for students and practitioners of physics, engineering, and biology.

DECEMBER 2022 192PP
978-1-119-18297-9 PB \$75.95 (Japan)
ANALYTICAL CHEMISTRY

Cyber Investigations

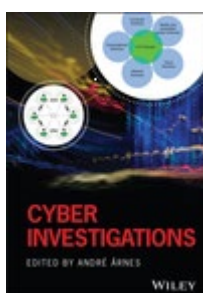
ANDRÉ ÅRNES

A classroom tested introduction to cyber investigations with real-life examples included

Cyber Investigations provides an introduction to the topic, an overview of the investigation process applied to cyber investigations, a review of legal aspects of cyber investigations, a review of Internet forensics and open-source intelligence, a research-based chapter on anonymization, and a deep-dive on multimedia forensics. The content is structured in a consistent manner, with an emphasis on accessibility for students of computer science, information security, law enforcement, and military disciplines.

To aid in reader comprehension and seamless assimilation of the material, real-life examples and student exercises are provided throughout, as well as an Educational Guide for both teachers and students. The material has been classroom-tested and is a perfect fit for most learning environments.

Based on research, teaching material, experiences, and student feedback over several years, *Cyber Investigations* is ideal for all students and professionals in the cybersecurity industry, providing comprehensive subject coverage from faculty, associates, and former students of cyber security and digital forensics at the Norwegian University of Science and Technology (NTNU).



NOVEMBER 2022 256PP
978-1-119-58231-1 PB \$100.00 (Japan)
Forensics

Capillary Electrophoresis Mass Spectrometry for Proteomics and Metabolomics

Principles and Applications

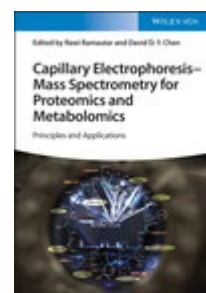
EDITOR RAWI RAMAUTAR & EDITOR DAVID D. Y. CHEN

A powerful and essential resource for researchers with an interest in CE-MS

In *Capillary Electrophoresis Mass Spectrometry for Proteomics and Metabolomics: Principles and Applications*, a team of distinguished researchers delivers a comprehensive overview of bioanalytical capillary electrophoresis coupled to mass spectrometry (CE-MS). The book explains foundational principles, technology as well the strategies and techniques used in data analysis for metabolic and proteomic studies. It also provides a global overview of recent developments and advances for improving CE-MS sensitivity and reproducibility.

An essential handbook for everyone performing metabolomic and proteomic analysis, the information provided here will assist researchers in tapping into the full potential of this technique to answer biological and clinical questions.

Perfect for analytical and clinical chemists, *Capillary Electrophoresis Mass Spectrometry for Proteomics and Metabolomics: Principles and Applications* will also earn a place in the libraries of biochemists, molecular biologists, and other molecular life scientists.



NOVEMBER 2022 400PP
978-3-527-34921-0 CL \$155.00 (Japan)
Bioanalytical Chemistry

Natural and Synthetic Waxes

Origin, Production, Technology, and Applications

ERNST KRENDLINGER

A compilation of all relevant information for the production and use of waxes in technical applications

This book is an up-to-date reference work on waxes. It includes information on wax classes, chemical and physical properties, processing technologies, and technical applications. With over 20 years of experience as a Technology and R&D Manager in the wax industry, the well-qualified author covers many key topics on the topic of waxes, such as:

- The chemistry of waxes, including their chemical composition, molecular structure and analysis
- Physical properties, such as carbon chain length distribution, dropping point, and acid number
- Synthetic waxes from fischer-tropsch processes, paraffin and amide waxes, as well as diverse wax blends and emulsions
- How these waxes are produced and applied, e.g. as micronizates or powders in printing inks or coatings
- Natural waxes, such as beeswax and sugar cane wax, and their technical importance in industry

Chemists and engineers working across a wide range of disciplines, along with professionals working in industries where waxes are a topic of interest, will be able to use this reference work to gain a complete understanding of the modern state of waxes, how they are produced, and how they can be effectively used in industrial applications.



NOVEMBER 2022 656PP
978-3-527-34222-8 CL \$193.99 (Japan)
Industrial Chemistry

Textile Dyes and Pigments

A Green Chemistry Approach

EDITOR PINTU PANDIT, EDITOR KUNAL SINGHA, EDITOR
SUBHANKAR MAITY & EDITOR SHAKEEL AHMED

Government Degree College Mendhar, India

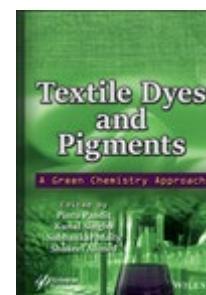
The book covers the best possible innovation and advancement in dyes and pigments for application in textile materials.

Green chemistry can be applied across the life cycle of a chemical-intensive product, including its design, manufacture, use, and ultimate disposal. Innovations to green approaches are required either by developing a whole new set of eco-friendly dyes and pigments or by developing and designing unique dyeing methods.

Textile Dyes and Pigments: A Green Chemistry Approach is a response to the many industries currently using conventional textile dyeing and pigmentation methods that are looking for sustainable green chemical options. It describes the various organic and inorganic color pigments and recent developments in vat, reactive, disperse, acid, and azo dyes and their importance in the field of green chemistry. It also covers the various challenges, opportunities, approaches, techniques, marketing, and alternative procedures/sustainable routes involved in developing textile dyes and pigments with green practices. Moreover, the book addresses the structure, process, and the nitty-gritty of modern dyes and pigments in the textile and garment sectors.

Audience

The book will be of prime interest to researchers and industry manufacturers and engineers in dyes, pigments, textile processing technology, fiber technology, and textile chemistry. It will also be an invaluable reference guide to new scholars and industry personnel who wish to learn about green dyes and pigments and their relevant application processes.



NOVEMBER 2022 512PP
978-1-119-90491-5 CL \$249.00 (Japan)
Paints, Pigments, Coatings, Dyes

Polymeric Corrosion Inhibitors for Greening the Chemical and Petrochemical Industry

EDITOR MOHAMMAD ABU JAFAR MAZUMDER, EDITOR MUMTAZ A. QURAISHI & EDITOR AMIR AL-AHMED

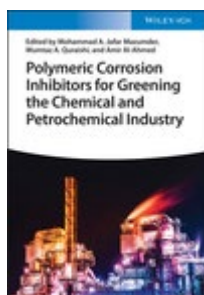
KFUPM, Saudi Arabia; King Fahd University of Petroleum and Minerals, Saudi Arabia; King Fahd University of Petroleum & Minerals (KFUPM), Saudi Arabia

Primary reference on polymeric corrosion inhibitors for researchers and professionals in the chemical and petrochemical industries

Polymeric Corrosion Inhibitors for Greening the Chemical and Petrochemical Industry provides an extensive overview of polymeric corrosion inhibitors for chemical and petrochemical industry--from design, synthesis, and characterization--to applications. The text discusses the different media in which corrosion is observed and enables readers to minimize/prevent pipes and other plant systems' failures by adequately dealing with corrosion.

Considering the high importance of corrosion inhibitors development for the chemical and petrochemical industries, this book aims to provide fundamental and current practice with comprehensive coverage of the recent advancements of green polymeric corrosion inhibitors that could be used. The text systematically presents fundamentals, up-to-date development, and industrial applications of polymeric corrosion inhibitors.

Polymeric Corrosion Inhibitors for Greening the Chemical and Petrochemical Industry is a primary reference for researchers and professionals in the material science, chemistry and electrochemistry, chemical, mechanical, and metallurgical engineering industries who wish to counter the economic and environmental consequences of corrosion in various plant systems.



NOVEMBER 2022 416PP
978-3-527-34992-0 CL \$185.00 (Japan)
Petrochemistry / Fuel

Asymmetric Organocatalysis

New Strategies, Catalysts, and Opportunities, 2 Volumes

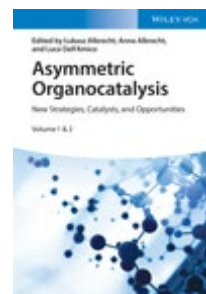
EDITOR LUKASZ ALBRECHT, EDITOR ANNA ALBRECHT & EDITOR LUCA DELL'AMICO

Comprehensive resource on the latest and most important developments in the highly vivid field of asymmetric organocatalysis

The book provides a comprehensive overview of the most important advancements in the field of asymmetric organocatalysis that have occurred within the last decade. It presents valuable examples of newly developed synthetic methodologies based on various organocatalytic activation modes. Special emphasis is given to strategies where organocatalysis is expanding its potential by pushing the boundaries and founding new synergistic interactions with other fields of synthetic chemistry, such as metal catalysis, photocatalysis, and biocatalysis. The application of different concepts (such as vinylogy, dearomatization, or cascade reactivity), resulting in the development of new functionalization strategies, is also discussed. Sample topics covered within the book include:

- New developments in enantioselective Brønsted acid catalysis with strong hydrogen-bond donors
- Asymmetric phase-transfer catalysis, from classical applications to new concepts
- Halogen-bonding organocatalysis
- Asymmetric electrochemical organocatalysis and synergistic organo-organocatalysis
- Immobilized organocatalysts for enantioselective continuous flow processes
- Mechanochemistry and high-pressure techniques in asymmetric organocatalysis
- Useful tools in elucidation of organocatalytic reaction mechanisms

With an overall focus on new reactions and catalysts, this two-volume work is an indispensable source for everyone working in the field of asymmetric organocatalysis.



NOVEMBER 2022 896PP
978-3-527-34907-4 CL \$400.00 (Japan)
Catalysis

Heterogeneous Nanocatalysis for Energy and Environmental Sustainability, Volume 1: Energy Applications

EDITOR PUTLA SUDARSANAM, EDITOR YUSUKE YAMAUCHI & EDITOR PANKAJ BHARALI

An essential companion for catalysis researchers and professionals studying economically viable and eco-friendly catalytic strategies for energy conversion

In the two-volume *Heterogeneous Nanocatalysis for Energy and Environmental Sustainability*, a team of distinguished researchers deliver a comprehensive discussion of fundamental concepts in, and practical applications of, heterogeneous nanocatalysis for alternative energy production, biomass conversion, solar energy, green fuels, H₂ production, fuel cells, electrochemical energy conversion processes, CO₂ conversion, clean water, and environmental protection.



The volumes cover the design and catalytic performance of various nanocatalysts, including nanosized metals and metal oxides, supported metal nanoparticles, inverse oxide-metal nanocatalysts, core-shell nanocatalysts, nanoporous zeolites, nanocarbon composites, and metal oxides in confined spaces. Each chapter contains a critical discussion of the opportunities and challenges posed by the use of nanosized catalysts for practical applications.

Volume 1 -- Energy Applications focuses on the conversion of renewable energy (biomass/solar) into green fuels and chemicals, ammonia synthesis, clean hydrogen production, and electrochemical energy conversion processes using a variety of nanosized catalysts.

It also offers:

- A thorough introduction to heterogeneous catalysis and nanocatalysis, as well as a discussion of catalytic active sites at nano-scale range
- Comprehensive explorations of the methods for control and activation of nanosized catalysts
- Practical discussions of C₃N₄-based nanohybrid catalysts for solar hydrogen production via water splitting
- Nanosized catalysts in visible light photocatalysis for sustainable organic synthesis
- Applications of MXenes in electrocatalysis

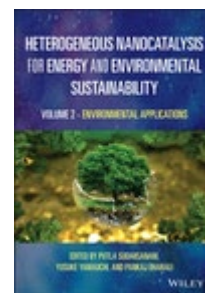
Perfect for researchers, postgraduate students, chemists, and engineers interested in heterogeneous catalysis and nanocatalysis, *Heterogeneous Nanocatalysis for Energy and Environmental Sustainability* will also earn a place in the libraries of professionals working in alternative energy production, biomass conversion, solar energy, green fuels, H₂ production, fuel cells, electrochemical energy conversion processes, CO₂ conversion, clean water, and environmental protection.

NOVEMBER 2022 384PP
978-1-119-77199-9 CL \$185.00 (Japan)
Catalysis

Heterogeneous Nanocatalysis for Energy and Environmental Sustainability, Volume 2: Environmental Applications

EDITOR PUTLA SUDARSANAM, EDITOR YUSUKE YAMAUCHI & EDITOR PANKAJ BHARALI

Explore the environmental applications of heterogeneous nanocatalysis in the field of alternative energy production! In Volume 2: Environmental Applications of Heterogeneous Nanocatalysis for Energy and Environmental Sustainability, a team of distinguished researchers discusses the foundational concepts and practical applications of heterogeneous nanocatalysis for alternative energy production. Volume 2 focuses on the purification of auto exhaust pollutants and volatile organic compounds, as well as CO₂ conversion and wastewater treatment over a range of nano-sized catalysts.



NOVEMBER 2022 352PP
978-1-119-77202-6 CL \$185.00 (Japan)
Catalysis

Safety and Health for Engineers

4th Edition

ROGER L. BRAUER

A comprehensive resource for making products, facilities, processes, and operations safe for workers, users, and the public



Ensuring the health and safety of individuals in the workplace is vital on an interpersonal level but is also crucial to limiting the liability of companies in the event of an onsite injury. The Bureau of Labor Statistics reported over 4,700 fatal work injuries in the United States in 2020, most frequently in transportation-related incidents. The same year, approximately 2.7 million workplace injuries and illnesses were reported by private industry employers. According to the National Safety Council, the cost in lost wages, productivity, medical and administrative costs is close to 1.2 trillion dollars in the US alone. It is imperative by law and ethics for engineers and safety and health professionals to drive down these statistics by creating a safe workplace and safe products, as well as maintaining a safe environment.

Safety and Health for Engineers is considered the gold standard for engineers in all specialties, teaching an understanding of many components necessary to achieve safe workplaces, products, facilities, and methods to secure safety for workers, users, and the public. Each chapter offers information relevant to help safety professionals and engineers in the achievement of the first canon of professional ethics: to protect the health, safety, and welfare of the public. The textbook examines the fundamentals of safety, legal aspects, hazard recognition and control, the human element, and techniques to manage safety decisions. In doing so, it covers the primary safety essentials necessary for certification examinations for practitioners.

Safety and Health for Engineers is an ideal textbook for courses in safety engineering around the world in undergraduate or graduate studies, or in professional development learning. It also is a useful reference for professionals in engineering, safety, health, and associated fields who are preparing for credentialing examinations in safety and health.

NOVEMBER 2022 672PP
978-1-119-80229-7 CL \$149.95 (Japan)
CHEMICAL AND ENVIRONMENTAL HEALTH AND SAFETY

System Safety for the 21st Century

2nd Edition

RICHARD A. STEPHANS

ARES Corporation, USA

Explore an authoritative and complete exploration of basic and advanced concepts in system safety engineering



The Second Edition of *System Safety for the 21st Century* delivers an authoritative primer on the identification, evaluation, analysis, and control of hazards to people, components, sub-systems, systems, processes, and facilities. The book offers readers a complete discussion on techniques within system safety, the discipline on process safety, as well as a comprehensive treatment on professionalism within the safety industry.

This new edition applies the concepts of system safety to medical disciplines and medical devices, offering readers the potential to have a significantly positive impact on the standing of American medical safety in the world. The latest edition also includes:

- A brand-new chapter on the risk management with current international and U.S. government standards
- New material on process safety including EPA and OSHA implementation and external reviews
- An Instructor Solutions Manual that includes course content and 30 chapters of review questions and answers
- Further clarifications on difficult concepts from the First Edition with updated appendices and references

Relevant to academia, industry, and government, *System Safety for the 21st Century* is an essential resource for anyone studying or implementing and managing proactive hazard identification and risk control techniques and procedures.

NOVEMBER 2022 416PP
978-1-119-63475-1 CL \$149.95 (Japan)
CHEMICAL AND ENVIRONMENTAL HEALTH AND SAFETY

Drug Disposition and Pharmacokinetics

Principles and Applications for Medicine,
Toxicology and Biotechnology, 2nd Edition

STEPHEN H. CURRY & ROBIN WHELPTON

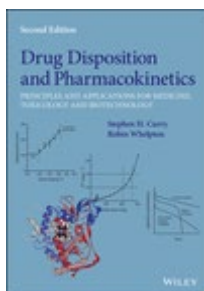
University of Florida, Gainesville; The London Hospital Medical
College, UK

**The most up-to-date edition of a
leading reference in drug disposition
and pharmacokinetics**

In this new, fully-revised edition of *Drug Disposition and Pharmacokinetics: Principles and Applications for Medicine, Toxicology and Biotechnology* the authors deliver an authoritative and comprehensive discussion of the fate of drug molecules in the body, as well as its implications for pharmacological and clinical effects. The text offers a unique and balanced approach that combines discussion of the specific physical and biological factors affecting the absorption, distribution, metabolism, and excretion of drugs, with mathematical assessments of plasma and body fluid concentrations. The book assumes little prior knowledge and is an ideal reference for practicing professionals in industry as well as researchers and academics.

This latest edition provides readers with a new introductory chapter, as well as new chapters covering monoclonal antibodies, the role of stereochemistry in drug disposition and pharmacokinetics, DMPK in non-human species, and the recent use of AI in drug development.

Perfect for professionals and researchers working with the scientific aspects of drug disposition in human and veterinary medicine, toxicology, and pharmacology. *Drug Disposition and Pharmacokinetics* will earn a place in the libraries of students of senior-level courses in pharmacy.



Animal Models for the Development of Cancer Immunotherapy

EDITOR SENG-LAI TAN

**Provides readers with a clear
understanding of the value and
challenges of using common and
emerging preclinical models in cancer
immunotherapy research and
development.**

Animal models are essential tools for studying a range of issues in preclinical and clinical research on therapies targeting cancerous tumors. As clinical trials of advances in cancer immunotherapy are predicted to outpace preclinical research in the near future, there remains an urgent need to develop better animal models for preclinical evaluation of novel modulators. *Animal Models for the Development of Cancer Immunotherapy* provides a detailed overview of different preclinical model systems for development of novel cancer immunotherapies while highlighting how key aspects of individual models translate into clinical findings.

Covering the introduction, development, and therapeutic applications of animal models for cancer immunotherapy, this comprehensive volume helps pharmacologists identify suitable animal models, design pharmacological or translational studies, and advance their mechanistic understanding of therapeutic agents, and increase the possibility of success for novel immunotherapies in clinical settings. Chapters written by prominent leaders in the field address specific models that evaluate immuno-oncology drugs are supported by in-depth case studies and extensive references throughout.

Animal Models for the Development of Cancer Immunotherapy is an essential resource for scientists and researchers in the pharmaceutical and biotechnology industries, medicinal chemists and biochemists, cell and molecular biologists, pharmacologists, immunologists, and clinicians.



NOVEMBER 2022 528PP
978-1-119-58843-6 CL \$190.00 (Japan)
PHARMACEUTICAL & MEDICINAL CHEMISTRY

NOVEMBER 2022 320PP
978-1-119-53528-7 CL \$175.00 (Japan)
Drug Discovery & Development

Fundamentals of Drug Development

JEFFREY S. BARRETT

Enables readers to understand the process of pharmaceutical research, its regulatory basis, and how it fits into the global healthcare environment

This book discusses how to conduct pharmaceutical research and the context for how the industry fits into global healthcare. Holistically, the well-qualified author helps readers and students of drug development appreciate the time and expense of the process. Specifically, the work identifies the emerging trends shaping the future of drug development, along with important related topics like generic drugs, data sharing, and collaboration.

To aid in seamless reader comprehension, the book includes a glossary of terms and a self-assessment quiz for each chapter at the end. PowerPoint slides are also available as an online ancillary for adopting professors. Sample topics covered in the book include:

- Drug development and its phases
- Decision-making processes, drug development milestones, and compound progression metrics
- The various disciplines involved along with an assessment of the complexity and risks associated across the stages of development
- Differences in the nature and scope of development programs due to the therapeutic area of interest
- Associated costs and resources required

Graduate students and professors teaching courses in drug development, drug discovery, pharmaceuticals, medicinal chemistry, and drug synthesis will be able to use this book as a complete resource for understanding all the complexities and nuances involved in the drug development process.

NOVEMBER 2022 512PP
978-1-119-69169-3 CL \$115.00 (Japan)
Drug Discovery & Development



Metal Nano 3D Superlattices

Synthesis, Properties, and Applications

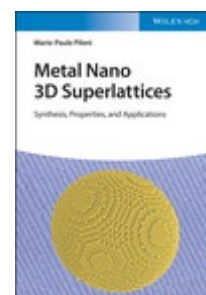
MARIE-PAULE PILENI

Universite P et M Curie, Paris,

Unique view on producing metal nano 3D superlattices by differing their morphologies, crystalline structures, chemical, and physical properties

After presenting an overview on the various factors involved in producing metal 3D superlattices called supracrystals by differing their morphologies, crystalline structures, chemical, and physical properties, *Metal Nano 3D Superlattices: Synthesis, Properties, and Applications* reveals the limitations faced by the system and the potential research required to improve the system. Readers will gain insight into the various approaches on the production and on the chemical and physical properties of nanocrystals self-assembled in 3D superlattices also called colloidal crystals, supra or super crystals. They are composed by either one or two components, thus opening up new avenues of research and potentially aiding in major progress. Overall, the work reviews the progress of and gives perspective on assembled nanocrystals, with a concentrated focus on self-assemblies of metal nanocrystals.

Metal Nano 3D Superlattices offers a deep dive into their synthesis, chemical and physical properties, and applications and is an essential resource for inorganic chemists, materials scientists, physical chemists, surface chemists, and medicinal chemists conducting research related to or involved in the practical application of the topics covered within.



NOVEMBER 2022 464PP
978-3-527-34477-2 CL \$185.00 (Japan)
Inorganic Chemistry

Aromaticity and Antiaromaticity

Basics and Applications

MIQUEL SOLÀ, ALEXANDER I. BOLDYREV, MICHAL K. CYRAŃSKI,
T. MAREK KRYGOWSKI & GABRIEL MERINO

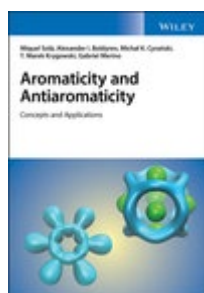
A comprehensive review of the science of aromaticity, as well as its evolution, from benzene to atomic clusters

In *Aromaticity and Antiaromaticity: Concepts and Applications*, a team of accomplished chemists delivers a comprehensive exploration of the evolution and critical aspects of aromaticity. The book examines the new global criteria used to evaluate aromaticity, including the Nucleus Independent Chemical Shift (NICS) index and the electronic indices based on electronic properties.

Additional discussions of inorganic aromatic compounds developed in this century, which give rise to new concepts like multifold aromaticity, are included. Three-dimensional aromaticity found in fullerenes and nanotubes, Möbius aromaticity present in some annulenes, and excited state aromaticity are explored as well.

This volume explores the geometrical, electronic, magnetic, and thermodynamic characteristics of aromatic and antiaromatic compounds and their reactivity properties.

Perfect for graduate students, researchers, and academics interested in aromaticity, organometallic chemistry, and computational chemistry, *Aromaticity and Antiaromaticity: Concepts and Applications* will also earn a place in the libraries of professionals and researchers working in organic, inorganic, and physical chemistry.



Electrochemical Methods

Fundamentals and Applications 3e,

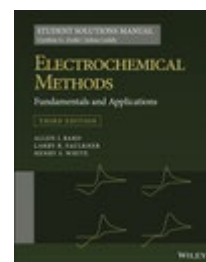
Student Solutions Manual

CYNTHIA G. ZOSKI, JOHNA LEDDY, ALLEN J. BARD, LARRY R.
FAULKNER & HENRY S. WHITE

University of Texas at Austin; University of Illinois, Urbana

Provides students with solutions to problems in the 3rd edition of the classic textbook Electrochemical Methods: Fundamentals and Applications

Electrochemical Methods is a popular textbook on electrochemistry that takes the reader from the most basic chemical and physical principles, through fundamentals of thermodynamics, kinetics, and mass transfer, all the way to a thorough treatment of all important experimental methods. Holistically, it offers comprehensive coverage of all important topics in the field. To aid in reader comprehension, exercises are included at the end of each chapter which extend concepts introduced in the text or show how experimental data are reduced to fundamental results. This book provides worked solutions for many of the end-of-chapter exercises and is a key resource for any student who makes use of the original textbook.



NOVEMBER 2022 200PP
978-1-119-52406-9 PB \$69.95 (Japan)
ELECTROCHEMISTRY

NOVEMBER 2022 352PP
978-1-119-08589-8 CL \$160.00 (Japan)
Organic Chemistry

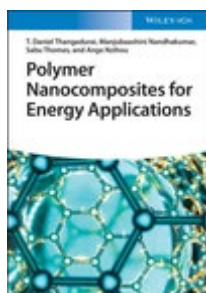
Polymer Nanocomposites for Energy Applications

T. DANIEL THANGADURAI, N. MANJUBAASHINI, SABU THOMAS & ANGE NZIHOU

Mahatma Gandhi University

Explore the science of polymer nanocomposites and their practical use in energy applications

In *Polymer Nanocomposites for Energy Applications*, a team of distinguished researchers delivers a comprehensive review of the synthesis and characterization of polymer nanocomposites, as well as their applications in the field of energy. Succinct and insightful, the book explores the storage of electrical, magnetic, and thermal energy and hydrogen. It also discusses energy generation by polymer-based solar cells. Finally, the authors present a life cycle analysis of polymer nanocomposites for energy applications and provide four real-world case studies where these materials have been successfully used.



Readers will also find:

- Thorough introductions to the origins and synthesis of polymer materials
- In-depth discussions of the characterization of polymeric materials, including UV-visible spectroscopy
- Comprehensive explorations of a wide variety of polymer material applications, including in biotechnology and for soil remediation
- Fulsome presentations of polymer nanocomposites and their use in energy storage systems

Perfect for materials and engineering scientists and polymer chemists, *Polymer Nanocomposites for Energy Applications* will also earn a place in the libraries of professionals working in the chemical industry.

NOVEMBER 2022 272PP
978-3-527-35048-3 CL \$167.89 (Japan)
Batteries & Fuel Cells

Recycling of Power Lithium-Ion Batteries

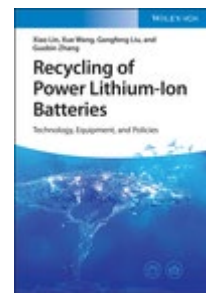
Technology, Equipment, and Policies

XIAO LIN, XUE WANG, GANGFENG LIU & GUOBIN ZHANG

Aachen University of Technology, Aachen, Germany

Explore the past, present, and future of power lithium-ion battery recycling, from the governing regulatory framework to predictions of the future of the industry

In *Recycling of Power Lithium-Ion Batteries: Technology, Equipment, and Policies*, a team of distinguished researchers and engineers delivers an authoritative and illuminating exploration of the industrial status and development trends in the global power lithium-ion battery sector. The book examines the development of advanced battery materials and new recycling technologies, as well as typical case studies in enterprise battery recycling. The authors provide a roadmap to the development of spent power battery recycling enterprises that can provide support to the sustainable development industry.



Recycling of Power Lithium-Ion Batteries discusses a wide variety of topics with immediate applications to modern industry, including new application scenarios for power lithium-ion batteries, as well as an examination of the laws, regulations, and standards governing battery recycling.

Perfect for materials scientists, environmental chemists, and power technology engineers, *Recycling of Power Lithium-Ion Batteries: Technology, Equipment, and Policies* will also earn a place in the libraries of chemical and process engineers, electrochemists, and professionals working at waste disposal sites.

NOVEMBER 2022 272PP
978-3-527-35108-4 CL \$145.00 (Japan)
Batteries & Fuel Cells

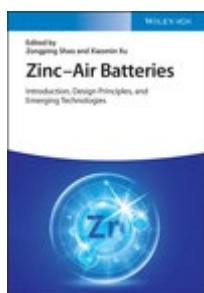
Zinc-Air Batteries

Introduction, Design Principles and Emerging Technologies

EDITOR ZONGPING SHAO & EDITOR XIAOMIN XU

Authoritative and comprehensive resource covering foundational knowledge of zinc--air batteries as well as their practical applications

Zinc--Air Batteries provides a comprehensive understanding of the history and development of Zn--air batteries, with a systematic overview of components, design, and device innovation, along with recent advances in the field, especially with regards to the cathode catalyst design made by cutting-edge materials, engineering processes, and technologies.



In particular, design principles regarding the key components of Zn--air batteries, ranging from air cathode, to zinc anode, and to electrolyte, are emphasized. Furthermore, industrial developments of Zn--air batteries are discussed and emerging new designs of ZABs are also introduced. The authors argue that designing advanced Zn--air battery technologies is important to the realization of efficient energy storage and conversion--and, going further, eventually holds the key to a sustainable energy future and a carbon-neutral goal.

For students, researchers, and instructors working in battery technologies, materials science, and electrochemistry, and for industry and government representatives for decision making associated with energy and transportation, *Zinc--Air Batteries* summarizes the research results on Zn--air batteries and thereby helps researchers and developers to implement the technology in practice.

DECEMBER 2022 320PP
978-3-527-35046-9 CL \$160.00 (Japan)
Batteries & Fuel Cells

A Companion to the Achaemenid Persian Empire

EDITOR BRUNO JACOBS & EDITOR ROBERT ROLLINGER

University of Basel; University of Innsbruck

A comprehensive review of the political, cultural, social, economic and religious history of the Achaemenid Empire

Often called the first world empire, the Achaemenid Empire is rooted in older Near Eastern traditions. *A Companion to the Achaemenid Persian Empire* offers a perspective in which the history of the empire is embedded in the preceding and subsequent epochs. In this way, the traditions that shaped the Achaemenid Empire become as visible as the powerful impact it had on further historical development. But the work does not only break new ground in this respect, but also in the fact that, in addition to written testimonies of all kinds, it also considers material tradition as an equal factor in historical reconstruction. This comprehensive two-volume set features contributions by internationally-recognized experts that offer balanced coverage of the whole of the empire from Anatolia and Egypt across western Asia to northern India and Central Asia.

Comprehensive in scope, the Companion provides readers with a panoramic view of the diversity, richness, and complexity of the Achaemenid Empire, dealing with all the many aspects of history, event history, administration, economy, society, communication, art, science and religion, illustrating the multifaceted nature of the first true empire.

Part of the acclaimed *Blackwell Companions to the Ancient World* series, *A Companion to the Achaemenid Persian Empire* is an indispensable work for students, instructors, and scholars of Persian and ancient world history, particularly the First Persian Empire.

SERIES: BLACKWELL COMPANIONS TO THE ANCIENT WORLD

NOVEMBER 2024 UnknownPP
978-1-119-11367-6 PB \$54.95 (Japan)
9781119174288 CL \$420.00 (Japan), Published Nov 2021
Ancient & Classical Studies

コンピューティング

TI-84 Plus CE Graphing Calculator For Dummies

3rd Edition

JEFF MCCALLA, CORDOVA, UNITED STATES

St. Mary's Episcopal School in Memphis, TN

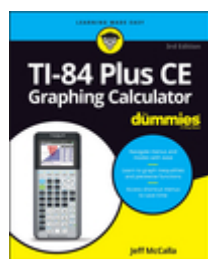
You and your trusty TI-84+ can ace math, together

Graphing calculators are an essential tool in many high school and college math courses. *TI-84 Plus CE Graphing Calculator For Dummies* teaches you how to use these handy little machines with confidence, for basic math and far, far beyond. Packed with insider tips, common mistakes to avoid, and updates on the newest products available, this is the must-have reference to get the most out of your graphing calculator. You'll learn how to navigate the home screen, menus, and mode settings. And we'll teach you how to use your calculator to, uh, do math--starting with basic arithmetic functions and stepping up through matrices, complex numbers, and beyond. You can even learn about probability and how to conduct statistical data analysis with your TI-84+. Get graphing!

- Grasp the basics of using your TI-84+ graphing calculator
- Learn how to use shortcut menus to enter fractions, matrices and logarithms (with a change of base!)
- Figure out how to make charts, scatter plots, and more
- Get started programming in Python on the new TI-84 Plus CE Python Edition
- If you have the older TI-84+, look for tips that point out keystroke and functionality differences

This edition of *TI-84 Plus CE Graphing Calculator For Dummies* lets you do everything there is to do with the very latest TI-84+ models. Whatever kind of math you're doing, you'll get some quality screen time in, thanks to Dummies.

NOVEMBER 2022 UnknownPP
978-1-119-88760-7 PB \$29.99 (Japan)
COMPUTER PERIPHERALS (PRINTERS, MODEMS, SCANNERS, ETC.)

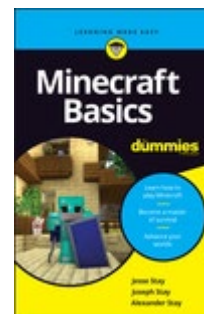


Minecraft Basics For Dummies

JESSE STAY, TAYLORSVILLE, JOSEPH STAY & ALEX STAY

The easy way to get started with Minecraft

Want to creep into the biggest video game of all time? Grab your pickaxe and let's go! *Minecraft Basics For Dummies* helps you (or your kids) get started and join the infinite online world that keeps millions of players of all ages engaged every day. Inside this portable-trim book, crafters will get all the tips and tricks needed to get started--on their own or with multiple players--in each of the three gameplay modes.



- Choose a platform and download the game
- Navigate, collect resources, and build structures
- Defend your creations against monsters
- Manage parental controls to keep kids safe while playing online
- Become a Minecraft master by defeating the Ender Dragon

Unleash your creativity, elevate family game night, and have a ton of fun joining more than 141 million players in the online world of Minecraft!

NOVEMBER 2022 240PP
978-1-119-90748-0 PB \$19.99 (Japan)
COMPUTER GAME SOFTWARE

Twitch For Dummies

2nd Edition

TEE MORRIS, BRISTOW, UNITED STATES & FOREWORD BY EMMIE MONTGOMERY

negaoryx

Find your own streaming success with Dummies

Twitch For Dummies will get you up to date with Twitch, the breakthrough streaming platform where you can set up a channel, increase your viewership, and find your people. Step-by-step guides and helpful, real-life examples get you ready to go live and, who knows, maybe even earn a little money while having fun online. Check out this new edition for all the details on the new Creator Dashboard interface, streaming in the metaverse, and details you need to know to get the world watching. This handy reference even covers the latest Twitch integrations for streaming from your mobile devices. Community-based entertainment has never been hotter, and Dummies shows you how to get on board.



- Discover why the streaming platform Twitch is taking the world by storm
- Set up your first channel, stream gameplay, create highlight reels, and find viewers
- Understand the ad revenue structure so you can earn cash from your stream
- Get current on going live from the latest console models to Virtual Reality

This is the perfect Dummies guide for new and established Twitch streamers who want to improve their audience and skills.

NOVEMBER 2022 336PP
978-1-119-90157-0 PB \$29.99 (Japan)
COMPUTER GAME SOFTWARE

Computer Science Security

Concepts and Tools

AMEUR SALEM ZAIDOUN

This book serves as a guide to help the reader develop an awareness of security vulnerabilities and attacks, and encourages them to be circumspect when using the various computer resources and tools available today. For experienced users, Computer Science Security presents a wide range of tools to secure legacy software and hardware.



Computing has infiltrated all fields nowadays. No one can escape this wave and be immune to security attacks, which continue to evolve, gradually reducing the level of expertise needed by hackers.

It is high time for each and every user to acquire basic knowledge of computer security, which would enable them to mitigate the threats they may face both personally and professionally. It is this combined expertise of individuals and organizations that will guarantee a minimum level of security for families, schools, the workplace and society in general.

NOVEMBER 2022 208PP
978-1-78630-755-2 CL \$165.00 (Japan)
General & Introductory Computer Science

Teach Yourself VISUALLY Python

GUY HART-DAVIS, BARNARD CASTLE, UNITED KINGDOM & TED HART-DAVIS

A simple, straightforward, and hands-on roadmap to the world of computer programming with Python

Teach Yourself VISUALLY: Python is your personal guide to getting you started in programming. As one of the world's most popular--and most accessible--coding languages, Python is your gateway into the wide and wonderful world of computer science. This hands-on guide walks you through Python step by clearly illustrated step, from writing your very first Python code in a terminal window or the VS Code app through to creating your own lists, dictionaries, and custom classes.



In the book, you'll learn to:

- Install Python and the tools you need to work with it on Windows, macOS, and Linux
- Work with files and folders, manipulate text, and create powerful functions that do exactly what you want
- Write clean code that makes decisions effectively, repeats actions as needed, and handles any errors that occur

A must-have resource for aspiring programmers starting from the very beginning, *Teach Yourself VISUALLY: Python* is also an indispensable handbook for programmers making a transition from another language.

SERIES: TEACH YOURSELF VISUALLY (TECH)

NOVEMBER 2022 304PP
978-1-119-86025-9 PB \$30.00 (Japan)
Programming & Software Development

Data Conscience

Algorithmic Siege on our Humanity

BRANDEIS HILL MARSHALL & FOREWORD BY TIMNIT GEBRU

Rensselaer Polytechnic Institute; University of Rochester;
Distributed Artificial Intelligence Research Institute

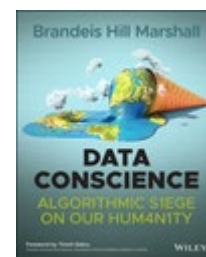
Social justice meets data science in this startlingly insightful take on how to improve the world of tech

In *Data Conscience: Algorithmic Siege on our Humanity*, data inclusivity strategist and expert Dr. Brandeis Marshall delivers an incisive and eye-opening discussion of how to fix tech's dominant philosophy of "move fast and break things" with a renewed focus on equity and oppression. In the book, the author explores how to address discrimination in the digital data space with several known algorithms, including social network analysis, linear regression and sentiment analysis.

Rebel tech leaders who want to build a better, more ethical world, will also find:

- Expansive discussions of the importance of transparency and how to put computational thinking into practice
- Strategies for encouraging accountability in tech and making misleading data visualization a thing of the past
- Governance strategies--based on law, algorithms and forever learning--that can improve the way we interact with data

Perfect for junior software developers who have begun to dip their toes into the "real world," *Data Conscience* will earn a place in the libraries of anyone interested in the intersection of social justice and data science.



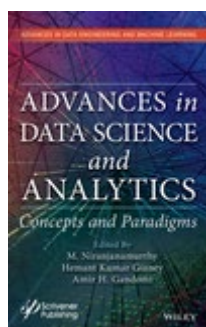
NOVEMBER 2022 352PP
978-1-119-82118-2 PB \$40.00 (Japan)
Database & Data Warehousing Technologies

Advances in Data Science and Analytics

Concepts and Paradigms

M. NIRANJANAMURTHY, HEMANT KUMAR GIANEY & AMIR H. GANDOMI

Data science is an inter-disciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from many structural and unstructured data. Data science is related to data mining, deep learning and big data. Data analytics software is a more focused version of this and can even be considered part of the larger process. Analytics is devoted to realizing actionable insights that can be applied immediately based on existing queries. For the purposes of this volume, data science is an umbrella term that encompasses data analytics, data mining, machine learning, and several other related disciplines. While a data scientist is expected to forecast the future based on past patterns, data analysts extract meaningful insights from various data sources. Although data mining and other related areas have been around for a few decades, data science and analytics are still quickly evolving, and the processes and technologies change, almost on a day-to-day basis. This volume provides an overview of some of the most important advances in these areas today, including practical coverage of the daily applications. Valuable as a learning tool for beginners in this area as well as a daily reference for engineers and scientists working in these areas, this is a must-have for any library.



NOVEMBER 2022 UnknownPP
978-1-119-79188-1 CL \$195.00 (Japan)
Data Mining & Knowledge Discovery

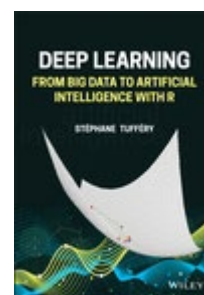
Deep Learning

From Big Data to Artificial Intelligence with R

STEPHANE S. TUFFERY

A concise and practical exploration of key topics and applications in data science

In *Deep Learning, from Big Data to Artificial Intelligence*, expert researcher Dr. Stéphane Tufféry delivers an insightful discussion of the applications of deep learning and big data that focuses on practical instructions on various software tools and deep learning methods relying on three major libraries: MXNet, PyTorch, and Keras-TensorFlow. In the book, numerous, up-to-date examples are combined with key topics relevant to modern data scientists, including processing optimization, neural network applications, natural language processing, and image recognition.



This is a thoroughly revised and updated edition of a book originally released in French, with new examples and methods included throughout. Classroom-tested and intuitively organized, *Deep Learning, from Big Data to Artificial Intelligence* offers complimentary access to a companion website that provides R and Python source code for the examples offered in the book.

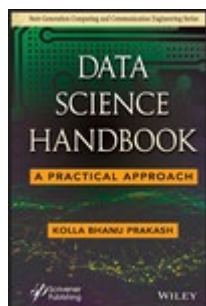
Perfect for graduate students studying data science, big data, deep learning, and artificial intelligence, *Deep Learning, from Big Data to Artificial Intelligence* will also earn a place in the libraries of data science researchers and practicing data scientists.

NOVEMBER 2022 608PP
978-1-119-84501-0 CL \$100.00 (Japan)
Data Mining & Knowledge Discovery

Data Science Handbook

EDITOR KOLLA BHANU PRAKASH

The book starts with introductory concepts in data science like data munging, data preparation, transforming data. Chapter 2 discusses data visualization, drawing various plots and histograms. Chapter 3 covers mathematics and statistics for data science. Chapter 4 mainly focuses on machine learning algorithms in data science. Chapter 5 comprises outlier analysis and DBSCAN algorithm. Chapter 6 focuses on clustering. Chapter 7 discusses network analysis. Chapter 8 mainly focuses on regression and naive-bayes classifier. Chapter 9 covers web-based data visualizations with Plotly. Chapter 10 discusses web scraping. The remainder of the book discusses various projects in data science.



NOVEMBER 2022 480PP
978-1-119-85733-4 CL \$195.00 (Japan)
Artificial Intelligence

Blockchain Security from the Bottom Up

Securing and Preventing Attacks on Cryptocurrencies, Decentralized Applications, NFTs, and Smart Contracts

HOWARD E. POSTON III, DAYTON

The gold standard in up-to-date blockchain cybersecurity handbooks

In *Blockchain Security from the Bottom Up: Securing and Preventing Attacks on Cryptocurrencies, Decentralized Applications, NFTs, and Smart Contracts*, accomplished blockchain and



cybersecurity consultant and educator Howard E. Poston delivers an authoritative exploration of blockchain and crypto cybersecurity. In the book, the author shows you exactly how cybersecurity should be baked into the blockchain at every layer of the technology's ecosystem. You'll discover how each layer can be attacked and learn how to prevent and respond to those attacks in an environment of constant technological change and evolution.

You'll also find:

- Illuminating case studies of real-world attacks and defenses at various layers in the blockchain ecosystem
- Thorough introductions to blockchain technology, including its implementations in areas like crypto, NFTs, and smart contracts
- Comprehensive explorations of critical blockchain topics, including protocols, consensus, and proof of work

A can't-miss resource for blockchain and cybersecurity professionals seeking to stay on the cutting-edge of a rapidly evolving area, *Blockchain Security from the Bottom Up* will also earn a place on the bookshelves of software developers working with cryptocurrencies and other blockchain implementations.

NOVEMBER 2022 176PP
978-1-119-89629-6 PB \$30.00 (Japan)
Computer Security & Cryptography

Cybersecurity Law

3rd Edition

JEFF KOSSEFF

Learn to protect your clients with this definitive guide to cybersecurity law in this fully-updated third edition

Cybersecurity is an essential facet of modern society and as a result, the application of security measures that ensure the confidentiality, integrity, and availability of data is crucial.

Cybersecurity can be used to protect assets of all kinds, including data, desktops, servers, buildings, and most importantly, humans. Understanding the ins and outs of the legal rules governing this important field is vital for any lawyer or other professionals looking to protect these interests.

The thoroughly revised and updated *Cybersecurity Law* offers an authoritative guide to the key statutes, regulations, and court rulings that pertain to cybersecurity, reflecting the latest legal developments on the subject. This comprehensive text deals with all aspects of cybersecurity law, from data security and enforcement actions to anti-hacking laws, from surveillance and privacy laws to national and international cybersecurity law. New material in this latest edition includes many expanded sections, such as the addition of more recent FTC data security consent decrees, including Zoom, SkyMed, and LifeLock.

Cybersecurity Law is an ideal textbook for undergraduate and graduate level courses in cybersecurity, cyber operations, management-oriented information technology (IT), and computer science. It is also a useful reference for IT professionals, government personnel, business managers, auditors, cybersecurity insurance agents, and academics in these fields, as well as academic and corporate libraries that support these professions.



NOVEMBER 2022 880PP
978-1-119-82216-5 CL \$114.95 (Japan)
COMPUTER SECURITY & CRYPTOGRAPHY

Project Zero Trust

A Story about a Strategy for Aligning Security and the Business

GEORGE FINNEY & FOREWORD BY JOHN KINDERVAG

Implement Zero Trust initiatives efficiently and effectively

In *Project Zero Trust: A Story About a Strategy for Aligning Security and the Business*, George Finney, Chief Security Officer at Southern Methodist University, delivers an insightful and practical discussion of Zero Trust implementation. Presented in the form of a fictional narrative involving a breach at a company, the book tracks the actions of the company's new IT Security Director.

Readers will learn John Kindervag's 5-Step methodology for implementing Zero Trust, the four Zero Trust design principles, and how to limit the impact of a breach. They'll also find:

- Concrete strategies for aligning your security practices with the business
- Common myths and pitfalls when implementing Zero Trust and how to implement it in a cloud environment
- Strategies for preventing breaches that encourage efficiency and cost reduction in your company's security practices

Project Zero Trust is an ideal resource for aspiring technology professionals, as well as experienced IT leaders, network engineers, system admins, and project managers who are interested in or expected to implement zero trust initiatives.



NOVEMBER 2022 224PP
978-1-119-88484-2 PB \$28.00 (Japan)
Computer Security & Cryptography

コミュニケーション

Digital Dictionary

MARIE CAULI, LAURENCE FAVIER & JEAN-YVES JEANNAS

"Digital age", "digital society", "digital civilization": many expressions are used to describe the major cultural transformation of our contemporary societies.

Digital Dictionary presents the multiple facets of this phenomenon, which was born of computers and continues to permeate all human activity as it progresses at a rapid pace. In this multidisciplinary work, experts, academics and practitioners invite us to discover the digital world from various technological and societal perspectives.



In this book, citizens, trainers, political leaders or association members, students and users will find a base of knowledge that will allow them to update their understanding and become stakeholders in current societal changes.

NOVEMBER 2022 384PP
978-1-78630-788-0 CL \$165.00 (Japan)
Computer Science Special Topics

Creativity

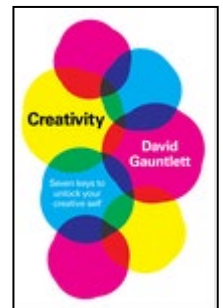
Seven Keys to Unlock your Creative Self

DAVID GAUNTLETT

University of Westminster

READERSHIP: This book is for anyone who wants to unlock their creativity, and to build richer ways of considering their creative practice, whether that is music, art, writing, coding or anything else.

NOVEMBER 2022 272PP
978-1-5095-5410-2 CL \$69.95 (Japan)
978-1-5095-5411-9 PB \$24.95 (Japan)
Media Studies



Race and Digital Media

An Introduction

LORI KIDO LOPEZ

READERSHIP: Undergraduates and graduates in Media, Communication as well as Sociology; scholars and general readers not familiar with the area and interested in getting a summary of the state of scholarship.



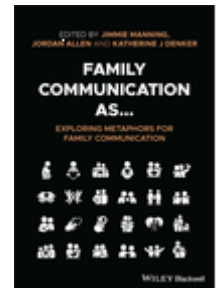
NOVEMBER 2022 224PP
978-1-5095-4692-3 CL \$70.00 (Japan)
978-1-5095-4693-0 PB \$22.50 (Japan)
Media Studies

Family Communication as... Exploring Metaphors for Family Communication

JIMMIE MANNING, JORDAN ALLEN & KATHERINE J DENKER

An innovative textbook that presents a novel and compelling examination of family communication studies

Family Communication as... Exploring Metaphors for Family Communication presents a series of metaphors through which students explore the nuances and complexities of family interaction. With a unique approach to the foundational theories and real-world practices of family communication, this easily accessible textbook helps students develop a clear understanding of what family communication is and what it can be.



Contributions by both prominent and newer scholars theorize about family communication, offer new perspectives, challenge long-held assumptions, and describe original research to provide students with an up-to-date representation of the leading thinking in the field. Each concise chapter focuses on a specific element of family life, engaging key metaphors to stimulate classroom discussion about family in contexts ranging from ritual and embodiment to estrangement and heteronormativity. Throughout the text, students examine family metaphorically--as memory, as social identity, as estrangement, as loss, as resilience, as raced, and more.

Family Communication as... Exploring Metaphors for Family Communication is an excellent textbook for advanced undergraduate and graduate students in courses including family communication, family studies, interpersonal communication, relational communication, and communication theory. It is also a highly useful resource for scholars in fields such as media studies, psychology, sociology, social work, counseling, and public health.

NOVEMBER 2022 250PP
978-1-119-66839-8 PB \$69.95 (Japan)
Communication Studies

文化研究

The Digital Era 3

Uses

JEAN-PIERRE CHAMOUX

For 200 years, industry mastered iron, fire, strength and energy. Today, electronics shape our everyday objects, integrating chips everywhere: computers, phones, keys, games, household appliances, etc. Data, software and calculation frame the conduct of men and the administration of things.

Everything is translated into data: the figure is king.

This third and last volume of the series examines the creative destruction induced by digital, modifying manners and customs, law, society and politics.



NOVEMBER 2022 280PP
978-1-78630-192-5 CL \$165.00 (Japan)
Digital Culture & the Information Age

Dignity or Death

Ethics and Politics of Race

NORMAN AJARI & TRANSLATED BY MATTHEW B. SMITH

READERSHIP: Students and scholars in Black studies, African studies, African-American Studies, philosophy, anthropology, sociology, cultural studies and literary studies, and anyone interested in postcolonialism and decolonial thought



NOVEMBER 2022 300PP
978-1-5095-4865-1 CL \$70.00 (Japan)
978-1-5095-4866-8 PB \$24.95 (Japan)
African / African-American Studies

Native America

A History, 3rd Edition

MICHAEL LEROY OBERG & PETER JAKOB OLSEN-HARBICH

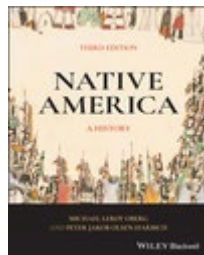
State University of New York, Genesco, USA

The latest edition of an accessible and comprehensive survey of Native America

In this newly revised third edition of *Native America: A History*, Michael Leroy Oberg and Peter Jakob Olsen-Harbich deliver a thoroughly updated, incisive narrative history of North America's Indigenous peoples. The authors aim to provide readers with an overview of the principal themes and developments in Native American history, from the first peopling of the continent to the present, by following twelve Native communities whose histories serve as exemplars for the common experiences of North America's diverse Indigenous nations. This textbook centers the history of Native America and presents it as flowing through channels distinct from those of the United States. This is a history of nations not merely acted upon, but rather of those that have responded to, resisted, ignored, and shaped the efforts of foreign powers to control their story.

This new edition has been comprehensively updated in all its chapters and expanded with wider coverage of the most significant recent events and trends in Native America through the first two decades of the twenty-first century.

Perfect for undergraduate and graduate students seeking a broad historical treatment of Indigenous peoples in the United States, *Native America: A History, Third Edition* will earn a place in the libraries of anyone with an interest in seeking an authoritative and engaging survey of Native American history.



NOVEMBER 2022 400PP
978-1-119-76849-4 PB \$59.95 (Japan)
NATIVE AMERICAN STUDIES

A Companion to Documentary Film History

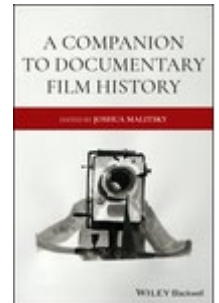
EDITOR JOSHUA MALITSKY

This volume offers a new and expanded history of the documentary form across a range of times and contexts, featuring original essays by leading historians in the field

In a contemporary media culture suffused with competing truth claims, documentary media have become one of the most significant means through which we think in depth about the past. The most rigorous collection of essays on nonfiction film and media history and historiography currently available, *A Companion to Documentary Film History* offers an in-depth, global examination of central historical issues and approaches in documentary, and of documentary's engagement with historical and contemporary topics, debates, and themes.

The *Companion's* twenty original essays by prominent nonfiction film and media historians challenge prevalent conceptions of what documentary is and was, and explore its growth, development, and function over time. The authors provide fresh insights on the mode's reception, geographies, authorship, multimedia contexts, and movements, and address documentary's many aesthetic, industrial, historiographical, and social dimensions.

A Companion to Documentary Film History is an ideal text for undergraduate and graduate courses covering documentary or nonfiction film and media, an excellent supplement for courses on national or regional media histories, and an important new resource for all film and media studies scholars, particularly those in nonfiction media.



NOVEMBER 2022 UnknownPP
978-1-119-11631-8 PB \$54.95 (Japan)
9781119116240 CL \$204.95 (Japan) Published, May 2021
Film Studies

A Companion to the Action Film

EDITOR JAMES KENDRICK

An authoritative guide to the action-packed film genre

With 24 incisive, cutting-edge contributions from esteemed scholars and critics, *A Companion to the Action Film* provides an authoritative and in-depth guide to this internationally popular and wide-ranging genre. As the first major anthology on the action film in more than a decade, the volume offers insights into the genre's historical development, explores its production techniques and visual poetics, and provides reflections on the numerous social, cultural, and political issues it has and continues to embody.



A Companion to the Action Film offers original research and critical analysis that examines the iconic characteristics of the genre, its visual aesthetics, and its narrative traits; considers the impact of major directors and stars on the genre's evolution; puts the action film in dialogue with various technologies and other forms of media such as graphic novels and television; and maps out new avenues of critical study for the future. This important resource:

- Offers a definitive guide to the action film
- Contains insightful contributions from a wide range of international film experts and scholars
- Reviews the evolution of the genre from the silent era to today's age of digital blockbusters
- Offers nuanced commentary and analysis of socio-cultural issues such as race, nationality, and gender in action films

Written for scholars, teachers and students in film studies, film theory, film history, genre studies, and popular culture, *A Companion to the Action Film* is an essential guide to one of international cinema's most important, popular, and influential genres.

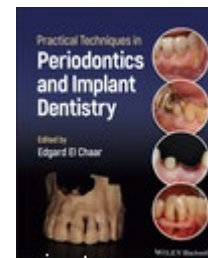
NOVEMBER 2022 UnknownPP
978-1-119-10059-1 PB \$54.95 (Japan)
9781119100492 CL \$195.00 (Japan) Published, March 2019
Film Studies

Practical Techniques in Periodontics and Implant Dentistry

EDITOR EDGARD EL CHAAR

A quick reference to essential techniques in periodontics and implant dentistry designed for clinical use

In *Practical Techniques in Periodontics and Implant Dentistry*, distinguished periodontist Dr. Edgard El Chaar delivers a comprehensive quick reference to key information on periodontics and implant dentistry. The book takes a concise and technique-based approach to the subject, a design that allows clinicians to rapidly find and apply important information in seeing cases. It provides brief chapters with plentiful and instructive images.



This manual is precise, offers quick access to the fundamentals of each of the pertinent topics in the field, and provides practitioners the ability to refer to an authoritative and straightforward resource in their daily clinical practice. It includes radiographs, histological images, clinical photographs, and line drawings.

Perfect for general practitioners, periodontists, and implant dentists, *Practical Techniques in Periodontics and Implant Dentistry* will also earn a place in the libraries of dental students with an interest in periodontics.

NOVEMBER 2022 176PP
978-1-119-79355-7 CL \$139.99 (Japan)
Periodontology

Clinical Applications of Digital Dental Technology

2nd Edition

EDITOR RADI MASRI & EDITOR CARL F. DRISCOLL

University of Maryland, Baltimore, Maryland, USA; University of Maryland, Baltimore, Maryland, USA

Comprehensive overview of digital dentistry describing available technologies and when and how to use digital dentistry in practice

Clinical Applications of Digital Dental Technology provides comprehensive yet practical references to a wide range of potential uses for digital technology in dental practice, discussing a wide range of digital technologies including their indications, contraindications, advantages, disadvantages, limitations, and applications. Overall, the book emphasizes how to use digital dentistry in daily practice across all specialties.

With broad coverage of the subject, *Clinical Applications of Digital Dental Technology* discusses digital imaging, digital impressions, digital prosthodontics, digital implant planning and placement, and digital applications in endodontics, orthodontics, and oral surgery. Each chapter is written by experts in each topic and covers applications for prosthodontics, implant dentistry, oral surgery, endodontics, orthodontics, and other specialty areas.

Clinical Applications of Digital Dental Technology is an essential resource for general dentists, specialists, and students who wish to understand digital dentistry and efficiently and intelligently incorporate it into their practices. The text is also useful for laboratory technicians interested in recent digital advances in the dental field.



NOVEMBER 2022 400PP
978-1-119-80058-3 CL \$169.99 (Japan)
DENTAL TECHNOLOGY & MATERIALS SCIENCE

Essential Techniques of Alveolar Bone Augmentation in Implant Dentistry

A Surgical Manual, 2nd Edition

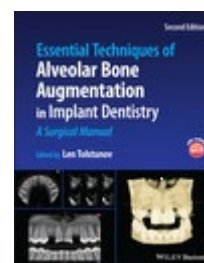
EDITOR LEN TOLSTUNOV

A clinically focused manual of the most important surgical techniques in alveolar bone augmentation, providing key information for managing cases in implant dentistry

The second edition of *Essential Techniques of Alveolar Bone Augmentation in Implant Dentistry: A Surgical Manual, Second Edition* presents a variety of key surgical bone augmentation techniques for ensuring proper bone width and height for dental implant placement. Enabling clinicians and dental students to rapidly locate information for cases requiring bone augmentation, this highly practical reference covers ridge preservation, horizontal and vertical ridge augmentation, soft tissue grafting for implant site development, tissue engineering techniques, and surgical alternatives to bone grafting in implant dentistry.

Succinct chapters written by a panel of more than 40 international leading clinicians, scientists, and teachers include step-by-step descriptions of each surgical procedure--supported by information on diagnosis and treatment planning and more than 1,000 high-quality clinical images and illustrations. This fully up to date second edition includes new coverage of 3D alveolar ridge defect reconstruction, procedures for vertical bone augmentation in the posterior maxilla, complete arch dental implant treatment using photogrammetry, metal-ceramic transitional maxillary implant rehabilitation, ridge-split expansion using piezoelectric surgery, and more.

Essential Techniques of Alveolar Bone Augmentation in Implant Dentistry: A Surgical Manual, Second Edition is a must-have for both novice and experienced dental clinicians, implant dentists, oral surgeons, prosthodontists, and periodontists, and an invaluable resource for dental students and trainees.

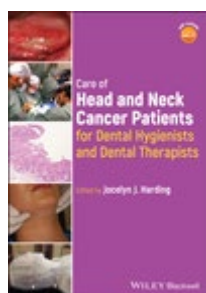


NOVEMBER 2022 UnknownPP
978-1-119-82732-0 CL \$249.99 (Japan)
IMPLANT DENTISTRY

Care of Head and Neck Cancer Patients for Dental Hygienists and Dental Therapists

JOCELYN J. HARDING

Care of Head and Neck Cancer Patients for Dental Hygienists and Dental Therapists is an advisory guide that enables dental hygienists, dental therapists, and other health care professionals to appreciate the journey undertaken by head and neck cancer patients. Focusing on the before, during, and after treatments, the book covers common head and neck cancer treatments such as surgery, radiotherapy, chemotherapy and innovative new therapies. It also discusses treatment complications such as halitosis, osteoradionecrosis, and radiation dermatitis. Some of the other sample topics discussed by the well-qualified authors include:



- An introduction to substance misuse and oral health and the early detection of mouth cancer
- The role of a dietitian in the care of head and neck cancer patients
- Proton beam therapy and transoral robotic surgery
- Physiotherapy for someone diagnosed with a head/neck cancer
- Lifestyle factors in oral cancer and pain management in head and neck cancer patients

Care of Head and Neck Cancer Patients for Dental Hygienists and Dental Therapists is an immensely valuable resource for dental hygienists, dental therapists, and other health care professionals who work in primary and secondary care.

NOVEMBER 2022 304PP
978-1-119-79500-1 PB \$115.00 (Japan)
Dental Hygiene & Therapy

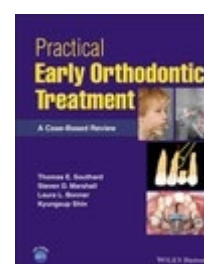
Practical Early Orthodontic Treatment

A Case-Based Review

THOMAS E. SOUTHARD, STEVEN D. MARSHALL, LAURA L. BONNER & KYUNGSUP SHIN

University of Iowa, Iowa City, IA, USA; University of Iowa, Iowa City, IA, USA; University of Iowa, Iowa City, IA, USA

Practical Early Orthodontic Treatment: A Case-Based Review delivers exhaustive instruction in the evaluation and treatment of childhood malocclusions and dentofacial deformities.



Written as a "mini-residency," this book uses a question-and-answer format to encourage the reader to think critically and gauge the progress of his/her understanding. It provides the reader with a robust foundation for making the best possible childhood evaluation and treatment decisions.

Perfect for orthodontists, pediatric dentists, and dentists in general practice, *Practical Early Orthodontic Treatment: A Case-Based Review* is also useful to residents and dental students with an interest in orthodontic care.

NOVEMBER 2022 928PP
978-1-119-79359-5 CL \$249.99 (Japan)
Orthodontics

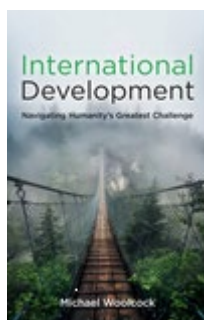
経済学

International Development

Navigating Humanity's Greatest Challenge

MICHAEL WOOLCOCK

READERSHIP: students and practitioners of development in departments of development studies, sociology, economics, political science, anthropology, and public administration



NOVEMBER 2022 200PP
978-1-5095-4514-8 CL \$64.95 (Japan)
978-1-5095-4515-5 PB \$22.95 (Japan)
Development Studies Special Topics

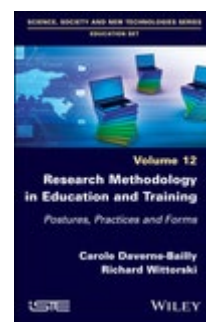
教育

Research Methodology in Education and Training

Postures, Practices and Forms, Volume 12

CAROLE DAVERNE-BAILLY & RICHARD WITTORSKI

This book is a methodological guide intended for those who wish to better understand how to conduct research in the education and training sciences. It is organized into three main parts. The first part deals with postures, emphasizing the idea that engaging in a research process involves taking a different stance from that of a social or professional actor. For example, this may require converting a professional or social question into a research question or reflecting on the use of a social vocabulary in research.



The second part concerns practices, that is, how research is conducted: the definition of a research question based on findings, theoretical exploration and problematization, the production of empirical information and its analysis and restitution.

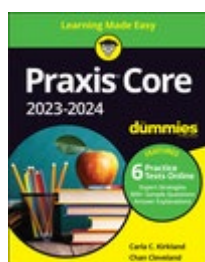
The third and final part concludes by focusing on the diversity of research forms; not only research cultures specific to disciplinary fields and approaches, such as action research, collaborative research or research training, but also the design choices in terms of multi-, inter- or trans-disciplinarity.

NOVEMBER 2022 192PP
978-1-78630-747-7 CL \$165.00 (Japan)
Education - Curriculum & Methodology
NW

Praxis Core 2023-2024 For Dummies

CARLA C. KIRKLAND, RIDGELAND, UNITED STATES & CHAN CLEVELAND

Praxis Core 2023-2024 For Dummies provides you with the confidence you need to perform well on the Praxis Core Academic Skills for Educators Exam. With information on every section of the exam, plus full-length practice tests in the book and online, Dummies has got you covered. This study guide is essential if you're serious about starting a career in education or pursuing teaching as career number two (or three, or four...we don't judge).



With *Praxis Core 2022-2023 For Dummies*, prospective teachers get access to six complete practice tests: two in the book and an additional four online. You'll also get deep content review on every test section, so nothing takes you by surprise on test day. College students, career changers, and job-seekers, step right up. You have the tools you need to prepare for the Praxis and the lowdown on how to score high on exam day--right here!

- Learn what's on each section of the Praxis and review all the content in detail
- Practice, practice, practice with six full-length practice tests
- Demonstrate your readiness to enter the teaching profession right out of school or as a career change
- Launch a rewarding, meaningful, and in-demand career as an educator

The fun and friendly Dummies style will keep you peppy and smiling as you prepare to master the reading, writing, and mathematics basics that every teacher needs to know.

NOVEMBER 2022 UnknownPP
978-1-119-88817-8 PB \$29.99 (Japan)
TEACHER EDUCATION (K-12)

The Creative Outlet Method

At-Home Activities for Children with Special Needs

JOSHUA LEVY & FOREWORD BY ELIZABETH HAMPTON

Joshua's Stage and Joshua Levy Educational Consulting; The University of Texas at Austin Michael and Tami Lang Stuttering Institute

A practical guide for parents and special educators to help enrich the lives of children with special needs

In *The Creative Outlet Method Book of Creativity: At-Home Activities for Children with Special Needs*, certified special education educator Joshua Levy delivers practical and effective resources for conducting over 30 enriching theater arts and improvisational activities. The included exercises will allow children with disabilities to demonstrate creativity, increase self-confidence, and build social skills.



Special needs children will benefit from the innovative approaches included in *The Creative Outlet Method* and experience creative energy from the comfort of home. The book also offers:

- Opportunities for children with special needs to achieve their academic, social, and behavioral goals
- Activities that enrich the lives of special needs students, their parents, and other caregivers
- A 10-step framework to improving the learning outcomes for children with special needs

The Creative Outlet Method Book of Creativity is an indispensable resource for the parents and caregivers of special needs children, special education teachers, administrators, and therapists. It's also a must-read for K-12 general educators looking for ways to better engage with their special needs students.

NOVEMBER 2022 176PP
978-1-119-87349-5 PB \$37.00 (Japan)
Special Educational Needs

電気電子工学

Tropospheric and Ionospheric Effects on Global Navigation Satellite Systems

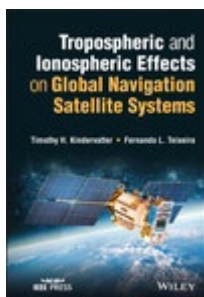
TIM H. KINDERVATTER & FERNANDO L. TEIXEIRA

Explore atmospheric effects on radio frequency propagation in the context of Global Navigation Satellite System communication

In *Tropospheric and Ionospheric Effects on Global Navigation Satellite Systems*, a team of distinguished researchers deliver an accessible and authoritative introduction to all scientifically relevant effects caused by the ionosphere and troposphere on GNSS RF signals. The book explores the origin of each type of propagation effect and explains it from a fundamental physical perspective. Each of the major methods used for the measurement, prediction, and mitigation of ionospheric and tropospheric effects on GNSS are discussed in detail.

The authors also provide the mechanisms that drive ionization and plasma transport in the ionosphere, propagation phenomena (including scattering, absorption, and scintillations), and the predominant predictive models used to predict ionospheric propagation effects.

With an emphasis on global navigation satellite systems, the book discusses the US Standard Atmosphere, a general reference model for characteristics of the ionized atmosphere. Ideal for engineers and research scientists with a professional or personal interest in geophysics, RF propagation, and GNSS and GPS applications, *Tropospheric and Ionospheric Effects on Global Navigation Satellite Systems* will also earn a place in the libraries of undergraduate and graduate students studying RF propagation or GNSS.



NOVEMBER 2022 560PP
978-1-119-86303-8 CL \$140.00 (Japan)
Satellite Communications

State Feedback Control and Kalman Filtering with MATLAB/Simulink Tutorials

LIUPING WANG & ROBIN PING GUAN

Discover the control engineering skills for state space control system design, simulation, and implementation

State space control system design is one of the core courses covered in engineering programs around the world. Applications of control engineering include things like autonomous vehicles, renewable energy, unmanned aerial vehicles, electrical machine control, and robotics, and as a result the field may be considered cutting-edge. The majority of textbooks on the subject, however, lack the key link between the theory and the applications of design methodology.

State Feedback Control and Kalman Filtering with MATLAB/Simulink Tutorials provides a unique perspective by linking state space control systems to engineering applications. The book comprehensively delivers introductory topics in state space control systems through to advanced topics like sensor fusion and repetitive control systems. More, it explores beyond traditional approaches in state space control by having a heavy focus on important issues associated with control systems like disturbance rejection, reference following, and more. Topics included in the text include discrete-time state space control design, repetitive control systems, and Kalman filter and its applications in sensor fusion.

State Feedback Control and Kalman Filtering with MATLAB/Simulink Tutorials is an ideal resource for students from advanced undergraduate students to postgraduates, as well as researchers in electrical, mechanical, chemical, and aerospace engineering.



SERIES: IEEE PRESS

NOVEMBER 2022 384PP
978-1-119-69463-2 CL \$160.00 (Japan)
Control Systems Technology

Electromagnetism for Engineers

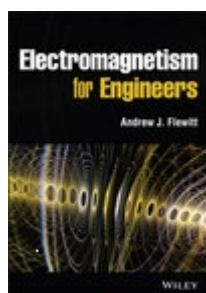
ANDREW J. FLEWITT

An easily accessible textbook to introduce the power of electromagnetism

Electromagnetism can be a difficult subject to grasp and to teach. Much of what we take for granted in modern life is enabled by electromagnetic effects, but it isn't always easy to understand the impact of electromagnetism compared to other areas of engineering, such as mechanics, which are more tangibly observed and felt. Although electromagnetism is a crucial and important branch of physics with elegant mathematics, many students can find the study of electromagnetism inaccessible.

It is crucial for students of electrical and electronic engineering and physics to have a strong understanding of electromagnetism and how it impacts communications, power generation and transmission, semiconductor devices, motors, and more. *Electromagnetism for Engineers* aims to develop a student's understanding of electromagnetism in the context of real effects and how they apply to such applications, whilst maintaining the sophistication of the mathematics that can be used to give deeper insight. It begins by describing the fundamentals of electromagnetism before a more detailed discussion of the basic concepts developed for specific application areas. It then considers the application of electromagnetism to transmission lines, antennas, and waveguides.

Electromagnetism for Engineers has been written as a textbook for undergraduates studying electronic or electrical engineering. The manual can also be of interest to physics students and to graduate-level students desirous of having a general book on electromagnetism. It is also a useful reference for professional engineers looking for a refresher on the fundamentals of electromagnetism.



Introduction to Electromagnetic Compatibility

3rd Edition

CLAYTON R. PAUL, ROBERT C. SCULLY & MARK STEFFKA

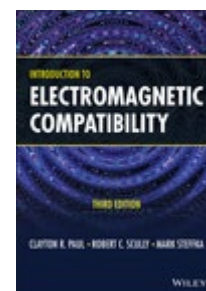
University of Kentucky, Lexington

The fully revised new edition of the classic textbook, an essential resource for anyone working with digital devices

Introduction to Electromagnetic Compatibility provides thorough coverage of the techniques and methodologies used to design and analyze electronic systems that function acceptably in their electromagnetic environment. Assuming no prior familiarity with electromagnetic compatibility, this user-friendly textbook first explains fundamental EMC concepts and technologies before moving on to more advanced topics in EMC system design.

The extensively revised and expanded third edition reflects the most recent advances in the field as well as current U.S. and international regulatory requirements. An entirely new chapter on circuit and system grounding is complemented by updated chapters on computer modeling for EMC, circuit board and system-level EMC design, EMC test practices, EMC measurement procedures and equipment, and more.

The ideal textbook for university courses on EMC, *Introduction to Electromagnetic Compatibility, Third Edition* is also an invaluable reference for practicing electrical engineers dealing with interference issues or those wanting to learn more about electromagnetic compatibility to become better product designers.



NOVEMBER 2022 240PP
978-1-119-40616-7 CL \$80.00 (Japan)
Electromagnetic Theory

FEBRUARY 2023 912PP
978-1-119-40434-7 CL \$140.95 (Japan)
ELECTROMAGNETIC COMPATIBILITY

Secure State Estimation and Multimodal Perception for Robotic Mobility Platforms

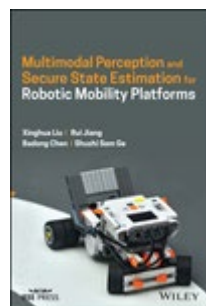
XINGHUA LIU, RUI JIANG, BADONG CHEN & SHUZHONG SAM GE

Enables readers to understand important new trends in multimodal perception for mobile robotics

This book provides a novel perspective on secure state estimation and multimodal perception for robotic mobility platforms such as autonomous vehicles. It thoroughly evaluates filter-based secure dynamic pose estimation approaches for autonomous vehicles over multiple attack signals and shows that they outperform conventional Kalman filtered results.

As a modern learning resource, it contains extensive simulative and experimental results that have been successfully implemented on various models and real platforms. To aid in reader comprehension, detailed and illustrative examples on algorithm implementation and performance evaluation are also presented.

This book will appeal to graduate-level students and professionals in the fields of ground vehicle pose estimation and perception who are looking for modern and updated insight into key concepts related to the field of robotic mobility platforms.



NOVEMBER 2022 UnknownPP
978-1-119-87601-4 CL \$110.00 (Japan)
Robotics

Autonomous Navigation and Deployment of UAVs for Communication, Surveillance and Delivery

HAILONG HUANG, ANDREY V. SAVKIN & CHAO HUANG

Authoritative resource offering coverage of communication, surveillance, and delivery problems for teams of unmanned aerial vehicles (UAVs)

Autonomous Navigation and Deployment of UAVs for Communication, Surveillance and Delivery studies various elements of deployment of networks of unmanned aerial vehicle (UAV) base stations for providing communication to ground users in disaster areas, covering problems like ground traffic monitoring, surveillance of environmental disaster areas (e.g. brush fires), using UAVs in rescue missions, converting UAV video surveillance, and more. The work combines practical problems, implementable and computationally efficient algorithms to solve these problems, and mathematically rigorous proofs of each algorithm's convergence and performance.

One such example provided by the authors is a novel biologically inspired motion camouflage algorithm to covert video surveillance of moving targets by an unmanned aerial vehicle (UAV). All autonomous navigation and deployment algorithms developed in the book are computationally efficient, easily implementable in engineering practice, and based only on limited information on other UAVs of each and the environment.



Professionals in navigation and deployment of unmanned aerial vehicles, along with researchers, engineers, scientists in intersecting fields, can use *Autonomous Navigation and Deployment of UAVs for Communication, Surveillance and Delivery* to gain general knowledge on the subject along with practical, precise, and proven algorithms that can be deployed in a myriad of practical situations.

NOVEMBER 2022 272PP
978-1-119-87083-8 CL \$135.00 (Japan)
Remote Sensing

Planar Microwave Sensors

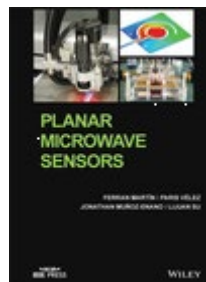
FERRAN MARTÍN, PARIS VÉLEZ, JONATHAN MUÑOZ-ENANO & LIJUAN SU

Comprehensive resource detailing the latest advances in microwave and wireless sensors implemented in planar technology

Planar Microwave Sensors is an authoritative resource on the subject, discussing the main relevant sensing strategies, working principles, and applications on the basis of the authors' own experience and background, while also highlighting the most relevant contributions to the topic reported by international research groups. The authors provide an overview of planar microwave sensors grouped by chapters according to their working principle.

In each chapter, the working principle is explained in detail and the specific sensor design strategies are discussed, including validation examples at both simulation and experimental level. The most suited applications in each case are also reported. The necessary theory and analysis for sensor design are further provided, with special emphasis on performance improvement (i.e., sensitivity and resolution optimization, dynamic range, etc.). Lastly, the work covers a number of applications, from material characterization to biosensing, including motion control sensors, microfluidic sensors, industrial sensors, and more.

Engineers and qualified professionals involved in sensor technologies, along with undergraduate and graduate students in related programs of study, can harness the valuable information inside *Planar Microwave Sensors* to gain complete foundational knowledge on the subject and stay up to date on the latest research and developments in the field.



SERIES: IEEE PRESS

NOVEMBER 2022 512PP
978-1-119-81103-9 CL \$140.00 (Japan)
Sensors, Instrumentation & Measurement

Chipless RFID Authentication

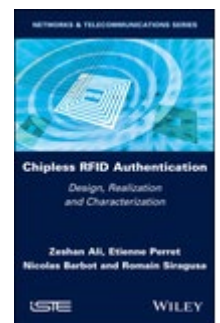
Design, Realization and Characterization

ZESHAN ALI, ETIENNE PERRET, NICOLAS BARBOT & ROMAIN SIRAGUSA

Chipless RFID Authentication examines the development of highly secure product authentication systems for manufactured products by using chipless radio frequency identification (RFID) technology.

The absence of a chip and its compatibility with mass production make chipless RFID an alternative to barcodes. This book discusses how, by using natural randomness inherent to the fabrication process, each chipless RFID tag has a unique signature that can never be reproduced, even if someone tries to copy the label.

The book first explores the state-of-the-art of existing authentication and anti-counterfeiting methods based on their security level. Next, a methodology describing the characterization of chipless RFID tags for the authentication application is presented, followed by a discussion of the extraction of aspect-independent parameters for chipless RFID tags. After proposing designs for the tags, the book presents the realization and characterization of the labels (which exhibit naturally occurring randomness) for authentication, using printed circuit boards and inkjet printing on polyethylene terephthalate.



NOVEMBER 2022 192PP
978-1-78630-833-7 CL \$165.00 (Japan)
RF / Microwave Theory & Techniques

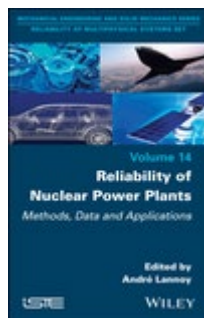
エネルギー

Reliability of Nuclear Power Plants

Methods, Data and Applications

EDITOR ANDRE LANNOY

Since the 1970s, the field of industrial reliability has evolved significantly, in part due to the design and early operation of the first generation nuclear power plants. Indeed, the needs of this sector have led to the development of specific and innovative reliability methods, which have since been taken up and adapted by other industrial sectors, leading to the development of the management of uncertainties and Health and Usage Monitoring Systems. In this industry, reliability assessment approaches have matured. There are now methods, data and tools available that can be used with confidence for many industrial applications. The purpose of this book is to present and illustrate them with real study cases.



The book addresses the evolution of reliability methods, experience feedback and expertise (as data is essential for estimating reliability), the reliability of socio-technical systems and probabilistic safety assessments, the structural reliability and probabilistic models in mechanics, the reliability of equipment and the impact of maintenance on their behavior, human and organizational factors and the impact of big data on reliability. Finally, some R&D perspectives that can be developed in the future are presented. Written by several engineers, statisticians and human and organizational factors specialists in the nuclear sector, this book is intended for all those who are faced with a reliability assessment of their installations or equipment: decision-makers, engineers, designers, operation or maintenance engineers, project managers, human and organizational factors specialists, experts and regulatory authority inspectors, teachers, researchers and doctoral students.

NOVEMBER 2022 304PP
978-1-78630-761-3 CL \$165.00 (Japan)
Nuclear Energy

Biofuel Extraction Techniques

EDITOR LALIT PRASAD, EDITOR SUBHALAXMI PRADHAN & EDITOR S. N. NAIK

NOVEMBER 2022 UnknownPP
978-1-119-82932-4 CL \$225.00 (Japan)
Renewable Energy

Energy Autonomy

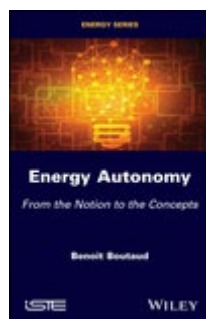
From the Notion to the Concepts

BENOIT BOUTAUD

Energy autonomy is an emerging concept that is, as yet, poorly identified in France. It can mean taking ownership of certain issues related to energy, its production, or, indeed, becoming self-sufficient, and it can apply equally to individuals, communities and buildings.

While there are numerous new developments -- renewable energies, smart grids and self-consumption -- it is becoming difficult to know what this idea of "autonomy" covers, just as it is difficult to define "independence" and "self-sufficiency", which are often associated with it. However, these three concepts are key to thinking about the energy system and deciding its future. Covering distinct ideas, they are often reduced to economic and productive factors. This ambiguity in their meanings is responsible for the misunderstandings, delusions and obstacles that hamper the implementation of the energy transition.

This book deconstructs the common idea of autonomy in favor of a set of more operational concepts. It demonstrates that these ideas are not interchangeable but rather represent practical and constructive tools for action. The world of energy is changing, and therefore we must rethink energy autonomy.



NOVEMBER 2022 256PP
978-1-78630-834-4 CL \$165.00 (Japan)
Renewable Energy

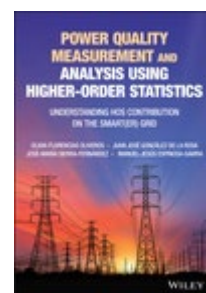
Power Quality Measurement and Analysis Using Higher-Order Statistics

Understanding HOS contribution on the Smart(er) grid

OLIVIA FLORENCIAS OLIVEROS, JUAN JOSÉ GONZÁLEZ DE LA ROSA, JOSÉ-MARÍA SIERRA-FERNÁNDEZ, MANUEL-JESÚS ESPINOSA-GAVIRA, AGUSTÍN AGÜERA-PÉREZ, JOSÉ-CARLOS PALOMARES-SALAS

Help protect your network with this important reference work on cyber security

Power quality (PQ) in electrotechnical systems refers to a set of characteristics related to the movement of energy and the delivery of voltage to consumers in the highest standard. As electricity networks change and adapt to new technologies and concepts of energy within a future Smart Grid, it has become clear that standardized methods by which stability and accuracy of electrical service along a network are currently measured are no longer enough to solve inherent issues in service and ensure established requirements are met. *Power Quality Measurement and Analysis using Higher-Order Statistics* reflects the latest information related to PQ (Power Quality) analysis solutions, particularly that related to the implementation of new quality indices in the domain of higher-order statistics (HOS). The authors--noted experts on the topic--carefully address the detection of PQ problems from two perspectives: the detection of specific events that occur on networks in isolation and continuous monitoring detection. In doing so, the authors demonstrate the use of HOS in current waveform models, enabling the characterization of different power circuit topologies and loads. This book thereby expertly explores the benefits of using HOS, bridging the gap between signal processing and power, and building a better understanding for readers.



Pitched at a specialized level, *Power Quality Measurement and Analysis* is an essential reference for researchers, academics, and industry insiders, as well as advanced students in this field.

NOVEMBER 2022 192PP
978-1-119-74771-0 CL \$145.00 (Japan)
Power Technology & Power Engineering

地球科学

Earth Observation Applications and Global Policy Frameworks

ARGYRO KAVVADA, DOUGLAS CRIPE & LAWRENCE FRIEDL

Data and insights from Earth observations are critical for assessing the health of our planet, monitoring change, and addressing societal challenges from the local to the global scale.

Earth Observation Applications and Global Policy Frameworks presents case studies of Earth science information integrated with statistics and socioeconomic data for managing development targets, improving disaster resilience, and mitigating and adapting to climate change. It also showcases open collaboration among researchers, United Nations and government officials, entrepreneurs, and the public.

**Volume highlights include:**

- Case studies of projects working with local and national governments, and through public-private partnerships, to make the most of the large volume of complex and diverse Earth science information sources
- Applications from diverse disciplines including wetland preservation, food security, water quality, marine conservation, disasters, urbanization, drought and land degradation, and greenhouse gas monitoring
- Examples of internationally coordinated initiatives that are driving progress on three landmark United Nations agreements
- Resources for decision-makers and practitioners in local and national governments

The American Geophysical Union promotes discovery in Earth and space science for the benefit of humanity. Its publications disseminate scientific knowledge and provide resources for researchers, students, and professionals.

SERIES: GEOPHYSICAL MONOGRAPH SERIES

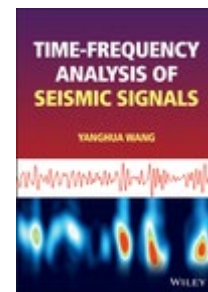
NOVEMBER 2022 240PP
978-1-119-53676-5 CL \$185.00 (Japan)
Geology & Geophysics

Time-frequency Analysis of Seismic Signals

YANGHUA WANG

A practical and insightful discussion of time-frequency analysis methods and technologies

Time-frequency analysis of seismic signals aims to reveal the local properties of nonstationary signals. The local properties--such as time-period, frequency, and spectral content--vary with time, and the time of a seismic signal is a proxy of geologic depth. Therefore, the time-frequency spectrum is composed of the frequency spectra that are generated by using the classic Fourier transform at different time positions.



Different time-frequency analysis methods are distinguished in the construction of the local kernel prior to using the Fourier transform. Based on the difference in constructing the Fourier transform kernel, this book categorises time-frequency analysis methods into two groups: Gabor transform-type methods and energy density distribution methods.

This book systematically presents time-frequency analysis methods, including technologies which have not been previously discussed in print or in which the author has played a leading developmental role. In the presentation of each method, the fundamental theory and mathematical concepts are summarised, with an emphasis on the engineering aspects.

This book also provides a practical guide to geophysicists who attempt to generate geophysically meaningful time-frequency spectra, who attempt to process seismic data with time-dependent operations for the fidelity of nonstationary signals, and who attempt to exploit the time-frequency space seismic attributes for quantitative characterisation of hydrocarbon reservoirs.

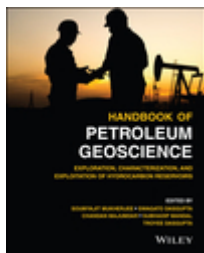
NOVEMBER 2022 256PP
978-1-119-89234-2 CL \$160.00 (Japan)
Geology & Geophysics

Handbook of Petroleum Geoscience

Exploration, Characterization, and Exploitation of Hydrocarbon Reservoirs

SOUMYAJIT MUKHERJEE, EDITOR SWAGATO DASGUPTA, EDITOR CHANDAN MAJUMDAR, EDITOR SUBHADIP MANDAL & EDITOR TROYEE DASGUPTA

This reference brings together the latest industrial updates and research advances in regional tectonics and geomechanics, based on case studies from a range of different regions, highlighting core concepts and themes as well as regional variations.



Key topics discussed in the book are:

- Drilling solutions from the Kutch offshore basin
- Geophysical studies from a gas field in Bangladesh
- Exploring Himalayan terrain in India
- Unconventional gas reservoirs in Brazil

This book is an invaluable industry resource for professionals and academics working in and studying the fields of petroleum geoscience and tectonics.

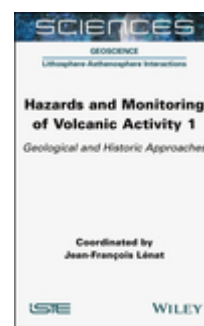
NOVEMBER 2022 500PP
978-1-119-68003-1 CL \$190.00 (Japan)
Structural Geology & Tectonics

Hazards and Monitoring of Volcanic Activity

Geological and Historic Approaches

EDITOR JEAN-FRANÇOIS LÉNAT

The impact of natural disasters has become an important and ever-growing preoccupation for modern societies. Volcanic eruptions are particularly feared due to their devastating local, regional or global effects. Relevant scientific expertise that aims to evaluate the hazards of volcanic activity and monitor and predict eruptions has progressively developed since the start of the 20th century. The further development of fundamental knowledge and technological advances over this period have allowed scientific capabilities in this field to evolve.



Hazards and Monitoring of Volcanic Activity groups a number of available techniques and approaches to render them easily accessible to teachers, researchers and students.

This volume is dedicated to geological and historical approaches. The assessment of hazards and monitoring strategies is based primarily on knowledge of a volcano's past behavior or that of similar volcanoes. The book presents the different types of volcanic hazards and various approaches to their mapping before providing a history of monitoring techniques

NOVEMBER 2022 256PP
978-1-78945-043-9 CL \$165.00 (Japan)
Igneous & Metamorphic Petrology and Volcanology

Check Dam Construction for Sustainable Watershed Management and Planning

EDITOR ZHANBIN LI, EDITOR PENG LI, EDITOR YANG YU, EDITOR PENG SHI & EDITOR GUILLAUME PITON

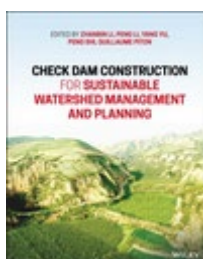
Authoritative and comprehensive reference on the potential for watershed development through the use of check dams

Check Dam Construction for Sustainable Watershed Management and Planning summarizes current knowledge of check dams as key soil and water conservation structures in some of the most sensitive and vulnerable ecosystems in the world, as exemplified by the Mediterranean area and the Chinese Loess Plateau, providing detailed information on check dam design and watershed planning, the use of advanced modeling techniques, challenges in dam construction and how to overcome them.

The work integrates decades of research in the field of soil and water conservation and gully management, including advanced studies in check dam construction and watershed management. It also covers important new techniques and methods, such as hydrological modeling, isotope tracing, and more.

To aid in reader comprehension, the five highly qualified editors have divided the work into three distinct sections. Sections I and II focus on the experience gained from the erosion hotspots in the Chinese Loess Plateau, whereas Section III expands the scope to other regions with different functions for check dams, including headwater ecosystems and alpine environments.

With its systematic coverage of all aspects of dam construction and maintenance, *Check Dam Construction for Sustainable Watershed Management and Planning* supports decision making by local authorities and can also be used as a professional guide for ecologists, hydrologists, and water resource managers.



The Investing Oasis

Contrarian Treasures in the Capital Markets Desert

J. T. MASON

A guided journey revealing hidden values and buried treasures amidst the dangers facing DIY investors.

A metaphorical journey through the hot, shifting sands of the capital markets 'desert' to awaken readers to the urgency of the "Behavior Gap"—a chronic gap of under-performance relative to the markets experienced by investors worldwide.

This is a roadmap of portfolio management concepts and contrarian tactics that can turn misbehaviors, undue risks, and short-term gambles into longer-term strengths. Through 30 chapters and four tiers, the author progressively introduces more powerful tools & techniques used in the founding and successful management of the Oasis Growth Fund, a North American Hedge Fund.

No matter the complexities, the material is purposeful, transparent and allows flexibility for the reader to pursue the adventure as long as the rewards justify the sacrifices. With pragmatic advice, insights and tomes for the ages, *The Investing Oasis* is a compelling resource for new and experienced investors, alike.

Value your time at the Oasis to prepare for the adventures ahead.



DECEMBER 2022 384PP
978-1-119-87108-8 CL \$27.95 (Japan)
General Finance & Investments

NOVEMBER 2022 320PP
978-1-119-74240-1 CL \$175.00 (Japan)
Water Resource Management

SOFR Futures and Options

DOUG HUGGINS, GOLDEN, UNITED STATES, CHRISTIAN SCHALLER,
EISENSTADT, AUSTRIA & FOREWORD BY GALEN BURGHARDT

SOFR Futures and Options is the practical guide through the maze of the transition from LIBOR. In the first section, it provides an in-depth explanation of the concepts involved:

- The repo market and the construction of SOFR
- SOFR-based lending markets and the term rate
- The secured-unsecured basis
- SOFR futures and options and their spread contracts
- Margin and convexity



Applying these insights, the second section offers detailed worked-through examples of hedging loans, swaps, bonds, and floors with SOFR futures and options, supported by interactive spreadsheets accessible on the web. The gold standard resource for professionals working at financial institutions, *SOFR Futures and Options* also belongs in the libraries of students of finance and business, as well as those preparing for the Chartered Financial Analyst exam.

SERIES: WILEY FINANCE

NOVEMBER 2022 240PP
978-1-119-88894-9 CL \$49.95 (Japan)
General Finance & Investments

Sustainably Investing in Digital Assets Globally

SELVA OZELLI

Discover how to dip your toe into the cryptocurrency investing pool without getting burned

In *Sustainably Investing in Digital Assets Globally*, international finance and fintech expert Selva Ozelli delivers an eye-opening and insightful discussion of cryptocurrency investment, as well as the risks and opportunities that await those who deal in this promising new technology. In the book, the author explores how cryptocurrencies have been used by illicit operators throughout the US and the world and how legitimate investors have sought to limit their exposure to illegal activity.



Readers will also find comprehensive treatments of US-based and global cryptocurrency regulations, as well as:

- Advice for investors concerned about the environmental sustainability of blockchain technology but who still wish to invest in cryptocurrencies
- Information about a variety of countries and governments who have explored and implemented various cryptocurrency initiatives inside their own borders
- Discussions surrounding the drive by many central banks to introduce a digital currency, in addition to the surging popularity of non-fungible tokens

A can't-miss handbook for the crypto-curious investor, *Sustainably Investing in Digital Assets Globally* deserves a place in the bookshelves of anyone with an interest in international finance, fintech, technology, or cryptocurrency.

NOVEMBER 2022 384PP
978-1-119-88562-7 CL \$30.00 (Japan)
General Finance & Investments

Fixed Income Securities

Tools for Today's Markets, 4th Edition

BRUCE TUCKMAN & ANGEL SERRAT

Credit Suisse

Build or brush up on the foundation you need to be a sophisticated fixed income professional with this proven book

Fixed Income Securities: Tools for Today's Markets has been a valued resource for practitioners and students for over 25 years. Clearly written, and drawing on a myriad of real market examples, it presents an overview of fixed income markets; explains the conceptual frameworks and quantitative tool kits used in the industry for pricing and hedging; and examines a wide range of fixed income instruments and markets, including: government bonds; interest rate swaps; repurchase agreements; interest rate futures; note and bond futures; bond options and swaptions; corporate bonds; credit default swaps; and mortgages and mortgage-backed securities.



Appearing a decade after its predecessor, this long-awaited Fourth Edition is comprehensively revised with:

- An up-to-date overview, including low and negative rates; monetary policy with abundant reserves; and the increasing electronification of markets
- All new examples, applications, and case studies, including lessons from market upheavals through the pandemic
- New material on fixed income asset management
- The global transition from LIBOR to SOFR and other rates

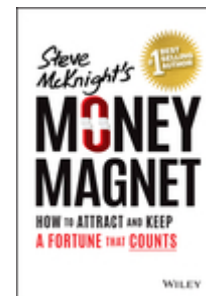
SERIES: WILEY FINANCE

NOVEMBER 2022 560PP
978-1-119-83555-4 CL \$95.00 (Japan)
INSTITUTIONAL & CORPORATE FINANCE

Money Magnet

How to Attract and Keep a Fortune That Counts

STEVE MCKNIGHT



NOVEMBER 2022 UnknownPP
978-0-7303-8380-2 PB \$36.00 (Japan)
PERSONAL FINANCE

The Psychology of Financial Planning

The Practitioner's Guide to Money and Behavior

BRAD KLONTZ, CHARLES R. CHAFFIN & TED KLONTZ

Psychology of Financial Planning: The Practitioner's Guide to Money and Behavior

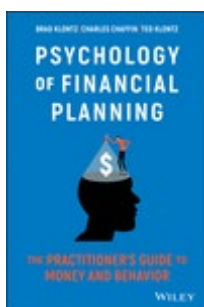
In PSYCHOLOGY OF FINANCIAL PLANNING: The Practitioner's Guide to Money and Behavior, distinguished authors Drs. Brad Klontz, CFP®, Charles Chaffin, and Ted Klontz deliver a comprehensive overview of the psychological factors that impact the financial planning client.

Designed for both professional and academic audiences, PSYCHOLOGY OF FINANCIAL PLANNING is written for those with 30 years in practice as well as those just beginning their journey.

With a focus on how psychology can be applied to real-world financial planning scenarios, PSYCHOLOGY OF FINANCIAL PLANNING provides a much-needed toolbox for practicing financial planners who know that understanding their client's psychology is critical to their ability to be effective.

The PSYCHOLOGY OF FINANCIAL PLANNING is also a much-needed resource for academic institutions who now need to educate their students in the CFP Board's newest category of learning objectives: psychology of financial planning.

PSYCHOLOGY OF FINANCIAL PLANNING goes beyond just theory to show how practitioners can use psychology to better serve their clients. The accompanying workbook provides exercises, scripts, and workshop activities for firms and practitioners who are dedicated to engaging and implementing the content in meaningful ways.



NOVEMBER 2022 288PP
978-1-119-98372-9 CL \$49.95 (Japan)
Personal Finance / Financial Advising

Common Stocks and Common Sense

The Strategies, Analyses, Decisions, and Emotions of a Particularly Successful Value Investor

2nd Edition, Updated

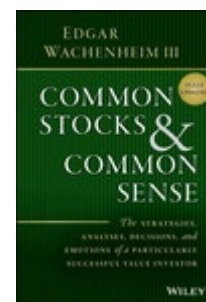
EDGAR WACHENHEIM III, NEW YORK, UNITED STATES

An incisive and comprehensive exploration of value investing in the real world

In the newly revised second edition of *Common Stocks and Common Sense: The Strategies, Analyses, Decisions, and Emotions of a Particularly Successful Value Investor*, celebrated Wall Street value investor Ed Wachenheim walks readers through eleven revealing case studies of real-world investments made by the author's firm, Greenhaven Associates. Each case uncovers unique insights into the technical and human elements that go into any profitable investment transaction.

This latest edition includes brand-new content with coverage of the electric vehicle (EV) market, and in-depth discussions of General Motors. Refreshed and renewed content also appears throughout the book, with several new investment theses appearing for the first time in this edition.

An essential handbook for retail value investors everywhere, *Common Stocks and Common Sense* will also earn a place on the bookshelves of portfolio and fund managers, securities analysts, and anyone else with a personal or professional interest in the financial markets.



NOVEMBER 2022 256PP
978-1-119-91324-5 CL \$34.95 (Japan)
INVESTMENTS & SECURITIES

Fixed Income Analysis

5th Edition

CFA INSTITUTE

An essential guide for investment analysts, portfolio managers, retail investors, and institutional advisors. In the CFA Institute's latest and fifth edition of Fixed Income Analysis, readers will find an authoritative and up to date coverage of how professional investment analysts consider and manage fixed-income portfolios. In the book, you'll explore contributions from a team of financial experts and thought leaders who introduce foundational concepts in the field of fixed-income securities and offer an in-depth framework for valuation that's accessible to both established and junior practitioners. The newest edition of this celebrated volume provides readers with examples that help build the necessary knowledge and skills needed to manage and analyze fixed-income portfolios. It demonstrates a real-world understanding of how the concepts discussed within are practically applied in client-based scenarios.

SERIES: CFA INSTITUTE INVESTMENT SERIES

NOVEMBER 2022 UnknownPP
978-1-119-85054-0 CL \$110.00 (Japan)
INVESTMENTS & SECURITIES

Fixed Income Analysis Workbook

5th Edition

CFA INSTITUTE

Get hands-on practice and exposure to critical concepts in fixed income analysis. In the fifth edition of the Fixed Income Analysis Workbook, readers will find an accessible guide to understanding the methods, metrics, and mechanics of fixed-income securities analysis. The Workbook delivers practice problems and answers based in the real-world, a review of the fundamentals of asset-backed securities, credit analysis discussions, and exposure to the arbitrage-free valuation framework. The Fixed Income Analysis Workbook lets you practice the tools and techniques described in the CFA Institute's industry-leading text Fixed Income Analysis, Fifth Edition, applying key concepts to practical and hands-on scenarios and vignettes.

SERIES: CFA INSTITUTE INVESTMENT SERIES

NOVEMBER 2022 UnknownPP
978-1-119-85299-5 PB \$50.00 (Japan)
INVESTMENTS & SECURITIES

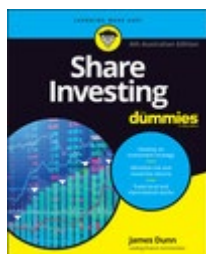
Share Investing For Dummies

4th Australian Edition

JAMES DUNN

Get sharemarket savvy and put together the perfect investment portfolio

Do you want to invest in shares, but you don't know where to start? *Share Investing For Dummies* shows you how to put together the perfect share portfolio: you'll learn, step-by-step, what to do and exactly how to do it. Uncover the timeless rules as well as the latest advice on what's hot and what's not -- and exactly how you can get started on generating easy returns on your hard-earned dollars.



With updated examples, charts and resources, this new edition shows you exactly how to spot winning shares and build a balanced portfolio where you can watch your money grow. You'll discover how you can use the ASX trading platform and the latest apps and online tools. Plus, you'll get tips on keeping your tax bill manageable with the low-down on the latest tax policies.

- Know your bear market from your bull, and cut through the jargon with clear explanations
- Understand how to analyse share prices and track trends
- Discover how to get started on building a diversified portfolio
- Develop your own successful investment strategy and trade online
- Learn the must-know information about brokers and what they can do for you
- Go global safely, with advice on how to invest internationally and protect investments overseas

This is the guide for anyone wanting a comprehensive, easy guide to investing in Australian shares. Stop wondering what you're missing out on, and get started today with this no-nonsense approach to share investing, written by celebrated Australian personal finance author and consultant James Dunn.

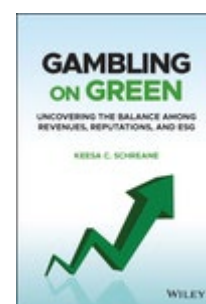
NOVEMBER 2022 UnknownPP
978-0-7303-9653-6 PB \$31.00 (Japan)
TRADING

Gambling on Green

Uncovering the Balance among Revenues, Reputations, and ESG (Environmental, Social, and Governance)

KEESA C. SCHREANE, NEW YORK, UNITED STATES

Are you an investor who wants to make the world a better place while getting stronger returns? Are you an executive building a sustainable business and seeking increased revenue? Are you curious about ESG and what it means for your community or organization? Then this book is for you!



In *Gambling on Green: Uncovering the Balance between Revenues, Reputations, and ESG*, veteran financial services executive Keesa Schreane delivers a straightforward and practical guide for business leaders and investors navigating the world of environmental, social, and governance (ESG) issues. As ESG debates and scandals find their way to both newspapers and 10-Ks, many managers feel lost and unclear about how to drive a sustainable approach. Readers will learn to identify corporate sustainability, recognize good corporate governance and social responsibility, and understand what makes a company an exemplary steward of the environment.

With compelling case studies and thoughtful analysis, *Gambling on Green* is a must-read for anyone interested in how investors and corporations are shifting their focus toward environmental, social, and governance issues. This book will earn a place on the shelves of retail and institutional investors, executives, and board members looking for a roadmap to some of the defining corporate and social issues of our time.

NOVEMBER 2022 288PP
978-1-119-89209-0 CL \$27.95 (Japan)
Finance & Investments Special Topics

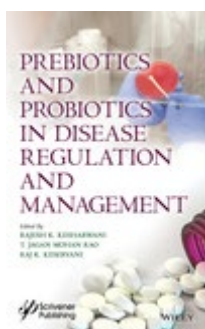
食品科学

Prebiotics and Probiotics in Disease Regulation and Management

EDITOR RAJESH KUMAR KESHARWANI, EDITOR JAGAN MOHAN RAO & EDITOR RAJ K. KESERVANI

The demand for biobased products is increasing enormously, among which are prebiotic oligosaccharides and probiotics, which occupy a major share of the food industry. Even though the majority of agro waste is currently being used for the production of 2G biofuels, agro waste such as citrus peel, sugar beet pulp, copra meal, and wheat husk can be considered for the production of prebiotic oligosaccharides. Prebiotics are dietary fibers which are selectively fermented by the microbes present in the gut and promote the growth of beneficial bacteria in the intestine and regulate the growth of harmful bacteria. Thus, help in maintaining gut homeostasis.

This book highlights the importance of nutraceuticals (prebiotics, and probiotics) in maintaining gut homeostasis, prevention and treatment of gut related disorders, as anti-cancer agent, immune-modulatory agent and in treatment of metabolic disorders. It brings out the current challenges involved in formulation and development of nutraceuticals, together with the application of nanotechnology and bioinformatics-based approaches to study the effect of nutraceuticals on oral health, and gut microflora in a very precise way.



NOVEMBER 2022 500PP
978-1-394-16627-5 CL \$225.00 (Japan)
Food Biotechnology

Product Innovation Toolbox

A Field Guide to Consumer Understanding and Research, 2nd Edition

EDITOR JACQUELINE H. BECKLEY, EDITOR DULCE PAREDES & EDITOR KANNAPON LOPETCHARAT

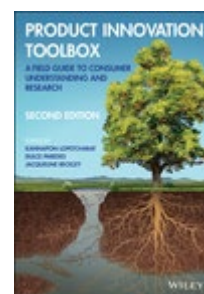
The Understanding & Insight Group, LLC; Consumer Sciences for Avon Products, Inc., Suffern, NY; Avon Products Consumer Science Department

Discover how to implement consumer-centric innovation to help create new product development in this latest edition

Product Innovation Toolbox brings together key thought leaders and seasoned consumer researchers from corporate R&D, academia, and marketing research companies to share their experiences, advanced consumer research tools and practical tips for successful and sustainable product innovation. By offering these leading-edge tools and insights, the book ensures consumer-centric innovation by linking strategy and a designed approach.

The new edition focuses on the integration and connection of all data--both structured and unstructured--for deep learning and activation, rather than a differentiated qualitative--quantitative approach, reflecting the shifting relationships involved in the latest developments in the field.

Product Innovation Toolbox is an essential resource for product developers, marketers, and technologists.



NOVEMBER 2022 544PP
978-1-119-71284-8 CL \$199.99 (Japan)
FOOD MARKETING & PRODUCT DEVELOPMENT

コンシューマーヘルス

Becoming a Personal Trainer For Dummies

2nd Edition

SHANNON AUSTIN

Strongarm your way into the fitness industry

Interested in becoming a personal trainer? *Becoming a Personal Trainer For Dummies* is, obviously, the book you need. Even if you know nothing about this career path and industry, this book will guide you through the basics and take you all the way through certification and getting your first job. We're here to enlighten you on what's involved in a personal training career and teach you everything you need to know to become certified. This updated edition covers current information on topics like social media, wearable technology, outdoor and virtual training, and newer workouts like CrossFit, Active Aging, and more.



- Learn what it's like to be a personal trainer and discover if this career is for you
- Distinguish the different types of personal training
- Get the latest on wearable technology and other tricks of the trade
- Know what to expect when getting your certification and searching for jobs or clients

Authored by a longtime fit pro who knows personal training inside and out, *Becoming a Personal Trainer For Dummies* shares expert insights in a fun, digestible way.

NOVEMBER 2022 336PP
978-1-119-89148-2 PB \$24.99 (Japan)
FITNESS

Mediterranean Diet Cookbook For Dummies

3rd Edition

MERI RAFFETTO, TEMECULA, UNITED STATES & WENDY JO PETERSON, IMPERIAL BEACH, UNITED STATES

Discover the world's healthiest and tastiest diet

Ready to transform the way you've been preparing dinner? Then it's time to dive into the *Mediterranean Diet Cookbook For Dummies*!



You'll learn to bring home the flavors of Italy, Greece, Spain, Morocco, Lebanon, and southern France, as you discover the cuisine that's been shown to reduce the risk of heart attack, diabetes, and cognitive decline while delivering extraordinary, authentic flavors.

Unlike many of the quick fix and fad diets on the market today, Mediterranean cooking styles contribute to long-term, healthy lifestyles by focusing on fruits and vegetables, legumes, whole grains, olive oils, and moderate amounts of protein and animal fats. And you'll learn how to combine and prepare these ingredients into delicious recipes, while tapping into the mindful eating habits of the Mediterranean.

Mediterranean Diet Cookbook For Dummies is the perfect hands-on guide for anyone looking for an introduction to the Mediterranean cuisine, as well as those already familiar with the diet but need some fresh recipe ideas.

NOVEMBER 2022 UnknownPP
978-1-119-85027-4 PB \$24.99 (Japan)
HEALTH, DIET & NUTRITION

ホスピタリティ

Inbounds-Outbounds between Tourism and Health

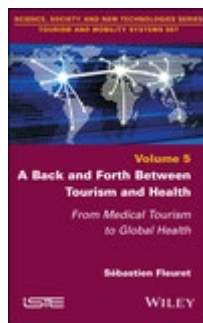
From Medical Tourism to Global Health

SEBASTIEN FLEURET

Health is an often-overlooked issue in the touristic development of territories. However, the recent pandemic linked to Covid-19, by bringing the tourism sector to a halt, has revealed the importance of health issues for this economic sector.

This book deals with the interaction between tourism and health in all its facets and offers a complete overview of the subject, the beginnings of which date back to Antiquity. The arguments presented here are based on a back-and-forth approach between tourism studies and health sciences. Various themes are thus addressed, such as health risks, health issues for travellers linked to tourism practices, medical tourism, health mobility and the global processes that accompany it, as well as the impact of tourism development on public health in destinations.

A Back and Forth Between Tourism and Health highlights the need to include the health dimension in tourism planning and invites a paradigm shift in thinking about the tourism sector.



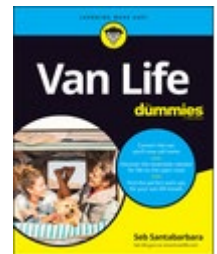
NOVEMBER 2022 256PP
978-1-78630-538-1 CL \$165.00 (Japan)
Travel & Tourism

Van Life For Dummies

SEBASTIAN SANTABARBARA, WEST YORKSHIRE, UNITED KINGDOM

Give in to the lure of the untethered life as a van lifer

Thousands of people around the world live nomadic lifestyles from the comfort of their vans or campers, free from the worries of having a permanent residence. If this growing alternative lifestyle appeals to you, *Van Life For Dummies* is your go-to guide for becoming a van lifer. You'll learn to customize your vehicle, adapt to life on the road, and find the peace and adventure you're seeking. This book makes the transition easy, helping you decide what parts of rooted life you need to take with you and what to leave behind.



- Follow the call of the open road and get started living in your van or camper
- Choose and customize a vehicle that meets your needs
- Get answers to the very important question: "where do I use the bathroom?"
- Build or carry on a career while travelling

Why enjoy life only on your vacation days? Take to the road and enjoy a simplified way of living. *Van Life For Dummies* demystifies the process and initiates you into the vibrant community of van lifers. Your adventure awaits!

NOVEMBER 2022 384PP
978-1-119-88623-5 PB \$24.99 (Japan)
Travel & Tourism

インダストリアル・エンジニアリング

4D Printing

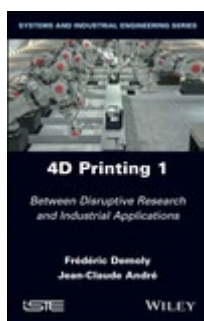
Between Disruptive Research and Industrial Applications, Volume 1

FREDERIC DEMOLY

Any time objects and their (self-)organization are to be put into use, their models and methods of thinking as well as their designing and manufacturing need to be reinvented.

4D printing is a future technology that is capable of bringing 3D objects to life. This ability, which gives objects the power to change shape or properties over time through energy stimulation from active materials and additive manufacturing, makes it possible to envisage technological breakthroughs while challenging the relationship between people and objects.

4D Printing 1 presents the different facets of this technology, providing an objective, critical and even disruptive viewpoint to enable its existence and development, and to stimulate the creative drive that industry, society and humanity need in the perpetual quest for evolution and transformation.



NOVEMBER 2022 368PP
978-1-78630-731-6 CL \$165.00 (Japan)
Industrial Engineering Special Topics

ライフスタイル

Bartending For Dummies

6th Edition

RAY FOLEY, VERO BEACH, UNITED STATES & JACKIE WILSON FOLEY,
VERO BEACH, UNITED STATES

**Make drinks like a master mixologist
with 1,000 recipes**

Bartenders are the life of the party--and it's never been easier to prepare and serve drinks that keep partygoers coming back for more! Whether you want to break into professional bartending or up your ante as a home mixologist, this clear, easy-to-follow guide has you covered. With tips on stocking your bar and working with the right tools and garnishes, as well as information on the latest liquor trends and popular new cocktails, it won't be long before you hear, "Bartender, may I have another?"

- Concoct the perfect timeless and modern drinks
- Learn how to create perfect low and no-alcohol options
- Replicate everyone's favorite ready-to-drink cocktails
- Stock your bar with the best glasses and tools



If you're looking for fresh ideas to keep your friends or customers happy, *Bartending For Dummies* is the perfect how-to resource for making a splash with great drinks.

NOVEMBER 2022 416PP
978-1-119-90044-3 PB \$19.99 (Japan)
FOOD & DRINK (GENERAL)

言語学

Electric Cars For Dummies

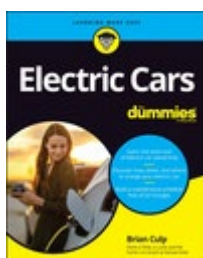
BRIAN CULP

Drive into the 21st century in an electric car

With falling cost of ownership, expanded incentives for purchasing, and more model and body type options than ever, it may finally be time to retire the old gas-guzzler and dive into the world of electric car ownership. *Electric Cars For Dummies* is your guide to becoming lightning powered, reducing your carbon footprint, and saving money on gas while you do it. This book teaches you how to select the battery-charged vehicle that fits your need and budget. It also offers insight into how to maintain your electric car, including answering all your questions about charging your vehicle. Calculate the total cost of ownership, prep your home to become one huge charger, and demystify the battery, the tune-ups and more.

- Learn the difference in cost of ownership and emissions between electric and gas-powered vehicles
- Explore your options and find an electric car that fits in your budget
- Know when and how to charge your vehicle, and what kind of maintenance it needs
- Figure out how to charge your car on the go

This is the perfect book for new and would-be electric car owners looking for guidance on buying and maintaining one of these super sleek machines.



NOVEMBER 2022 416PP
978-1-119-88735-5 PB \$24.99 (Japan)
Automotive

The Social Life of Words

A Historical Approach

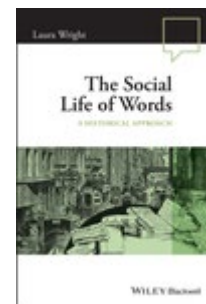
LAURA WRIGHT & SERIES EDITOR DAVID HORNSBY

A new approach to sociolinguistics, introducing the study of the social meaning of English words over time, and offering an engaging and entertaining demonstration of lexical sociolinguistic analysis

The Social Life of Words: A Historical Approach explores the rise and fall of the social properties of words, charting ways in which they take on new social connotations. Written in an engaging narrative style, this entertaining text matches up sociolinguistic theory with social history and biography to discover which kind of people used what kind of word, where and when. Social factors such as class, age, race, region, gender, occupation, religion and criminality are discussed in British and American English.

From familiar words such as *popcorn*, *porridge*, *café*, to less common words like *burgoo*, *califont*, *etna*, and phrases like *kiss me quick*, *monkey parade*, *slap-bang shop*, *The Social Life of Words* demonstrates some of the many ways a new word or phrase can develop social affiliations. Detailed yet accessible chapters cover key areas of historical sociolinguistics, including concepts such as social networks, communities of practice, indexicality and enregisterment, prototypes and stereotypes, polysemy, onomasiology, language regard, lexical appropriation, and more.

Part of Wiley Blackwell's acclaimed *Language in Society* series, *The Social Life of Words* is essential reading for upper-level undergraduate students, graduate students, postdoctoral researchers, and linguists working in sociolinguistics, lexical semantics, English lexicology, and the history and development of modern English.



SERIES: LANGUAGE IN SOCIETY

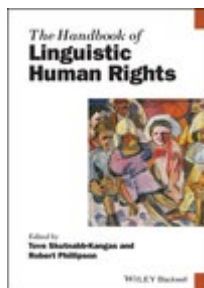
NOVEMBER 2022 208PP
978-1-119-88103-2 PB \$44.95 (Japan)
Sociolinguistics

ライフサイエンス

The Handbook of Linguistic Human Rights

EDITOR TOVE SKUTNABB-KANGAS & EDITOR ROBERT PHILLIPSON

The first book of its kind, the *Handbook of Linguistic Human Rights* presents a diverse range of theoretically grounded studies of linguistic human rights, exemplifying what linguistic justice is and how it might be achieved. Through explorations of ways in which linguistic human rights are understood in both national and international contexts, this innovative volume demonstrates how linguistic human rights are supported or violated on all continents, with a particular focus on the marginalized languages of minorities and Indigenous peoples, in industrialized countries and the Global South.



Organized into five parts, this volume first presents approaches to linguistic human rights in international and national law, political theory, sociology, economics, history, education, and critical theory. Subsequent sections address how international standards are promoted or impeded and cross-cutting issues, including translation and interpreting, endangered languages and the internet, the impact of global English, language testing, disaster situations, historical amnesia, and more.

Edited by two renowned leaders in the field, the *Handbook of Linguistic Human Rights* is an ideal resource for undergraduate and graduate students of language and law, sociolinguistics, applied linguistics, language policy, language education, indigenous studies, language rights, human rights, and globalization.

SERIES: BLACKWELL HANDBOOKS IN LINGUISTICS

NOVEMBER 2022 816PP
978-1-119-75384-1 CL \$195.00 (Japan)
Linguistics Special Topics

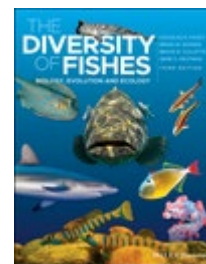
The Diversity of Fishes

Biology, Evolution and Ecology, 3rd Edition

DOUGLAS E. FACEY, BRIAN W. BOWEN, BRUCE B. COLLETTE & GENE HELFMAN

Saint Michaels College; University of Hawaii; National Marine Fisheries Service, National Museum of Natural History, Washington; University of Georgia, Athens

The third edition of *The Diversity of Fishes* is a major revision of the widely adopted ichthyology textbook, incorporating the latest advances in the biology of fishes, covering taxonomy, anatomy, physiology, biogeography, ecology, and behavior. Key information on the evolution of various fishes is also presented, providing expansive and conclusive coverage on all key topics pertaining to the field.



To aid in reader comprehension, each chapter begins with a summary that provides a broad overview of the content of that chapter, which may be particularly useful for those using the text for a course who don't intend to address some chapters in detail. Detailed color photographs throughout the book demonstrate just some of the diversity and beauty of fishes that attract many to the field. A companion website provides related videos selected by the authors, instructor resources, and additional references and websites for further reading.

For students, instructors, and individuals with an interest in ichthyology, *The Diversity of Fishes* is an all-in-one introductory resource to the field, presenting vast opportunity for learning, many additional resources to aid in information retention, and helpful recommendations on where to go to explore specific topics further.

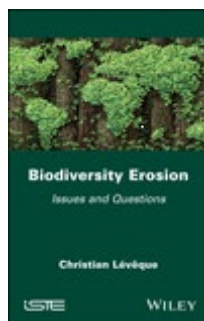
NOVEMBER 2022 720PP
978-1-119-34191-8 CL \$80.00 (Japan)
ECOLOGY & ORGANISMAL BIOLOGY

Biodiversity Erosion

Issues and Questions

CHRISTIAN LÉVÊQUE

The erosion of biodiversity is currently highly publicized. Militant movements accuse humans of destroying nature and being responsible for a sixth mass extinction. However, this anxiety-provoking message is sometimes based on misconceptions, false or partisan ideas, and media relays that favor and amplify alarmist information. If the situation of certain populations is worrying, it is not a general phenomenon because others are expanding. Rather than holding a globalizing discourse, it is necessary to recontextualize and relativize the debate to better define the necessary actions.



Biodiversity Erosion analyzes numerous scientific publications, as well as alarming discussions, emphasizing the multiple biases present in the way information is presented. This book questions the relevance of the notion of species and the desire to compile an inventory of all living things. It argues for a less Manichean approach to our relationship with nature.

NOVEMBER 2022 256PP
978-1-78630-762-0 CL \$165.00 (Japan)
Biodiversity

Unravelling Long COVID

DON GOLDENBERG & MARC DICHTER

An authoritative medical reference on the various ways in which Long-COVID presents and an in-depth discussion of its mechanisms and therapeutic options.



Unravelling Long-COVID aims to provide a better awareness and understanding of the persistent health problems that can arise following SARS-CoV-2 infection. Various described as Long-COVID, Long-Haulers' Syndrome, and Post-Acute Sequelae of SARS-CoV-2, this newly-designated disorder is estimated to have affected somewhere between 50 to 250 million people. It is in fact considered by many as the next global public health disaster.

With such a broad and important topic, the authors of *Unravelling Long-COVID* have focused primarily on two major problems in the current understanding of Long-COVID: 1.) the failure to distinguish patients with organ damage--here called Long-COVID Disease -- and those with unexplained, persistent symptoms--what is termed Long-COVID syndrome, 2.) and the failure of current medical approaches to comprehend and treat those persistent unexplained symptoms

Unravelling Long-COVID is:

- One of the first books focused specifically on defining and understanding Long-COVID with the goal of establishing optimal management
- A unique reference to distinguish patients with organ damage caused by Long-COVID disease from those with unexplained, persistent symptoms that manifest as Long-COVID syndrome
- An in-depth exploration of neuroimmune pathways to help clarify the previously unexplained symptoms of Long-COVID

Unravelling Long-COVID is an essential reference for anyone interested in Long-COVID and the impact that this condition has had on the population. It will be a useful resource for the growing number of Long-COVID clinics that have been established across the US, the UK, and other countries.

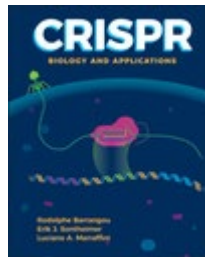
NOVEMBER 2022 256PP
978-1-119-89130-7 CL \$130.00 (Japan)
Microbiology & Virology

CRISPR

Biology and Applications

EDITOR RODOLPHE BARRANGOU, EDITOR ERIK SONTHEIMER &
EDITOR LUCIANO MARRAFFINI

CRISPR-Cas systems have revolutionized the science of gene editing and their possible applications continue to expand, from basic research to potentially groundbreaking medical and commercial uses.



Led by a distinguished team of editors, *CRISPR: Biology and Applications* explores the subject matter needed to delve into this fascinating area. Topics covered include:

- Classification and molecular mechanisms of CRISPR-Cas systems
- CRISPR-Cas evolution, regulation, expression, and function
- Uses for gene editing and modulation of gene expression
- CRISPR-based antimicrobials and phage resistance for medical and industrial purposes

Written by internationally renowned authors, *CRISPR: Biology and Applications* serves as both an introductory guide for those new to the field and an authoritative reference for seasoned researchers whose work touches this evolving and headline- making science.

SERIES: ASM BOOKS

NOVEMBER 2022 304PP
978-1-68367-037-7 CL \$140.00 (Japan)
Molecular Genetics

Science and Philosophy of Behavior

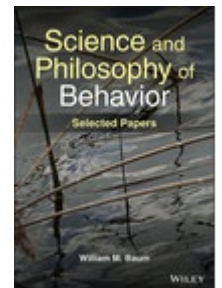
Selected Papers

WILLIAM M. BAUM

University of New Hampshire

Rediscover the science and philosophy of behavior

In *Science and Philosophy of Behavior: Selected Papers*, distinguished researcher W. M. Baum delivers an expansive collection of incisive papers setting out a new paradigm of thinking about behavior. The book offers only articles that put forward a philosophical and theoretical framework for an effective natural science of behavior. Quantitative analysis is largely avoided (except for a paper on, of all things, avoidance).



Organized into three parts, the author explains the flow-like nature of behavior and its link to evolution, as well as descriptions of a pure form of behaviorism that correct some flaws in B.F. Skinner's seminal works. The book also links behaviorism to anthropology in its final section.

Readers will also find:

- Fulsome descriptions of the molar nature of behavior and why the molecular view is misguided
- Re-imaginings of the concept of reinforcement, including considerations of allocation, induction, and contingency
- Explorations of the links between behavior analysis and Darwinian evolutionary processes

An essential critique--and reorganization--of behavior theory and philosophy, *Science and Philosophy of Behavior: Selected Papers* is a controversial, fascinating, and eye-opening journey through a half-century of transformational work in the field.

NOVEMBER 2022 400PP
978-1-119-88086-8 PB \$48.95 (Japan)
Animal Behavior

文学

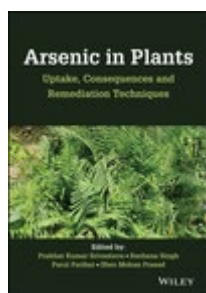
Arsenic in Plants

Uptake, Consequences and Remediation
Techniques

EDITOR PRABHAT KUMAR SRIVASTAVA, EDITOR RACHANA
SINGH, EDITOR PARUL PARIHAR & EDITOR SHEO MOHAN
PRASAD

**Comprehensive resource detailing
the chemistry, toxicity and impact of
arsenic in plants, and solutions to
the problem**

Arsenic in Plants: Uptake, Consequences and Remediation Techniques provides comprehensive coverage of the subject, detailing arsenic in our environment, the usage of arsenicals in crop fields, phytotoxicity of arsenic and arsenic's impact on the morphology, anatomy and quantitative and qualitative traits of different plant groups, including their physiology and biochemistry. The work emphasizes the occurrence of arsenic, its speciation and transportation in plants as well as differences in mechanisms of tolerance in hyper-accumulator and non-accumulator plants.



Throughout the text, the highly qualified authors delve into every facet of the interaction of arsenic with plants, including the ionomics, genomics, transcriptomics and proteomics in relation to arsenic toxicity, impact of exogenous phytohormones and growth-regulating substances, management of arsenic contamination in the soil-plant continuum, phytoremediation of arsenic toxicity and physical removal of arsenic from water. General discussion has also been included on subjects such as the ways through which this metalloid affects plant and human systems.

Researchers, academics, and students of plant physiology, biotechnology, and agriculture will find valuable information in *Arsenic in Plants* to understand this pressing subject in full, along with its implications and how we can adapt our strategies and behaviors to promote reduced contamination through practical applications.

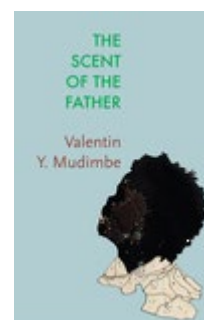
NOVEMBER 2022 448PP
978-1-119-79142-3 CL \$235.00 (Japan)
Plant Physiology

The Scent of the Father

Essay on the Limits of Life and Science in
sub-Saharan Africa

VALENTIN Y. MUDIMBE & TRANSLATED BY JONATHAN
ADJEMIAN

READERSHIP: Students and scholars in philosophy, cultural theory and the humanities generally, and anyone interested in contemporary debates around colonization, decolonization, the postcolonial and race.



SERIES: CRITICAL SOUTH

NOVEMBER 2022 200PP
978-1-5095-5138-5 CL \$64.95 (Japan)
978-1-5095-5139-2 PB \$24.95 (Japan)
Postcolonial Theory

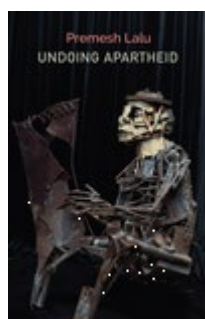
Undoing Apartheid

PREMESH LALU

READERSHIP: Students and scholars in critical theory, literary studies, humanities, race and ethnicity studies, and African studies.

SERIES: CRITICAL SOUTH

NOVEMBER 2022 202PP
978-1-5095-5282-5 CL \$64.95 (Japan)
978-1-5095-5283-2 PB \$24.95 (Japan)
Literary Criticism & History



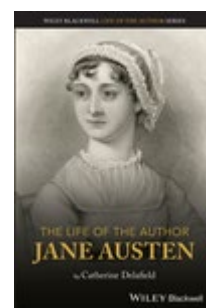
The Life of the Author: Jane Austen

CATHERINE DELAFIELD

A fresh approach to building the life of Jane Austen through her letters, demonstrating that a well-known life can be reframed by being grounded in evidence of that life

The Life of the Author: Jane Austen takes readers on a literary-biographical journey through Austen's life in letters.

Using a unique non-linear approach, author Catherine Delafield explores three frames for Austen's literary life--family, correspondents, and fiction--to suggest new pathways for the interpretation of life writing about one of the most popular and influential English novelists of all time. Delafield addresses multiple aspects of Austen's epistolary practice and the ways in which her letters, juvenile writings, and unpublished novels have been overlaid on both biography and fiction.



Throughout the text, special attention is paid to the changing view of women's correspondence as personal record and to Cassandra Austen's role as editor of her sister's surviving letters. The book opens with selected readings from Austen's letters and a review of the family treatment of the life. Subsequent chapters discuss the female circle of correspondents in both extant and missing letters, the letter content and structure of Austen's novels, the use of letters as representations of places and spaces based on Austen's own lived experience of epistolary communication, and more.

The Life of the Author: Jane Austen is an excellent text for undergraduate and graduate courses on the novel, women's writing, British writing, and life writing, as well as for general readers with interest in gaining new perspectives on Austen's chronological life and literary output.

SERIES: THE LIFE OF THE AUTHOR

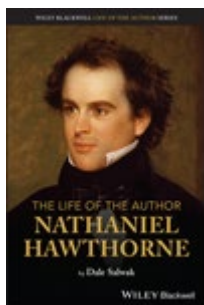
NOVEMBER 2022 224PP
978-1-119-77934-6 PB \$24.95 (Japan)
Literary Biography

The Life of the Author: Nathaniel Hawthorne

DALE SALWAK

The first major Hawthorne biography to be published in two decades, featuring original scholarship on both unpublished and published sources

The Life of the Author: Nathaniel Hawthorne presents a rich and nuanced portrait of one of America's greatest writers, exploring the thoughts and ideas of a man whose profound insights about the human condition continue to resonate in the modern day. Accessible to those with little knowledge of Hawthorne, this unique volume uses a new biographical approach based on exhaustive primary research that provides readers with a better understanding of the artist and his work.



Author Dale Salwak challenges the presumption that Hawthorne was a reclusive, eccentric, and alienated man whose relevance to modern times is diminishing. Drawing from his forty-five years' experience reading, studying, and teaching Hawthorne, the author reveals a more approachable Hawthorne. In-depth and reflective chapters explore topics such as the circumstances that led Hawthorne to become a writer, the influence of Sophia Hawthorne on her husband's work, the theory of the unfulfilled homoerotic relationship between Hawthorne and Herman Melville, and more.

Highlighting Hawthorne's special contributions to American literature, *The Life of the Author: Nathaniel Hawthorne* is essential reading for scholars, lecturers, and college students taking courses including Literary History, American Literature, and History of the Novel as well as anyone interested in biography, literature, and creativity

SERIES: THE LIFE OF THE AUTHOR

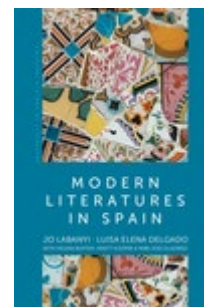
OCTOBER 2022 224PP
978-1-119-77181-4 PB \$24.95 (Japan)
Literary Biography

Modern Literatures in Spain

JO LABANYI, LUISA ELENA DELGADO, HELENA BUFFERY & KIRSTY HOOPER

New York University, USA

READERSHIP: First year undergraduates of Spanish Literature and Culture. Required reading in surveys (undergraduate and graduate) of Modern Spanish Literature/Culture. Such courses are typically required as part of the Spanish major and are most common at universities that offer advanced literary and cultural studies of Spain. Recommended reading for courses where literature is taught in broader cultural modules alongside film.



SERIES: CULTURAL HISTORY OF LITERATURE

NOVEMBER 2022 288PP
978-0-7456-3495-1 CL \$69.95 (Japan)
978-0-7456-3496-8 PB \$24.95 (Japan)
European Literature

数学

Modeling and Use of Context in Action

EDITOR PATRICK BRÉZILLON & EDITOR ROY M. TURNER

This book brings together current research and adopts a pragmatic approach to modeling and using context to solve real-world problems. The editors were instrumental in creating - and continue to be involved in - the interdisciplinary research community, centered around the biennial CONTEXT (International and Interdisciplinary Conference on Modeling and Using Context) conference series, focused on studying context and its implications for artificial intelligence, software applications, psychology, philosophy, linguistics, neuroscience, as well as other fields.



The first three chapters lay the foundations, looking at the lessons learned over the past 25 years and arguing for a continued shift toward more pragmatic approaches. The remaining chapters contain contributions to pragmatic context-based research from a wide range of domains, including technological problems - such as subway incident management and autonomous underwater vehicle control - identifying emotions from speech without understanding the words, anonymization in a world where privacy is increasingly threatened, teaching in context and improving management teaching in a business school.

NOVEMBER 2022 320PP
978-1-78630-829-0 CL \$165.00 (Japan)
Mathematical Modeling

Distributions

JACQUES SIMON

ESPCI, Paris, France

This book presents a simple and original theory of distributions, both real and vector, adapted to the study of partial differential equations. It deals with value distributions in a Neumann space, that is, in which any Cauchy suite converges, which encompasses the Banach and Fréchet spaces and the same "weak" spaces. Alongside the usual operations -- derivation, product, variable change, variable separation, restriction, extension and regularization -- Distributions presents a new operation: weighting.



This operation produces properties similar to those of convolution for distributions defined in any open space. Emphasis is placed on the extraction of convergent sub-sequences, the existence and study of primitives and the representation by gradient or by derivatives of continuous functions. Constructive methods are used to make these tools accessible to students and engineers.

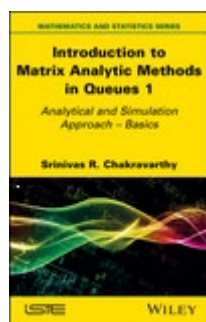
NOVEMBER 2022 416PP
978-1-78630-525-1 CL \$165.00 (Japan)
Mathematics

Introduction to Matrix-Analytic Methods in Queues 1

Analytical and Simulation Approach

SRINIVAS R. CHAKRAVARTHY

Matrix-analytic methods (MAM) were introduced by Professor Marcel Neuts and have been applied to a variety of stochastic models since. In order to provide a clear and deep understanding of MAM while showing their power, this book presents MAM concepts and explains the results using a number of worked-out examples.



This book's approach will inform and kindle the interest of researchers attracted to this fertile field. To allow readers to practice and gain experience in the algorithmic and computational procedures of MAM, *Introduction to Matrix Analytic Methods in Queues 1* provides a number of computational exercises. It also incorporates simulation as another tool for studying complex stochastic models, especially when the state space of the underlying stochastic models under analytic study grows exponentially.

The book's detailed approach will make it more accessible for readers interested in learning about MAM in stochastic models.

NOVEMBER 2022 368PP
978-1-78630-732-3 CL \$165.00 (Japan)
Mathematics

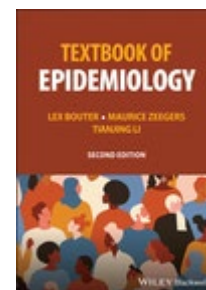
Textbook of Epidemiology

2nd Edition

LEX BOUTER, MAURICE ZEEGERS & TINJING LEE

The gold standard in epidemiological texts

In the second edition of *Textbook of Epidemiology*, a distinguished team of researchers deliver an extensively updated and comprehensive exploration of epidemiological methods, illuminating the tools for studying the distribution and risk factors of health states and events in populations.



- An introduction to epidemiological methods with recent and broadly applicable examples
- End-of-chapter self-assessment questions for readers to check their understanding of key concepts, with answer keys and further enrichment materials available on a companion website
- A brand-new chapter covering methods for systematic reviews and meta-analysis
- Accessible material appropriate for clinical practitioners and researchers from around the world

Perfect for professionals working in clinical medicine and public health, *Textbook of Epidemiology* will also earn a place in the libraries of allied health professionals seeking a one-stop resource or to re-immers themselves in specific methodological topics and practices.

NOVEMBER 2022 256PP
978-1-119-77602-4 PB \$60.00 (Japan)
Medical Statistics & Epidemiology

Anesthesia for Congenital Heart Disease

4th Edition

EDITOR DEAN B. ANDROPOULOS, EDITOR EMAD B. MOSSAD &
EDITOR ERIN A. GOTTLIEB

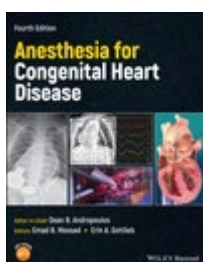
Baylor College of Medicine, Houston, Texas; Director, Arthur
S. Keats Division of Pediatric Cardiovascular Anesthesiology

An Extensive Reference Work Detailing the Procedures, Knowledge, and Approaches in Anesthesia for Congenital Heart Disease

In the 4th edition of *Anesthesia for Congenital Heart Disease*, a distinguished group of expert authors in congenital heart disease from all over the world provide a thorough, comprehensive and fully updated overview of the specifics of congenital heart disease (CHD), and the intricacies involved with administering anesthetic care to patients who suffer from the myriad of lesions encompassed by CHD.

In the seven years since the 3rd Edition of *Anesthesia for Congenital Heart Disease* was published, an explosion of new procedures, approaches, and patients eligible for anesthetic care has occurred. The goal of *Anesthesia for Congenital Heart Disease, Fourth Edition* is to help readers understand all of the recent advancements and developments in the field while also imparting a foundation of essential historical knowledge.

Anesthesia for Congenital Heart Disease, Fourth Edition serves as a thorough and in-depth reference work and is an essential resource for practitioners providing perioperative care to CHD patients.



DECEMBER 2022 1000PP
978-1-119-79165-2 CL \$275.00 (Japan)
INTERVENTIONAL CARDIOLOGY

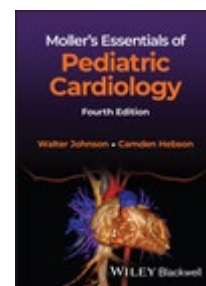
Moller's Essentials of Pediatric Cardiology

4th Edition

WALTER H. JOHNSON & CAMDEN HEBSON

University of Alabama at Birmingham, USA

Built on the success of previous editions and brought to you by a stellar author team, Moller's Essentials of Pediatric Cardiology, 4th Edition provides a unique, concise, and extremely practical overview of heart disease in children. From history-taking, physical examination, ECG, and chest X-ray--the basics that enable clinicians to uncover possible problems and eliminate areas of false concern--this work goes on to examine the range of more complex topics in the diagnosis and treatment/management of childhood cardiovascular disease. In addition, every chapter is fully updated with the very latest clinical guidelines and management options from the AHA, ACC, and ESC.



Recent updates include an enhanced section on imaging, including recent advances in cardiac MRI and fetal echocardiography, new techniques in genetic testing for heart disease in special populations, and much more emphasis on the importance of echocardiography in understanding the pathophysiology of congenital cardiac malformations. This work also includes an expanded section on cardiac conditions in the neonate, specifically on prenatal diagnosis and management, and neonatal screening for congenital heart disease.

Moller's Essentials of Pediatric Cardiology, 4th Edition is a succinct and accessible yet highly detailed and informative resource for treating children suffering from heart disease. It is an invaluable reference for anyone working on a multidisciplinary team treating patients with these attributes.

NOVEMBER 2022 400PP
978-1-119-82973-7 PB \$85.00 (Japan)
PEDIATRIC CARDIOLOGY

Pediatric Cardiac Surgery

5th Edition

CONSTANTINE MAVROUDIS, CARL BACKER, ROBERT ANDERSON, DIANE SPICER, JEFFREY P. JACOBS, CYNTHIA RIGSBY & RACHID F. IDRIS

Explore the leading textbook of pediatric cardiac surgery in this easy-to-read and beautifully illustrated volume.

The field of pediatric cardiovascular surgery includes not only heart surgery for infants and children, but also adult heart surgery to correct congenital heart defects which have been present since birth. As infant mortality from heart defects declines and patients with congenital heart defects live increasingly long and healthy lives, new challenges emerge and as such, the need for introductions to this life-saving field has never been greater.

For more than thirty years, *Pediatric Cardiac Surgery* has met this need with an accessible, comprehensive textbook used by professionals at every level of the field. Featuring full color illustrations, this book offers an introduction to the science of cardiovascular development before moving to detailed analysis of defects in different areas of the heart and their corrective procedures. This updated fifth edition incorporates the latest science to remain the indispensable work on this subject.

In *Pediatric Cardiac Surgery*, 5th edition readers will also find:

- Contributions from over 75 national and international experts in the field
- Stunning anatomical illustrations by Rachid Idriss
- New chapters reflecting cutting-edge research, as well as new material throughout pertaining to cardiac imaging and medical education

Pediatric Cardiac Surgery is essential for pediatric and adult cardiac surgeons, cardiologists, and all medical professionals working with pediatric or adult cardiovascular patients.

NOVEMBER 2022 1104PP
978-1-119-28231-0 CL \$299.95 (Japan)
PEDIATRIC CARDIOLOGY

ABC of Major Trauma

Rescue, Resuscitation with Imaging, and Rehabilitation, 5th Edition

EDITOR PETER A. DRISCOLL, EDITOR DAVID V. SKINNER & EDITOR PETER N. GOODE

Hope Hospital, Salford, UK; John Radcliffe Hospital, Oxford, UK

An authoritative overview of the management and treatment of major trauma patients

In the newly revised, and substantially expanded, Fifth Edition of *ABC of Major Trauma*, an eminent team of leading trauma specialists delivers a comprehensive, up-to-date, referenced overview of the emergency treatment of patients suffering from major trauma.

Covering all aspects of the management of injured patients during the initial, crucial hours after injury, the scope of the book has developed to include imaging appendices for many chapters. The editors have included resources that discuss general considerations for typical trauma cases, as well as the numerous atypical patients including children, the elderly and those who are pregnant. Hyperlinks are now also included throughout the book which enable the reader to refer to continuously updated guidelines.

Perfect for all those involved in the care of the trauma patient, including nurses, physician associates, hospital doctors, paramedics and pre-hospital teams, the *ABC of Major Trauma* is a one-stop referenced guide to the care of such patients from the site of injury to maximal recovery.



SERIES: ABC SERIES

NOVEMBER 2022 512PP
978-1-119-49885-8 PB \$55.99 (Japan)
EMERGENCY MEDICINE & TRAUMA

Haematology

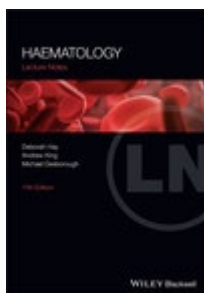
11th Edition

DEBORAH HAY, ANDREW KING & MICHAEL DESBOROUGH

Weatherall Institute of Molecular Medicine, Oxford

The definitive overview of haematology and its recent developments

Haematology has advanced considerably in recent decades. As new developments emerge, there is a continuous need for an accessible and up-to-date survey for medical students, discussing the major haematological disorders, their clinical presentations, their treatments, and more.



Written by specialists with an interest in medical education, *Lecture Notes: Haematology* is a succinct, highly illustrated student guide to the essentials of this important field. It integrates the physiological, pathological, and clinical dimensions of haematology in a single comprehensive guide, and provides medical students and early-career clinicians with the core knowledge required to succeed in the subject. The 11th edition of this guide includes updated sections and expanded chapters detailing the newest advances in the field.

In this 11th edition of *Lecture Notes: Haematology*, readers will also find:

- Discussion of both pathogenesis and management of all major haematological disorders
- Online clinical cases with >150 multiple choice questions to allow you to test and apply your knowledge

Lecture Notes: Haematology, 11th edition is a valuable resource for medical students and junior doctors looking to increase their expertise in this medical specialty.

SERIES: LECTURE NOTES

NOVEMBER 2022 192PP
978-1-119-84120-3 PB \$45.00 (Japan)
HEMATOLOGY

Hirsch and Brenner's Atlas of EEG in Critical Care

2nd Edition

LAWRENCE J. HIRSCH, MICHAEL W. K. FONG & CONTRIBUTIONS BY RICHARD BRENNER

Columbia University; University of Pittsburgh School of Medicine

An essential resource enabling the rapid detection of clinically relevant EEG patterns in the ICU setting



In the newly revised Second Edition of *Atlas of EEG in Critical Care*, a team of distinguished medical professionals deliver a highly illustrated, accessible, and authoritative guide to EEGs in critically ill patients. The book highlights key diagnostic patterns, enabling clinicians to make rapid, accurate diagnoses of all major critical conditions, including seizures, stroke, and coma. The authors offer up-to-date coverage of continuous and quantitative EEG methods, including explanations of the American Clinical Neurophysiology Society's 2021 Terminology for Critical Care EEG.

The new edition provides readers with a wide range of presentations seen in typical intensive care units and utilizes extensive color arrows and boxes to highlight the patterns in EEG traces. It explores methods of data management and trending that are central to long-term monitoring and covers invasive recordings, including multi-modal monitoring.

Perfect for neurologists, EEG'ers and neurointensivists, the latest edition of *Atlas of EEG in Critical Care* will also earn a place in the libraries of neurology trainees seeking a practical and accessible collection of EEG traces from intensive care patients.

NOVEMBER 2022 560PP
978-1-118-75289-0 CL \$125.00 (Japan)
NEUROLOGY

Trauma-Informed Parenting Program

TIPs for Clinicians to Train Parents of Children Impacted by Trauma and Adversity

CARRYL P. NAVALTA

A critical handbook for clinicians treating trauma-impacted children

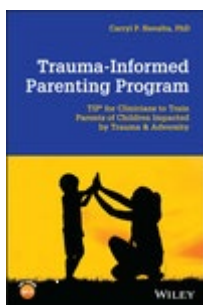
Trauma-Informed Parenting Program (TIPs for Parents): A Guide for Clinicians to Teach Parents How to Foster their Children's Emotion Regulation delivers essential information about involving the parents of trauma-impacted children in their clinical care. In the book, distinguished practitioner Carryl P. Navalta walks readers through the assessment, conceptualization, and treatment of children affected by adverse childhood events and the steps necessary to teach parents how to foster their child's behavioral regulation.

The author also includes:

- Thorough introductions to trauma, including descriptions of its historical roots and its prevalence in various populations.
- A blueprint to successfully conceptualizing cases, including the creation of effective clinical formulations that integrate, identify, and define the primary problems facing the child
- A comprehensive discussion of treatment plan creation, including explorations of goal development, objective construction, intervention creation, and diagnosis determination

A must-read guide to the holistic clinical treatment of trauma-impacted children and children experiencing adverse childhood events, *Trauma-Informed Parenting Program (TIPs for Parents): A Guide for Clinicians to Teach Parents How to Foster their Children's Emotion Regulation* belongs on the bookshelves of any clinician hoping to maximize the beneficial potential of the parents of their clients over the course of their treatment.

NOVEMBER 2022 192PP
978-1-119-77236-1 PB \$39.95 (Japan)
Pediatrics



Ultrasound Technology for Clinical Practitioners

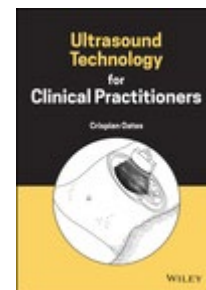
CRISPIAN OATES

A hands-on and practical roadmap to ultrasound technology for clinical practitioners who use it every day

In *Ultrasound Technology for Clinical Practitioners*, distinguished medical physicist and vascular ultrasound scientist Crispian Oates delivers an accessible and practical resource written for the everyday clinical user of ultrasound. The book offers complete descriptions of the latest techniques in ultrasound, including ultrafast ultrasound and elastography, providing an up-to-date and relevant resource for educators, students, and practitioners alike.

Ultrasound Technology for Clinical Practitioners uses a first-person perspective that walks readers through a relevant and memorable story containing necessary information, simplifying retention and learning. It makes extensive use of bulleted lists, diagrams, and images, and relies on mathematics and equations only where necessary to illustrate the relationship between other factors. Physics examples come from commonly known contexts that readers can relate to their everyday lives, and additional description boxes offer optional, helpful info in some topic areas.

Perfect for sonographers, echocardiographers, and vascular scientists, *Ultrasound Technology for Clinical Practitioners* will also earn a place in the libraries of radiologists, cardiologists, emergency medicine specialists, and all other clinical users of ultrasound.



NOVEMBER 2022 320PP
978-1-119-89155-0 CL \$120.00 (Japan)
Ultrasound

The Respiratory System at a Glance

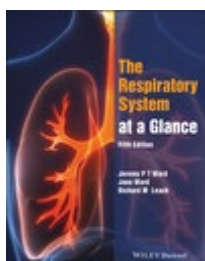
5th Edition

JEREMY P. T. WARD, JANE WARD & RICHARD M. LEACH

King's College, London; Guy's, King's & St Thomas' School of Medicine; St Thomas' Hospital

Highly-illustrated overview of the structure and function of the lungs and airways, with sections on history, examination, pathophysiology, treatment and management

Respiratory System at a Glance is a comprehensive guide to normal lung structure and function and associated pathophysiology, featuring key information on all major respiratory disorders.



As per the familiar, easy-to-use 'at a Glance' format, each topic is presented as a double-page spread, with key facts accompanied by clear diagrams that encapsulate essential knowledge. This 'one-stop' resource has been revised and updated for this 5th edition to include recent advances in our understanding and/or treatment of (e.g.) asthma, COPD, pulmonary vasculitis, sarcoidosis, cystic fibrosis and respiratory infections (including COVID-19), and the most recent national clinical management guidelines.

The accompanying website includes self-assessment case studies, and flashcards and MCQs to support learning or for review.

With accompanying self-assessment clinical cases and multiple-choice questions, *The Respiratory System at a Glance* is the ideal companion for anyone about to start a respiratory module or rotation, and will appeal to medical students and junior doctors, as well as nurses, dentists, physiotherapists, technicians, and biomedical scientists.

SERIES: AT A GLANCE

NOVEMBER 2022 128PP
978-1-119-70019-7 PB \$37.95 (Japan)
RESPIRATORY MEDICINE

Promoting Physical Activity in Childhood-Onset Disabilities

DÉSIRÉE B MALTAIS & REIDUN JAHNSEN

Individuals with childhood-onset physical and developmental disabilities often have special needs around exercise and physical activity. However, most books on this topic are written for exercise science experts who may not always be the frontline service provider. The aim of this practical guide is to enable clinicians, and others involved in the provision of rehabilitation services to train and foster physical activity and physical fitness across the lifespan. It includes chapters on the principles of fitness testing and training, how to engage safely in physical activity, how to measure physical activity levels tracking progress and what to do if pain arises. It includes disorder-specific chapters that apply the general principles of physical activity training to specific diagnoses including autism, traumatic brain injury and juvenile arthritis.



SERIES: MAC KEITH PRESS PRACTICAL GUIDES

NOVEMBER 2022 244PP
978-1-911612-12-4 PB \$50.00 (Japan)
Physical Rehabilitation

材料科学

Researching Medical Education

2nd Edition

EDITOR JENNIFER CLELAND & EDITOR STEVEN J. DURNING

University of Aberdeen; Uniformed Services University,
Bethesda

Researching Medical Education is an authoritative guide to excellence in educational research within the healthcare professions. This text provides readers with key foundational knowledge, while introducing a range of theories and how to use them, illustrating a diversity of methods and their use, and giving guidance on practical researcher development. By linking theory, design, and methods across the spectrum of health professions education research, the text supports the improvement of quality, capacity building, and knowledge generation.



Researching Medical Education includes contributions from experts and emerging researchers from five continents. The text includes information on:

- Developing yourself and your practice as a health professions education researcher
- Methods and methodologies, including ethnography/digital ethnography, visual methods, critical discourse analysis, functional and corpus linguistics, critical pedagogy, critical race theory and participatory action research and educational neuroscience methods
- Theories, including those where relationships between context, environment, people and things matter (e.g., complexity theory, activity theory, sociomateriality, social cognitive theories and participatory practice) and those which are more individually focused (e.g., health behaviour theories, emotions in learning, instructional design, cognitive load theory and deliberate practice)
- Includes 10 brand new chapters

Researching Medical Education is the ideal resource for anyone researching health professions education, from medical school to postgraduate training to continuing professional development.

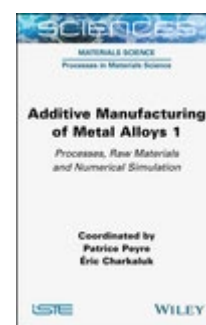
NOVEMBER 2022 368PP
978-1-119-83941-5 PB \$65.00 (Japan)
MEDICAL EDUCATION

Additive Manufacturing of Metal Alloys

Processes, Raw Materials and Numerical Simulation

EDITOR PATRICE PEYRE & EDITOR ERIC CHARKALUK

Over the last decade or so, additive manufacturing has revolutionized design and manufacturing methods by allowing more freedom in design and functionalities unattainable with conventional processes. This has generated extraordinarily high interest in both industrial and academic communities.

*Additive Manufacturing of Metal Alloys*

1 puts forward a state of the art of additive manufacturing and its different processes, from metallic raw materials (in the form of powder or wire) to their properties after elaboration. It analyzes the physics and the modelling of existing AM processes as well as future elaboration processes.

Using a balanced approach encapsulating basic notions and more advanced aspects for each theme, this book acts as a metal additive manufacturing textbook, as useful to professionals in the field as to the general public.

NOVEMBER 2022 272PP
978-1-78945-054-5 CL \$165.00 (Japan)
Metals & Alloys

Van der Waals Heterostructures

Fabrications, Properties and Applications

EDITOR YUE ZHANG & EDITOR ZHENG ZHANG

A comprehensive resource systematically detailing the developments and applications of van der Waals heterostructures and devices

Van der Waals Heterostructures and Devices is essential reading to understand the developments made in van der Waals heterostructures and devices in all aspects, from basic synthesis to physical analysis and heterostructures assembling to devices applications, including demonstrated applications of van der Waals heterostructure on electronics, optoelectronics, and energy conversion, such as solar energy, hydrogen energy, batteries, catalysts, biotechnology, and more.

This book starts from an in-depth introduction of van der Waals interactions in layered materials and the forming of mixed-dimensional heterostructures via van der Waals force. It then comprehensively summarizes the synthetic methods, devices building processes and physical mechanism of 2D van der Waals heterostructures, and devices including 2D-2D electronics, 2D-2D optoelectronics, and mixed dimensional van der Waals heterostructures.

With its unique insight into a breakout field that has an immense impact on a wide variety of practical applications, *Van der Waals Heterostructures and Devices* is a highly useful reference that is greatly needed by researchers working on 2D materials, electronics, and any facet of semiconductors.



NOVEMBER 2022 352PP
978-3-527-34950-0 CL \$170.00 (Japan)
Electronic Materials

Physics, Optics, and Spectroscopy of Materials

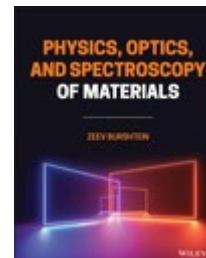
ZEEV BURSHTAIN

Bridges a gap that exists between optical spectroscopists and laser systems developers

Physics, Optics, and Spectroscopy of Materials provides professionals and students in materials science and engineering, optics, and spectroscopy a basic understanding and tools for stimulating current research, as well as developing and implementing new laser devices in optical spectroscopy. The author—a noted expert on that subject matter—covers a wide range of topics including: effects of light and matter interaction such as light absorption, emission and scattering by atoms and molecules; energy levels in hydrogen, hydrogen-like atoms, and many electron atoms; electronic structure of molecules, classification of vibrational and rotational motions of molecules, wave propagation and oscillations in dielectric solids, light propagation in isotropic and anisotropic solids, including frequency doubling dividing and shifting, solid materials optics, and lasers.

The book provides a basic overview of the laser and its comprising components. For example, the text describes methods for achieving fast Q-switching in laser cavities, and illustrates examples of several specific laser systems used in industry and scientific research.

Written for research scientists and students in the fields of laser science and technology and materials optical spectroscopy, *Physics, Optics, and Spectroscopy of Materials* covers knowledge gaps for concepts including oscillator strength, allowed and forbidden transitions between electronic and vibrational states, Raman scattering, and group-theoretical states nomenclature.



NOVEMBER 2022 544PP
978-1-119-76873-9 CL \$185.00 (Japan)
Optical and Non-Linear Optical Materials

Practical Guide to Materials Characterization

Techniques and Applications

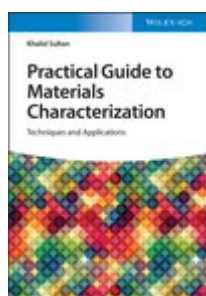
KHALID SULTAN

Practice-oriented resource providing a hands-on overview of the most relevant materials characterization techniques in chemistry, physics, engineering, and more

Practical Guide to Materials Characterization focuses on the most widely used experimental approaches for structural, morphological, and spectroscopic characterization of materials, providing background, insights on the correct usage of the respective techniques, and the interpretation of the results. With a focus on practical applications, the work illustrates what to use and when, including real-life examples showing which characterization techniques are best suited for particular purposes. Furthermore, the work covers the practical elements of the analytical techniques used to characterize a wide range of functional materials (both in bulk as well as thin film form) in a simple but thorough manner.

To aid in reader comprehension, *Practical Guide to Materials Characterization* is divided into eight distinct chapters. To set the stage, the first chapter of the book reviews the fundamentals of materials characterization that are necessary to understand and use the methods presented in the ensuing chapters. Among the techniques covered are X-ray diffraction, Raman spectroscopy, X-ray spectroscopy, electron microscopies, magnetic measurement techniques, infrared spectroscopy, and dielectric measurements.

With comprehensive and in-depth coverage of the subject, *Practical Guide to Materials Characterization* is a key resource for practicing professionals who wish to better understand key concepts in the field and seamlessly harness them in a myriad of applications across many different industries.



Rechargeable Ion Batteries

Materials, Design and Applications of Li-Ion Cells and Beyond

EDITOR KATERINA E. AIFANTIS, EDITOR R. V. KUMAR & EDITOR PU HU

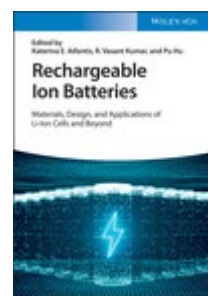
Harvard University, Cambridge, USA

Authoritative and comprehensive resource providing knowledge on concepts, materials, and the many applications of ion-based batteries

Rechargeable Ion Batteries explores the concepts of rechargeable ion batteries, including their materials, applications, stability, and novel developments, focusing on state-of-the-art Li-based batteries used for portable electronics and electric vehicles, while also covering emerging ion-battery technologies. The text addresses innovative approaches by reviewing nanostructured and thin film anodes and cathodes that pave new ways of performance enhancements.

The first three chapters are dedicated to the general concepts of electrochemical cells, enabling readers to understand all necessary concepts for batteries from a single book. The following chapter covers the exciting new applications of Li-ion batteries in the automotive industry, while the subsequent chapters on Li-battery components include new types of anodes, cathodes, and electrolytes that have been developed recently, complemented by an overview of designing mechanically stable ion-battery systems. The last three chapters deal with novel developments in Li-S batteries, Na-ion batteries and give an outlook towards emerging ion-battery technologies.

Rechargeable Ion Batteries provides authoritative and comprehensive coverage of the subject to interested researchers, academics, and professionals in various fields, including materials science, electrochemistry, physical chemistry, engineering science, and the automotive industry. Readers can easily acquire a base of knowledge on the subject while understanding future developments in the field.



NOVEMBER 2022 256PP
978-3-527-35071-1 CL \$128.53 (Japan)
Materials Characterization

NOVEMBER 2022 400PP
978-3-527-35018-6 CL \$180.00 (Japan)
Materials for Energy Systems

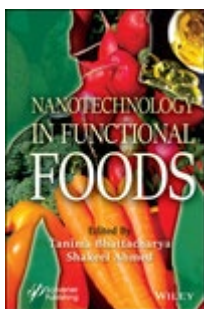
ナノテクノロジー

Nanotechnology in Functional Foods

EDITOR TANIMA BHATTACHARYA & EDITOR SHAKEEL AHMED

Government Degree College Mendhar, India

The broad applicability of bioactive delivery systems for improving food quality, safety, and human health will make this book a valuable resource for a wide range of readers in industry, research, and academia.



Functional foods is an emerging trend in the food industry, whose potential value is determined by whether they are safe with respect to consumer health. *Nanotechnology in Functional Foods* was written to help the reader better understand the benefits and concerns associated with these foods. In addition to giving an overview of the current state-of-the-art in functional foods, different aspects of the advanced research being conducted on their extraction, synthesis, analysis, and biological effects are presented. Besides focusing on several synthesis techniques, the book also discusses the application of nanoparticles in nutrient delivery and pharmaceuticals, such as nano-emulsions, solid lipid nanoparticles, and polymeric nanoparticles; their properties and interactions with other food components and their impact on the human body; the consumer acceptance and diversification of these nutrients. Moreover, new trends are discussed concerning the application of artificial intelligence in screening various components of functional foods.

Audience

The book will be central to food scientists, materials scientists, biotechnologists, medicinal chemists, pharmacists, and medical professionals.

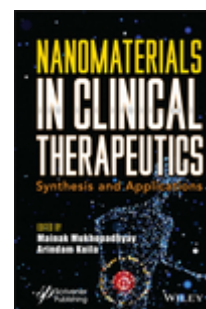
NOVEMBER 2022 416PP
978-1-119-90482-3 CL \$225.00 (Japan)
Nanomaterials

Nanomaterials in Clinical Therapeutics

Synthesis and Applications

EDITOR MAINAK MUKHOPADHYAY & EDITOR ARINDAM KUILA

In this rapidly developing field, the book focuses on the practical elements of nanomaterial creation, characterization, and development, as well as their usage in clinical research.



Nanotechnology-based applications is a rapidly growing field encompassing a diverse range of disciplines that impact our daily lives. Nanotechnology is being used to carry out large-scale reactions in practically every field of biotechnology and healthcare. The incredible progress being made in these applications is particularly true for the healthcare sector, where they are used in cancer detection and treatment, medical implants, tissue engineering, and so forth. Expansions in this discipline are expected to continue in the future, resulting in the creation of a variety of life-saving medical technology and treatment procedures.

The primary goal of this book is to disseminate information on nanotechnology's applications in the biological sciences. A broad array of nanotechnological approaches utilized in different biological applications are highlighted in the book's 17 chapters, including the employment of nanotechnology in drug delivery. The first three chapters provide an overview of the history and principles of nanotechnology. The synthesis, characterization, and applications of nanomaterials are covered in the next 10 chapters. The last four chapters discuss the use of nanomaterials in clinical research.

Audience

The book will be useful for researchers and graduate students in the many areas of science such as biomedicine, environmental biotechnology, bioprocess engineering, renewable energy, chemical engineering, nanotechnology, biotechnology, microbiology, etc.

NOVEMBER 2022 544PP
978-1-119-85723-5 CL \$249.00 (Japan)
Nanomaterials

ナーシング

Caring for the Displaced and Uninsured

Clinical Case Studies in Nursing and Healthcare

LESLIE NEAL-BOYLAN

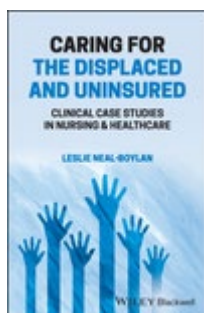
Southern Connecticut State University, USA

An essential text to understanding key aspects of caring for uninsured people from underserved populations

Caring for the Displaced and Uninsured presents clinical case studies that focus on the issues faced primarily by patients who are uninsured, self-paying, or are visiting from their home countries. While addressing the clinical aspects of primary care for a variety of conditions, these case studies go a step further to confront the issues faced by patients who seek care in clinics for the uninsured. Each case highlights the challenges presented by cultural, language and economic differences to providing high quality care, in particular for those whose jobs negatively affect their health, such as through musculoskeletal pain, neurological problems, prolonged standing, depression, or anxiety about feeding and housing their families.

The cases explore how the healthcare provider approaches care with insufficient resources for patients who may have fled torture and violence, poverty and homelessness to face new challenges in the U. S. The healthcare provider plays a key role in the adjustment of people seeking a better life for themselves and their families.

This text provides valuable insight and perspective for nursing and healthcare students, particularly those taking community health classes and classes that focus on uninsured and underserved populations.



NOVEMBER 2022 208PP
978-1-119-86603-9 PB \$71.99 (Japan)
Community Nursing

Advanced Clinical Practice at a Glance

EDITOR BARRY HILL, EDITOR SADIE DIAMOND FOX & SERIES
EDITOR IAN PEATE, GIBRALTAR

Northumbria University, UK; University of Hertfordshire, UK

Essential practical and theoretical resource for healthcare students in fields related to advanced clinical practice

Advanced Clinical Practice at a Glance is an inclusive multi-professional resource that provides essential guidance for healthcare students on a myriad of topics related to advanced clinical practice. This book focuses on NMC and HCPC regulatory body requirements and is also aligned to nationally recognized advanced practitioner training curricula such as the Faculty Intensive Care Medicine (FICM), the Royal College of Emergency Medicine (RCEM) and the Royal College of Nursing (RCN).

Made for the practicing clinician with a length of only 150 pages, *Advanced Clinical Practice at a Glance* is the perfect size for busy healthcare professionals. The snapshot figures and key points make the information highly accessible. Each chapter is written in a format that enables the reader to review and comprehend chapters individually.

Containing essential practical and theoretical guidance, *Advanced Clinical Practice at a Glance* is a must-have modern resource for all healthcare students looking to get involved in the field, plus professionals working in disciplines that intersect with advanced clinical care.



SERIES: AT A GLANCE (NURSING AND HEALTHCARE)

NOVEMBER 2022 192PP
978-1-119-83328-4 PB \$50.00 (Japan)
General Clinical Nursing

物理学

Major Incident Medical Management and Support

The Practical Approach at the Scene, 4th Edition

ADVANCED LIFE SUPPORT GROUP (ALSG)

Manchester, UK

The Major Incident Medical Management and Support (MIMMS) course, developed by the Advanced Life Support Group (ALSG), is taught to healthcare professionals worldwide. Integrated into both civilian and military medical practice, MIMMS is the only international standard in major incident medical management--focused on delivering the medical support needed to many casualties through triage, treatment, and transport. The Fourth Edition of *Major Incident Medical Management and Support: The Practical Approach at the Scene* is the most current coursebook for the MIMMS curriculum.



This new edition has been fully revised to ensure doctors, nurses, and paramedics are able to prepare for, and implement, a structured response to major incidents such as those involving hazardous materials, natural disasters, mass gatherings, multiple burn casualties, and large numbers of children. The wide range of topics covered include communications, personal and medical equipment, command and control, planning, assessment, and the psychological aspects of major incidents.

Major Incident Medical Management and Support is required reading for all those undertaking the MIMMS education programme.

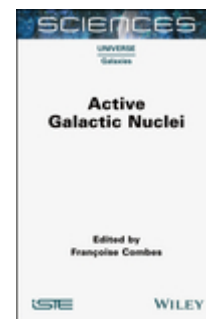
SERIES: ADVANCED LIFE SUPPORT GROUP

NOVEMBER 2022 224PP
978-1-119-63466-9 PB \$65.00 (Japan)
ACUTE, CRITICAL & EMERGENCY CARE

Active Galactic Nuclei

EDITOR FRANCOISE COMBES

All galaxies host a super-massive black hole in their center. These black holes grow their mass in symbiosis with their host galaxy and moderate their star formation. When matter is driven towards the nucleus, an accretion disk is formed to transfer angular momentum and considerable energy is released when the material falls into the black hole: this is the phenomenon of active galactic nuclei (AGN). A nucleus can shine one thousand times more brightly than the entire galaxy with its 200 billion stars. The nuclear activity can take many forms, from very powerful quasars to more ordinary Seyfert galaxies, passing by radio-galaxies, which eject a collimated plasma at ten times the radius of the galaxy.



This book examines all of these manifestations and presents a unified view. When two galaxies merge, a binary black hole is formed and the two black holes will spiral inwards and merge, emitting long gravitational waves, which could be detected by the future LISA satellite.

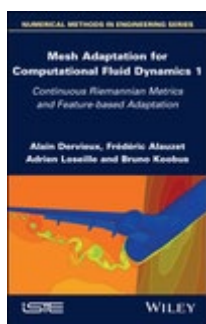
NOVEMBER 2022 320PP
978-1-78945-087-3 CL \$165.00 (Japan)
Astronomy & Astrophysics

Mesh Adaptation for Computational Fluid Dynamics, Volume 1

Continuous Riemannian Metrics and Feature-based Adaptation

ALAIN DERVIEUX, FREDERIC ALAUZET, ADRIEN LOSEILLE & BRUNO KOOBUS

Simulation technology, and computational fluid dynamics (CFD) in particular, is essential in the search for solutions to the modern challenges faced by humanity. Revolutions in CFD over the last decade include the use of unstructured meshes, permitting the modeling of any 3D geometry. New frontiers point to mesh adaptation, allowing not only seamless meshing (for the engineer) but also simulation certification for safer products and risk prediction.



Mesh Adaptation for Computational Dynamics 1 is the first of two volumes and introduces basic methods such as feature-based and multiscale adaptation for steady models. Also covered is the continuous Riemannian metrics formulation which models the optimally adapted mesh problem into a pure partial differential statement. A number of mesh adaptive methods are defined based on a particular feature of the simulation solution.

This book will be useful to anybody interested in mesh adaptation pertaining to CFD, especially researchers, teachers and students.

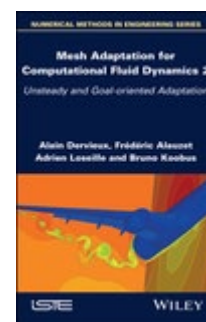
NOVEMBER 2022 256PP
978-1-78630-831-3 CL \$165.00 (Japan)
Mathematical & Computational Physics

Mesh Adaptation for Computational Fluid Dynamics, Volume 2

Unsteady and Goal-oriented Adaptation

ALAIN DERVIEUX, FREDERIC ALAUZET, ADRIEN LOSEILLE & BRUNO KOOBUS

Simulation technology, and computational fluid dynamics (CFD) in particular, is essential in the search for solutions to the modern challenges faced by humanity. Revolutions in CFD over the last decade include the use of unstructured meshes, permitting the modeling of any 3D geometry. New frontiers point to mesh adaptation, allowing not only seamless meshing (for the engineer) but also simulation certification for safer products and risk prediction.



Mesh Adaptation for Computational Dynamics 2 is the second of two volumes and introduces topics including optimal control formulation, minimizing a goal function, and extending the steady algorithm to unsteady physics. Also covered are multi-rate strategies, steady inviscid flows in aeronautics and an extension to viscous flows.

This book will be useful to anybody interested in mesh adaptation pertaining to CFD, especially researchers, teachers and students.

NOVEMBER 2022 240PP
978-1-78630-832-0 CL \$165.00 (Japan)
Mathematical & Computational Physics

哲学

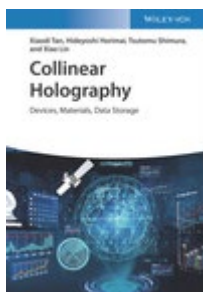
Collinear Holography

Devices, Materials, Data Storage

XIAODI TAN, HIDEYOSHI HORIMAI, TSUTOMU SHIMURA & XIAO LIN

Provides state-of-the-art, in-depth knowledge on the principles, devices, and applications of collinear holography

In the era of Big Data, traditional magnetic and optical storage technologies are unable to satisfy the growing demand for reliable, scalable, cost-effective, and energy-efficient data storage. Holographic storage, considered the most promising technology for meeting the future storage needs of the information age, adopts a three-dimensional volume storage mode with a theoretical storage density vastly greater than conventional optical disks.



Collinear Holography: Devices, Materials, Data Storage is a comprehensive, up-to-date account of the volumetric recording technology that combines large storage capacities with high transfer rates and exceptional reliability in optical data storage systems. Written by pioneers in the field, this authoritative book provides detailed coverage of the key technological approaches, theories, applications, systems, devices, and components in the rapidly advancing field of holographic data storage.

- Explains the principles of collinear holography, its different system setups, key devices and components, and current challenges
- Describes the materials, data and media formats, servo controls, and read/write characteristics of collinear holography storage systems
- Details collinear holography in current applications such as holo-printing, correlation, and encryption
- Discusses future technologies including the Holographic Versatile Disc (HVD) and the The Holographic Versatile Card (HVC)

Collinear Holography: Devices, Materials, Data Storage is an indispensable resource for applied physicists, electrical engineers, and materials and information scientists in both academia and industry.

NOVEMBER 2022 288PP
978-3-527-41363-8 CL \$175.00 (Japan)
Optics & Photonics

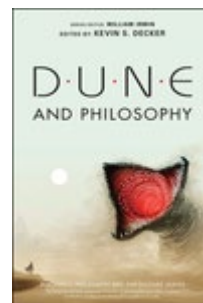
Dune and Philosophy

Minds, Monads, and Muad'Dib

EDITOR KEVIN S. DECKER & SERIES EDITOR WILLIAM IRWIN, WILKES-BARRE, UNITED STATES

Explore the universe of Frank Herbert's *Dune* in all its philosophical richness

"He who controls the spice controls the universe." Frank Herbert's *Dune* saga is the epic story of Paul, son of Duke Leto Atreides, and heir to the massive fortune promised by the desert planet Arrakis and its vast reservoirs of a drug called "spice." To control the spice, Paul and his mother Jessica, a devotee of the pseudo-religious Bene Gesserit order, must find their place in the culture of the desert-dwelling Fremen of Arrakis. Paul must contend with both the devious rival House Harkonnen and the gargantuan desert sandworms--the source of the spice. The future of the Imperium depends upon one young man who will need to lead a new jihad to control the universe.



Dune and Philosophy recruits 23 philosophers to sift wisdom from Frank Herbert's *Duniverse*, including the first of an expected series of films following Paul "Muad'Dib" Atreides and his descendants, captivatingly brought to the big screen by Denis Villeneuve in 2021. Part of the New Wave of science fiction of the 60s and 70s, *Dune* is characterized by literary experimentation with shifting styles, differing narrative points of view, and with the "psychedelic" culture of the period. In *Dune*, the long-term strategies and intricate plots of warring Great Houses are driven not just by Heighliner spacecraft and lasguns, but also by mind-expanding drugs, psychic powers, dystopian themes, race memories, and martial arts allowing control of the mind and the body.

Tens of thousands of years into an intergalactic future, can humans endure or will we sacrifice what is most important in our humanity for power, glory, religion and of course, the control of the spice? *Dune and Philosophy* sets an intellectual course through sand and stars to find out.

SERIES: THE BLACKWELL PHILOSOPHY AND POP CULTURE SERIES

NOVEMBER 2022 272PP
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General Philosophy

Here Lies Bitterness

Healing from Resentment

CYNTHIA FLEURY & TRANSLATED BY CORY STOCKWELL

READERSHIP: Students and scholars in philosophy, politics and the humanities and social sciences generally.



NOVEMBER 2022 226PP
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General Philosophy

Making the Heavens Speak

Religion as Poetry

PETER SLOTERDIJK & TRANSLATED BY ROBERT P. HUGHES

Karlsruhe School of Design

READERSHIP: Students and scholars in religious studies, literary studies, critical theory and cultural theory.



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General Philosophy

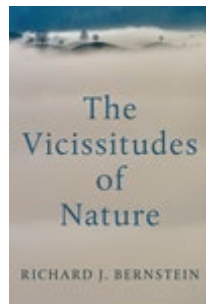
The Vicissitudes of Nature

From Spinoza to Freud

RICHARD J. BERNSTEIN

New School University, New York

READERSHIP: Students and scholars in philosophy and the humanities generally.



NOVEMBER 2022 300PP
978-1-5095-5519-2 CL \$69.95 (Japan)
978-1-5095-5520-8 PB \$26.95 (Japan)
General Philosophy

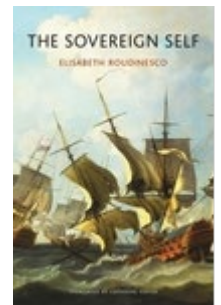
The Sovereign Self

Pitfalls of Identity Politics

ELISABETH ROUDINESCO & TRANSLATED BY CATHERINE PORTER

Ecole des Hautes Etudes en Sciences Sociales, Paris

READERSHIP: Students and scholars in philosophy, sociology, politics, literary theory, cultural theory, psychoanalysis, and the humanities and social sciences generally



NOVEMBER 2022 228PP
978-1-5095-5122-4 CL \$69.95 (Japan)
978-1-5095-5123-1 PB \$24.95 (Japan)
Continental Philosophy

Sexual Ethics

An Anthology

PATRICK D. HOPKINS

Millsaps College, USA

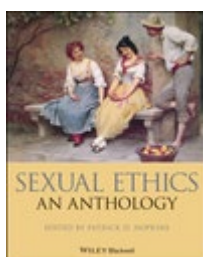
An accessible and engaging anthology of readings focused specifically on applied ethics issues of sexual morality

Sexual Ethics: An Anthology addresses conceptual, ethical, and public policy issues about sex, providing a balanced and non-sectarian discussion of many of today's most important and controversial moral topics. Covering a broad range of contemporary sexual ethics issues, this easily accessible textbook includes explications and point/counterpoint pieces on the definition of sex and sexual orientation, sexual harassment and rape law, sexual discrimination, age of consent, marriage and adultery, online affairs, gay marriage, polygamy and polyamory, sexual orientation change therapy, transgender and sex reassignment surgery, intersexed infants and surgery, pornography, prostitution, psychiatric classifications of sexuality disorders, and specific paraphilias. Organized around six broad themes--Consent, Marriage, Homosexuality, Transgender, Commerce, and Paraphilias--*Sexual Ethics* presents multiple sides of each issue, offering diverse perspectives on critical topics, supported by relevant philosophical arguments, position papers, psychological studies, government regulations, and court rulings.

Sexual Ethics: An Anthology is an excellent textbook for undergraduate classes in applied ethics, sexual ethics, and gender studies, as well as related courses in sociology, public policy, marriage and family law, and social work.

SERIES: BLACKWELL PHILOSOPHY ANTHOLOGIES

NOVEMBER 2022 480PP
978-1-118-61586-7 PB \$55.95
Applied Ethics

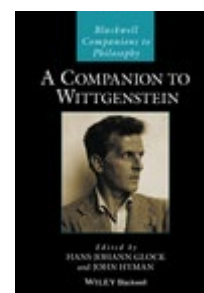


A Companion to Wittgenstein

EDITOR HANS-JOHANN GLOCK & EDITOR JOHN HYMAN

Reading University

The most comprehensive survey of Wittgenstein's thought yet compiled, this volume of fifty newly commissioned essays by leading interpreters of his philosophy is a keynote addition to the *Blackwell Companions to Philosophy* series. Full of penetrating insights into the life and work of the most important philosopher of the twentieth century, the collection explores the full range of Wittgenstein's contribution to philosophy. It includes essays on his intellectual development, his work in logic and mathematics, philosophy of language, philosophy of mind and action, epistemology, ethics, philosophy of religion, and much else. As well as examining Wittgenstein's contribution to human understanding in detail, the *Companion* features vital contextual analysis that traces the relationship between his ideas and those of other philosophers and schools of thought, including the Aristotelian and continental philosophical traditions. Authors also address prominent themes that remain current in today's philosophical debates, explaining Wittgenstein's continuing legacy alongside his historical significance. Essential reading for scholars of philosophy at all levels, *A Companion to Wittgenstein* combines engaging commentary with unrivaled academic authority.



SERIES: BLACKWELL COMPANIONS TO PHILOSOPHY

OCTOBER 2024 600PP
978-1-119-30794-5 PB \$54.95 (Japan)
9781118641163 CL \$202.75 (Japan) Published, Jan 2017
Wittgenstein

政治学

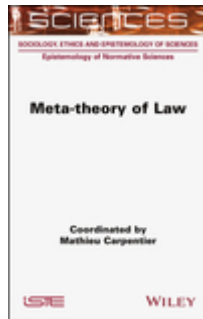
Meta-theory of Law

EDITOR MATHIEU CARPENTIER

This book is devoted to the theory of legal theory, also referred to as the "meta-theory of law".

The aim of this emerging discipline is to determine the objectives, aims and methods of legal theory, and to establish the conditions of possibility as well as the validity criteria for theoretical discourse on law. The contributions in this book provide an overview of these aspects through different perspectives and approaches.

The very purpose of legal theory has been disputed and the subject area is currently subject to increasing cross-fertilization between different, and sometimes diverging, traditions. Meta-theory of Law assesses these emerging trends by questioning two basic objects of legal theory, the "nature" and the "science" of law.



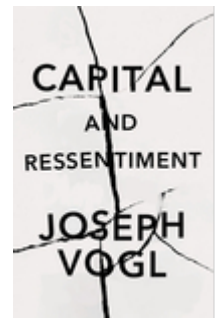
NOVEMBER 2022 384PP
978-1-78945-074-3 CL \$165.00 (Japan)
Epistemology

Capital and Ressentiment

A Short Theory of the Present

JOSEPH VOGL & TRANSLATED BY NEIL SOLOMON

READERSHIP: Students and scholars in politics, political economy, sociology, media and cultural studies; anyone interested in the influence of digital technologies on our lives



NOVEMBER 2022 220PP
978-1-5095-5181-1 CL \$69.95 (Japan)
978-1-5095-5182-8 PB \$24.95 (Japan)
International Political Economy

心理学

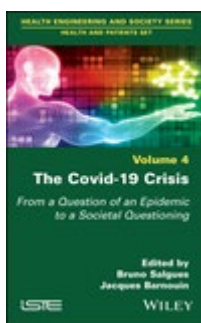
The Covid-19 Crisis

From a Question of an Epidemic to a Societal Questioning, Volume 4

EDITOR BRUNO SALGUES & EDITOR JACQUES BARNOUIN

French National Institute for Agricultural Research

The threats of emerging diseases have shaken certainties about health systems, the effectiveness of governance, lifestyles and the reality of national sovereignty. The Covid-19 Crisis analyzes the global issues related to the emergence of the SARS-CoV-2 virus through investigations and reflections related to both the epidemic itself (epidemiology, computerized surveillance tools and vaccines) and to the societal issues it raises (work, innovation, religious practices, behaviors and societal models).



This eclectic approach highlights scientific working methods that meet the requirements of health crises, as well as technical solutions and societal practices adapted to epidemic situations. It also presents feedback and testimonies.

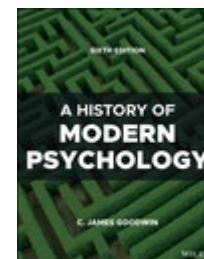
NOVEMBER 2022 256PP
978-1-78630-726-2 CL \$165.00 (Japan)
Health Care Policy & Politics

A History of Modern Psychology

6th Edition

C. JAMES GOODWIN

Wheeling Jesuit College



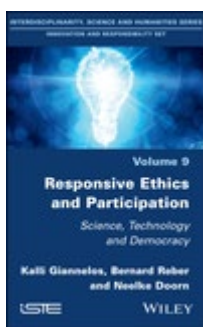
NOVEMBER 2022 528PP
978-1-119-77926-1 PB \$173.63 (Japan)
HISTORY & PHILOSOPHY OF PSYCHOLOGY

Responsive Ethics and Participation

Science and Democracy

KALLI GIANNELOS, BERNARD REBER & NEELKE DOORN

Taking stock of the overall confused picture that research and innovation (R&I) literature and practices offer with regard to citizen and stakeholder participation, this book provides a methodical conceptual and an empirical analysis to determine the connection between ethics and participation. Strong theoretical pillars in the fields of ethics, politics and responsible research and innovation (RRI) form the backbone of this critical approach to participation, which considers new approaches to democratic participation. Taking into account a number of participatory processes, *Responsive Ethics and Participation* establishes a new methodology to differentiate, classify and understand the added value of the participation of citizens and stakeholders in R&I.



Participation could be considered the epitome of innovation ethics. However, its multidimensionality, its ethical and theoretical grounds and the nature of the involvement and related outcomes must be clarified at the outset, in order to reach active forms of participation. Ethical participation is required for reliable developments in science and technology, which is what this book ultimately demonstrates.

NOVEMBER 2022 224PP
978-1-78630-756-9 CL \$165.00 (Japan)
Cognitive Science

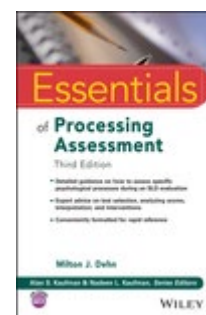
Essentials of Processing Assessment, 3rd Edition

MILTON J. DEHN, SERIES EDITOR ALAN S. KAUFMAN & SERIES EDITOR NADEEN L. KAUFMAN

University of Wisconsin-LaCrosse, LaCrosse, WI ; University of Georgia; Clinical Assessment and Training Institute, Ltd., Poway, CA

A critical handbook for practitioners and clinicians engaged in processing assessments

In the newly revised third edition of *Essentials of Processing Assessment*, a team of distinguished practitioners delivers an expert framework for planning, conducting, and interpreting an assessment of psychological processes. Emphasizing a pattern-of-strengths-and-weaknesses (PSW) perspective, the book offers an overview of evidence-based interventions for various psychological processes.



In the book, readers will review cognitive processing theories, apply a PSW model for specific learning disability (SLD) identifications, review the relationships between psychological processes and specific kinds of achievement, and detailed information on how to assess 14 different processes covered in the model.

An essential handbook for psychologists and other practitioners and clinicians engaged in processing assessments of children and adults, *Essentials of Processing Assessment*, 3rd Edition will earn a place in the libraries of anyone seeking to make more accurate diagnoses and identify more effective treatments.

SERIES: ESSENTIALS OF PSYCHOLOGICAL ASSESSMENT

NOVEMBER 2022 384PP
978-1-119-69133-4 PB \$45.99 (Japan)
ASSESSMENT

宗教

CBT and Existential Psychology

From Common Ground to Clinical
Metacompetence

MICHAEL WORRELL

Royal Holloway University of London

Explore the possibilities and challenges of bringing two highly diverse disciplines- CBT and existential therapy- into dialogue

In *CBT and Existential Psychology: Philosophy, Psychology, and Therapy*, distinguished clinical psychologist Dr. Michael Worrell delivers a singular exploration of the relationship between diverse forms of contemporary cognitive behaviour therapy and existential phenomenology. Written for both experienced and beginning CBT therapists, as well as therapists who practice from an existential perspective, this book clarifies and discusses the potential and challenges presented when these two different schools of thought and practice are brought into dialogue.

The author outlines, in accessible fashion, the implications and possibilities offered by the combination of CBT and existential practice. He also presents a series of discussions with the highly experienced CBT therapists, researchers, and trainers, Tomas Heidenreich and Alexander Noyon, and existential therapy leader Ernesto Spinelli.

The book includes a series of "existential reflections" and experiential exercises to allow the reader to develop an understanding of descriptive phenomenological approaches to therapeutic conversations.

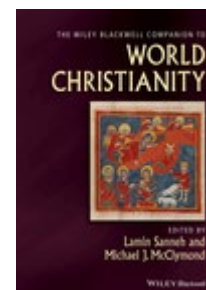
Perfect for beginning and advanced CBT and existential therapists, *CBT and Existential Psychology: Philosophy, Psychology, and Therapy* will also earn a place in the libraries of trainee clinical and counselling psychologists, as well as integrative and humanistic psychotherapists.

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Cognitive Behavioral Therapy (CBT)

The Wiley Blackwell Companion to World Christianity

EDITOR LAMIN SANNEH & EDITOR MICHAEL MCCLYMOND

The Wiley-Blackwell Companion to World Christianity presents a collection of essays that explore a range of topics relating to the rise, spread, and influence of Christianity throughout the world.



- Features contributions from renowned scholars of history and religion from around the world
- Addresses the origins and global expansion of Christianity over the course of two millennia
- Covers a wide range of themes relating to Christianity, including women, worship, sacraments, music, visual arts, architecture, and many more
- Explores the development of Christian traditions over the past two centuries across several continents and the rise in secularization

SERIES: WILEY BLACKWELL COMPANIONS TO RELIGION

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9781405153768 CL \$199.95 (Japan) Published, May 2016
Christianity

社会学

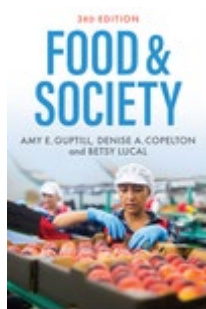
Food & Society

Principles and Paradoxes, 3rd Edition

AMY E. GUPTILL, DENISE A. COPELTON & BETSY LUCAL

The College at Brockport, SUNY; The College at Brockport,
SUNY; Indiana University South Bend

READERSHIP: Mid- to upper-level
undergraduate students across the
social sciences studying food in
society, and students of nutrition
studies and food sciences



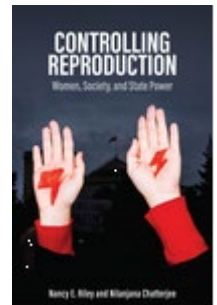
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Introduction to Sociology

Controlling Reproduction

Women, Society, and State Power

NANCY E. RILEY & NILANJANA CHATTERJEE

READERSHIP: upper-level
undergraduates and above taking
courses on reproduction in
departments of sociology, anthropology
and gender studies

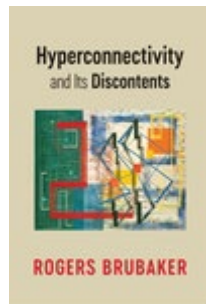


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ROGERS BRUBAKER

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Lichens

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VINCENT ZONCA, EMANUELE COCCIA & TRANSLATED BY JODY GLADDING

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JACK CITRIN, MORRIS S. LEVY & MATTHEW WRIGHT

READERSHIP: upper-division undergraduate and graduate students of immigration and public policy, particularly in departments of sociology and political science



SERIES: IMMIGRATION AND SOCIETY

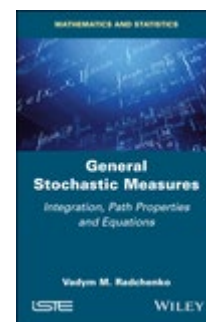
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Population & Demography

General Stochastic Measures

Integration, Path Properties and Equations

VADYM M. RADCHENKO

This book is devoted to the study of stochastic measures (SMs). An SM is a sigma-additive in probability random function, defined on a sigma-algebra of sets. SMs can be generated by the increments of random processes from many important classes such as square-integrable martingales and fractional Brownian motion, as well as alpha-stable processes. SMs include many well-known stochastic integrators as partial cases.



General Stochastic Measures provides a comprehensive theoretical overview of SMs, including the basic properties of the integrals of real functions with respect to SMs. A number of results concerning the Besov regularity of SMs are presented, along with equations driven by SMs, types of solution approximation and the averaging principle. Integrals in the Hilbert space and symmetric integrals of random functions are also addressed.

The results from this book are applicable to a wide range of stochastic processes, making it a useful reference text for researchers and postgraduate or postdoctoral students who specialize in stochastic analysis.

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Probability & Mathematical Statistics

Mathematical Statistics with Resampling and R

3rd Edition

LAURA M. CHIHARA & TIM C. HESTERBERG

Carleton College, USA ; Google

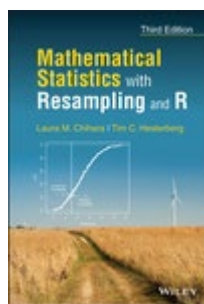
This thoroughly updated third edition combines the latest software applications with the benefits of modern resampling techniques

Resampling helps students understand the meaning of sampling distributions, sampling variability, P-values, hypothesis tests, and confidence intervals. The third edition of *Mathematical Statistics with Resampling and R* combines modern resampling techniques and mathematical statistics. This book is classroom-tested to ensure an accessible presentation, and uses the powerful and flexible computer language R for data analysis.

This book introduces permutation tests and bootstrap methods to motivate classical inference methods, as well as to be utilized as useful tools in their own right when classical methods are inaccurate or unavailable. The book strikes a balance between simulation, computing, theory, data, and applications.

Throughout the book, new and updated case studies representing a diverse range of subjects, such as flight delays, birth weights of babies, U.S. demographics, views on sociological issues, and problems at Google and Instacart, illustrate the relevance of mathematical statistics to real-world applications.

Mathematical Statistics with Resampling and R is an ideal textbook for undergraduate and graduate students in mathematical statistics courses, as well as practitioners and researchers looking to expand their toolkit of resampling and classical techniques.

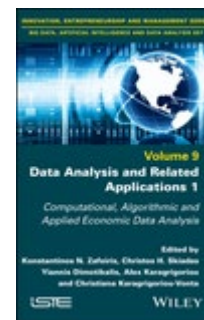


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PROBABILITY & MATHEMATICAL STATISTICS

Data Analysis and Related Applications, Volume 1

EDITOR KONSTANTINOS N. ZAFEIRIS, EDITOR CHRISTOS H. SKIADAS & EDITOR YANNIS DIMOTIKALIS

The scientific field of data analysis is constantly expanding due to the rapid growth of the computer industry and the wide applicability of computational and algorithmic techniques, in conjunction with new advances in statistical, stochastic and analytic tools. There is a constant need for new, high-quality publications to cover the recent advances in all fields of science and engineering.



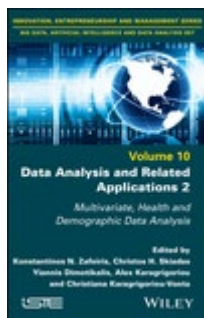
This book is a collective work by a number of leading scientists, computer experts, analysts, engineers, mathematicians, probabilists and statisticians who have been working at the forefront of data analysis and related applications. The chapters of this collaborative work represent a cross-section of current concerns, developments and research interests in the above scientific areas. The collected material has been divided into appropriate sections to provide the reader with both theoretical and applied information on data analysis methods, models and techniques, along with related applications.

NOVEMBER 2022 480PP
978-1-78630-771-2 CL \$165.00 (Japan)
Data Analysis

Data Analysis and Related Applications, Volume 2

EDITOR KONSTANTINOS N. ZAFEIRIS, EDITOR CHRISTOS H. SKIADAS & EDITOR YANNIS DIMOTIKALIS

The scientific field of data analysis is constantly expanding due to the rapid growth of the computer industry and the wide applicability of computational and algorithmic techniques, in conjunction with new advances in statistical, stochastic and analytic tools. There is a constant need for new, high-quality publications to cover the recent advances in all fields of science and engineering.



This book is a collective work by a number of leading scientists, computer experts, analysts, engineers, mathematicians, probabilists and statisticians who have been working at the forefront of data analysis and related applications. The chapters of this collaborative work represent a cross-section of current concerns, developments and research interests in the above scientific areas. The collected material has been divided into appropriate sections to provide the reader with both theoretical and applied information on data analysis methods, models and techniques, along with related applications.

NOVEMBER 2022 448PP
978-1-78630-772-9 CL \$165.00 (Japan)
Data Analysis

Research Data Sharing and Valorization

Developments, Tendencies, Models

EDITOR JOACHIM SCHÖPFEL & EDITOR VIOLAINE REBOUILLAT

As platforms for sharing, re-using and storing data, research data repositories are integral to open science policy. This book provides a comprehensive approach to these data repositories, their functionalities, uses, issues and prospects. Taking France as an example, the current landscape of data repositories is considered, including discussion of the idea of a national repository and a comparative study of several national systems. The international re3data directory is outlined and a collection of six case studies of model repositories, both public and private, are detailed (CDS, Data INRAE, SEANOE, Nakala, Figshare and Data Mendeley).



Research Data Sharing and Valorization also includes appendices containing a number of websites and reference texts from the French Ministry of Higher Education, Research and Innovation, and the CNRS. To the authors' knowledge, it is the first book to be entirely devoted to these new platforms and is aimed at researchers, teachers, students and professionals working with scientific and technical data and information.

NOVEMBER 2022 UnknownPP
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Data Analysis

テストプレップ

(ISC)² CCSP Certified Cloud Security Professional Official Study Guide

3rd Edition

MIKE CHAPPLE & DAVID SEIDL

University of Notre Dame

The only official study guide for the new CCSP exam objectives effective from 2022-2025

(ISC)² CCSP Certified Cloud Security Professional Official Study Guide, 3rd Edition is your ultimate resource for the CCSP exam. As the only official study guide reviewed and endorsed by (ISC)², this guide helps you prepare faster and smarter with the Sybex study tools that include pre-test assessments that show you what you know, and areas you need further review. In this completely rewritten 3rd Edition, *experienced cloud security professionals Mike Chapple and David Seidl use their extensive training and hands on skills to help you prepare for the CCSP exam.* Objective maps, exercises, and chapter review questions help you gauge your progress along the way, and the Sybex interactive online learning environment includes access to a PDF glossary, hundreds of flashcards, and two complete practice exams. Covering all CCSP domains, this book walks you through Cloud Concepts, Architecture and Design, Cloud Data Security, Cloud Platform and Infrastructure Security, Cloud Application Security, Cloud Security Operations, and Legal, Risk, and Compliance with real-world scenarios to help you apply your skills along the way.

As organizations become increasingly reliant on cloud-based IT, the threat to data security looms larger. Employers are seeking qualified professionals with a proven cloud security skillset, and the CCSP credential brings your resume to the top of the pile. *(ISC)² CCSP Certified Cloud Security Professional Official Study Guide* gives you the tools and information you need to earn that certification and apply your skills in a real-world setting.

**AWS Certified Solutions Architect Study Guide with 900 Practice Test Questions**

Associate (SAA-C03) Exam, 4th Edition

BEN PIPER, SUMMERVILLE & DAVID CLINTON, TORONTO, CANADA

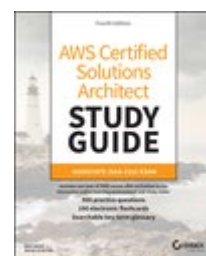
Master Amazon Web Services solution delivery and efficiently prepare for the AWS Certified SAA-C03 Exam with this all-in-one study guide

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An essential resource for anyone trying to start a new career as an Amazon Web Services cloud solutions architect, the *AWS Certified Solutions Architect Study Guide: Associate (SAA-C03) Exam, 4th Edition* will also prove invaluable to currently practicing AWS professionals looking to brush up on the fundamentals of their work.



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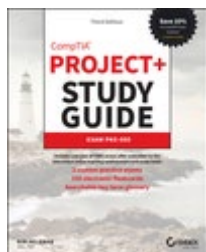
CompTIA Project+ Study Guide

Exam PK0-005, 3rd Edition

KIM HELDMAN, DENVER

Prepare for the Project+ exam and a new career in project management quickly and efficiently with a newly updated guide

In the newly revised Third Edition of the *CompTIA Project+ Study Guide: Exam PK0-005*, veteran project manager and tech educator Kim Heldman delivers a fully updated and comprehensive guide to the foundational CompTIA Project+ exam. This all-in-one study aid focuses on the job-critical skills demanded by employers and will help you hit the ground running on your first day in a new project management role.



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- Hands-on, concrete guidance designed to banish test anxiety and prepare you for the entry-level CompTIA Project+ exam
- Detailed advice on project management concepts, lifecycle phases, project tools and documentation, and IT and governance basics required by on-the-job project managers
- Complimentary access to Sybex's interactive, online learning environment and test bank, complete with an assessment test, hundreds of practice questions, practice exams, electronic flashcards, and a searchable glossary of key terms

Full of practical examples and insights drawn from the author's extensive, real-world experience, the newest edition of *CompTIA Project+ Study Guide: Exam PK0-005, Third Edition*, is a must-read for anyone considering a new career in project management or preparing for the CompTIA Project+ exam.

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CERTIFICATION (MSCE, NOVELL, ETC.)

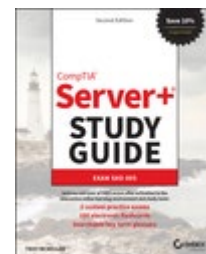
CompTIA Server+ Study Guide

Exam SK0-005, 2nd Edition

TROY MCMILLAN, PFAFFTOWN

Prepare for the Server+ exam--and an exciting new career in tech--with this hands-on guide

In the newly updated Second Edition of the *CompTIA Server+ Study Guide: Exam SK0-005*, veteran technology educator Troy McMillan delivers a comprehensive, hands-on blueprint for success on the Server+ SK0-005 exam. Learn about essential hardware and software technologies used in on-premise and hybrid server environments and prepare yourself for the exam and real-world, on-the-job challenges.



This Study Guide provides you with a solid understanding of how network and cloud storage systems work by helping you learn how to store, protect, and access the data that's ever more crucial to modern businesses. Find coverage of every objective tested by the exam, including server hardware installation and management, server administration, security and disaster recovery, and troubleshooting. You also learn:

- Expert guidance on acing a certification exam is increasing demand amongst high-paying employers
- Critical performance tips for professionals who want to hit the ground running on their first day on the job
- Complimentary access to the Sybex interactive online learning environment and test bank, complete with hundreds of practice questions and answers, bonus exams, electronic flashcards, and a searchable glossary of key terms

A can't-miss resource for anyone preparing for a new role as a server administrator, data storage specialist, or related IT specialty, the *CompTIA Server+ Study Guide: Exam SK0-005, Second Edition*, will earn a place in the libraries of anyone looking for an efficient and effective way to prep for this challenging and rewarding technical certification.

NOVEMBER 2022 608PP
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CERTIFICATION (MSCE, NOVELL, ETC.)

OCP Oracle Certified Professional Java SE 17 Developer Certification Kit

Exam 1Z0-829

JEANNE BOYARSKY & SCOTT SELIKOFF

CodeRanch; Selikoff Solutions, LLC

NEW OCP Java SE 17 Certification Kit focuses on 100% of the objectives for the new Exam 1Z0-829!



With this Certification Kit, Java developers will gain the information, understanding, and practice they need to pass the OCP Java SE 17 exam. The Certification Kit include two books:

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OCP Oracle Certified Professional Java SE 17 Practice Tests: Exam 1Z0-829 includes hundreds of domain-by-domain questions PLUS practice exams, for a total of over a 1000 practice test questions. This book helps you gain the confidence you need for taking the OCP Java SE 17 exam.

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CERTIFICATION (MSCE, NOVELL, ETC.)

OCP Oracle Certified Professional Java SE 17 Developer Practice Tests

Exam 1Z0-829

ORIGINAL AUTHOR JEANNE BOYARSKY & SCOTT SELIKOFF

CodeRanch; Selikoff Solutions, LLC

Efficiently and effectively prepare for the OCP Java SE 17 certification exam

In OCP Oracle Certified Professional Java SE 17 Developer Practice Tests: Exam 1Z0-829, a team of veteran Java

developers helps you gain the confidence and knowledge you need to take the Oracle Certified Professional Java SE 17 Developer exam. Hundreds of domain-by-domain questions accompany complimentary online access to bonus questions, providing you with over 1000 practice questions and answers.



You'll also get:

- Access to Sybex's proven online interactive learning environment and test bank
- Comprehensive coverage of every domain included on the OCP Java SE 17 Developer exam
- Three complete bonus practice exams to help you gain confidence and develop proficiency in Java development

This resource is perfect for anyone preparing to take Exam 1Z0-829. It also belongs on the bookshelves of novice and veteran Java programmers hoping to improve their on-the-job coding skills.

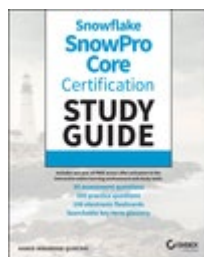
NOVEMBER 2022 608PP
978-1-119-86461-5 PB \$45.00 (Japan)
CERTIFICATION (MSCE, NOVELL, ETC.)

Snowflake SnowPro Core Certification Study Guide

HAMID MAHMOOD QURESHI

Prepare smarter, faster, and better with the premier study guide for Snowflake SnowPro Core certification

Snowflake, a cloud-based data warehousing platform, has steadily gained popularity since its 2014 launch. Snowflake offers several certification exams, of which the SnowPro Core certification is the foundational exam. The SnowPro Core Certification validates an individual's grasp of Snowflake as a cloud data warehouse, its architectural fundamentals, and the ability to design, implement, and maintain secure, scalable Snowflake systems.



The *Snowflake SnowPro Core Certification Study Guide* delivers comprehensive coverage of every relevant exam topic on the Snowflake SnowPro Core Certification test. Prepare efficiently and effectively for the exam with online practice tests and flashcards, a digital glossary, and concise and easy-to-follow instruction from the subject-matter experts at Sybex. You'll gain the necessary knowledge to help you succeed in the exam and will be able to apply the acquired practical skills to real-world Snowflake solutions.

Perfect for anyone considering a new career in cloud-based data warehouse solutions and related fields, *Snowflake SnowPro Core Certification Study Guide* is also a must-read for veteran database professionals seeking an understanding of one of the newest and fastest-growing niches in data.

NOVEMBER 2022 288PP
978-1-119-82444-2 PB \$60.00 (Japan)
Certification (MSCE, Novell, etc.)

Ethics in Veterinary Practice

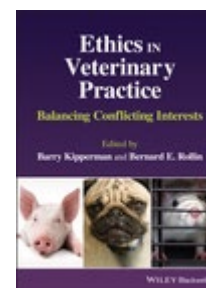
Balancing Conflicting Interests

EDITOR BARRY KIPPERMAN & EDITOR BERNARD E. ROLLIN

University of California at Davis, School of Veterinary Medicine, Davis, CA, USA; Colorado State University

An incisive examination of relevant and contemporary ethical issues facing veterinary practitioners, students, instructors, and animal researchers

In *Ethics in Veterinary Practice: Balancing Conflicting Interests*, a team of distinguished scholars delivers a foundational exploration of animal ethics and a guide to examining contemporary issues and dilemmas that arise regularly in veterinary practice. The book offers comprehensive, quickly accessible, and up-to-date information on veterinary ethics with content devoted to unique issues by practice type.



The authors offer a primary resource for veterinary ethics useful for veterinarians, faculty, instructors, senior undergraduates, and veterinary students that focuses on recognizing and addressing real-life ethical dilemmas and relevant philosophical discussions about the moral status of animals, animal rights, and interests.

Ethics in Veterinary Practice presents material on integrative medicine, animal pain, moral stress, and the future of veterinary ethics. Perfect for practicing veterinarians, veterinary students, and veterinary technicians and nurses, *Ethics in Veterinary Practice: Balancing Conflicting Interests* will also earn a place in the libraries of instructors teaching veterinary ethics, as well as biomedical and animal ethicists.

NOVEMBER 2022 576PP
978-1-119-79119-5 CL \$99.99 (Japan)
ANIMAL WELFARE, ETHICS & LAW

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