

JAPAN PREVIEW

June 2022



WILEY

PICK OF THE MONTH ~ 今月のお勧めタイトル**Fundamentals of Corporate Finance : 5th Edition, International Adaptation**

ROBERT PARRINO, DAVID S. KIDWELL, THOMAS BATES & STUART L. GILLAN

→P12

The New Rules of Marketing and PR, 8th Edition

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→P24

Heterogeneous Nanocatalysis for Energy and Environmental Sustainability, Volume 1 &2

EDITOR PUTLA SUDARSANAM, YUSUKE YAMAUCHI (山内 悠輔 NIMS, MANA主任研究者)& PANKAJ BHARALI

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Organic Reaction Mechanisms 2019

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HOWARD ANTON, IRL C. BIVENS & STEPHEN DAVIS

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Photoconductivity and Photoconductive Materials, 2 Volume Set

EDITOR SAFA KASAP, SERIES EDITOR ARTHUR WILLOUGHBY & SERIES EDITOR PETER CAPPER

→P93

Collinear Holography : Devices, Materials, Data Storage

XIAODI TAN, HIDEYOSHI HORIMAI(堀米 秀嘉 HolyMine CEO, 豊橋技術科学大学 客員教授),
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A Companion to Public Philosophy

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ANDREW SHORTEN

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PIERRE BOURDIEU & TRANSLATED BY PETER COLLIER

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JAPAN PREVIEW

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芸術

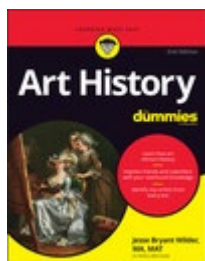
Art History For Dummies

2nd Edition

JESSE BRYANT WILDER

Ready to discover the fascinating world of art history? Let's (Van) Gogh!

Fine art might seem intimidating at first. But with the right guide, anyone can learn to appreciate and understand the stimulating and beautiful work of history's greatest painters, sculptors, and architects. In *Art History For Dummies*, we'll take you on a journey through fine art from all eras, from Cave Art to the Colosseum, and from Michelangelo to Picasso and the modern masters. Along the way, you'll learn about how history has influenced art, and vice versa.



This updated edition includes:

- Brand new material on a wider array of renowned female artists
- Explorations of the Harlem Renaissance, American Impressionism, and the Precisionists
- Discussions of art in the 20th and 21st centuries, including Dadaism, Constructivism, Surrealism, and today's eclectic art scene

Is there an exhibition in your town you want to see? Prep before going with *Art History For Dummies* and show your friends what an Art Smartie you are.

An unbeatable reference for anyone looking to build a foundational understanding of art in a historical context, *Art History For Dummies* is your personal companion that makes fine art even finer!

JUNE 2022 480PP
978-1-119-86866-8 PB \$34.99 (Japan)
ART HISTORY & THEORY

会計学

Xero For Dummies

5th Edition

HEATHER SMITH

Get up and running with Xero in a flash

Xero is fast emerging as the leader of online accounting software around the world. *Xero For Dummies* provides you with all the information you need to set up your own Xero account from scratch, convert to Xero from another accounting software provider, and start using Xero to its full potential.



Easy to use and deceptively powerful, Xero is so much more than a spreadsheet -- it can help you streamline reporting; manage inventory; simplify accounts; and organise suppliers, customers, and more. Automatic imports, intuitive coding, and seamless synching across multiple business platforms gets the paperwork done quickly so you can get back to running your business. This new fourth edition includes updates to the interface and coverage of the newest features, including updates on generating reports, working with fixed assets and managing contacts, sales, and payables so you can optimise your system to help your business thrive.

- Fine-tune your set-up, or convert from another accounting program
- Manage daily activities with contacts, accounts, sales, and payables
- Master weekly and monthly reporting routines
- Track inventory, monitor your business, and get the most out of Xero

You didn't start your business in order to become an accountant, but bookkeeping is critically important to the short- and long-term health of your company. Xero simplifies the process and saves you time, and *Xero For Dummies* helps you leverage every feature Xero has to offer.

JUNE 2022 UnknownPP
978-0-7303-9461-7 PB \$28.00 (Japan)
ACCOUNTING TECHNOLOGY

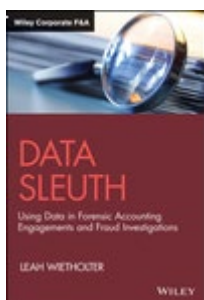
Data Sleuth

Using Data in Forensic Accounting Engagements and Fraud Investigations

LEAH WIETHOLTER

Straightforward, practical guidance for working fraud examiners and forensic accountants

In *Data Sleuth: Using Data in Forensic Accounting Engagements and Fraud Investigations*, certified fraud examiner, former FBI support employee, private investigator, and certified public accountant Leah Wietholter delivers a step-by-step guide to financial investigation that can be applied to almost any forensic accounting use-case. The book emphasizes the use of best evidence as you work through problem-solving data analysis techniques that address the common challenge of imperfect and incomplete information.



The accomplished author bridges the gap between modern fraud investigation theory and practical applications and processes necessary for working practitioners. She also provides:

- Access to a complimentary website with supplementary resources, including a Fraud Detection Worksheet and case planning template
- Strategies for systematically applying the Data Sleuth® framework to streamline and grow your practice
- Methods and techniques to improve the quality of your work product

Data Sleuth is an indispensable, hands-on resource for practicing and aspiring fraud examiners and investigators, accountants, and auditors. It's a one-of-a-kind book that puts a practical blueprint to effective financial investigation in the palm of your hand.

SERIES: WILEY CORPORATE F&A

JUNE 2022 288PP
978-1-119-83438-0 CL \$50.00 (Japan)
Corporate / Managerial Accounting

Fundamentals of Corporate Finance

5th Edition, International Adaptation

ROBERT PARRINO, DAVID S. KIDWELL, THOMAS BATES & STUART L. GILLAN

University of Texas, Austin; University of Minnesota; Arizona State University

JUNE 2022 832PP
978-1-119-79544-5 PB \$66.99 (Japan)
Corporate Finance

農業

Tax Planning and Compliance for Tax-Exempt Organizations

2022 Cumulative Supplement, 6th Edition

JODY BLAZEK

Blazek, Rogers, and Vetterling

An essential, timesaving guide for accountants, lawyers, nonprofit executives and directors, consultants, and volunteers -- Completely updated for 2022

This book is an indispensable guide to navigating the complex maze of nonprofit tax rules and regulations. A clear and fully cited description of the requirements for the various categories of tax-exempt entities from public charities, private foundations, civic associations, business leagues, and social clubs to title-holding companies and governmental entities can be found. Practical guidance on potential for income tax on revenue-producing enterprises along with explanations of many exceptions to taxability is provided. Issues raised by Internet activity, advertising, publishing, providing services, and much more are explained.

This useful annual supplement for 2022 will cover any and all changes and updates to the law within the previous 12 month period and will keep accountants, attorneys, and others up-to-date for the year ahead.

- Features a variety of sample documents for private foundations, including penalty abatement requests and sharing space agreements
- Provides helpful practice aids, such as a comparison of the differences between public and private charities, charts reflecting lobbying limits for different types of entities, and listings of rulings and cases that illustrate permissible activity for each type of organizations compared to impermissible activity

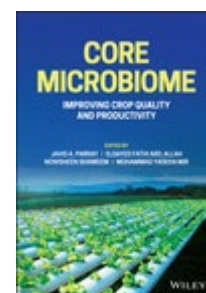
JUNE 2022 208PP
978-1-119-87363-1 PB \$150.00 (Japan)
Taxation

Core Microbiome

Improving Crop Quality and Productivity

EDITOR JAVID A. PARRAY, EDITOR ELSAYED F. ABD-ALLAH, EDITOR
NOWSHEEN SHAMEEM & EDITOR MOHAMMAD Y. MIR

Improve the quality and productivity of your crops through selecting positive and effective interactive core-microbiomes



As microbial cells are present in overwhelming numbers in our soil, it is perhaps inevitable that microbes are found extensively in plant and animal tissue. The role of microbiomes on the regulation of physiological processes in animals has been extensively researched in recent years, but the overarching role of the plant microbiome has yet to be discovered.

Core Microbiome: Improving Crop Quality and Productivity is an attempt to remediate some of that deficit, as the first book to summarize feature of microbial communities that make up the plant microbiome. There is substantial evidence that these communities are crucial in disease control, enhanced nutrient acquisition, and stress tolerance--a feature more important than ever due to climate change. A further focus on improving how core microbiomes interact so that they are both phenotypically and genotypically very adaptive and sustainable will allow the reader to improve the quality and productivity of crops so that they may be considered sustainable agriculture.

As a broad introduction to the interaction of core microbiome and plant productivity, *Core Microbiome* is ideal for researchers and scientists working in the field of environmental science, environmental microbiology, and waste management. Similarly, undergraduate and graduate students in these fields, as well as in agriculture, biotechnology, biosciences, and life and environmental sciences will also benefit from this work.

JUNE 2022 368PP
978-1-119-83076-4 CL \$200.00 (Japan)
Sustainable & Organic Agriculture

人類学

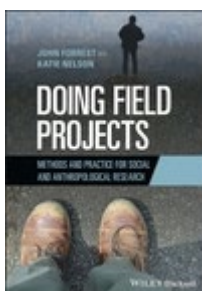
Doing Field Projects

Methods and Practice for Social and Anthropological Research

JOHN FORREST

A must-read guide to conducting qualitative field research in the social sciences

Doing Field Projects: Methods and Practice for Social and Anthropological Research delivers a thorough and insightful introduction to qualitative field methods in the social sciences. Ideal for undergraduate students just starting out in fields like anthropology, sociology, and related subjects, the book offers readers twenty instructive projects. Each project is well-suited as a standalone exercise, or several may be combined as a series of field work assignments.



From interview techniques to participant observation, kinship analysis, spatial mapping, photo and video documentation, and auto-ethnography, *Doing Field Projects* covers each critical area of qualitative fieldwork students are likely to encounter. Every project also contains discussions of how to execute the research, avoid common problems and mistakes, and present the uncovered data in several different formats.

Doing Field Projects: Methods and Practice for Social and Anthropological Research is the perfect guide for undergraduate students taking courses and programs in which qualitative field methods are central to the field, like anthropology and sociology.

JUNE 2022 256PP
978-1-119-73461-1 PB \$35.95
Anthropological Theory & Methods / Ethnography

建築学

Machine Hallucinations

Architecture and Artificial Intelligence

NEIL LEACH & MATIAS DEL CAMPO

University of Bath

AI is already part of our lives even though we might not realise it. It is in our phones, filtering spam, identifying Facebook friends, and classifying our images on Instagram. It is in our homes in the form of Siri, Alexa and other AI assistants. It is in our cars and our planes. AI is literally everywhere. Artworks generated by AI have won international prizes, and have been sold at auction. But what does AI mean for the world of design?



This issue of *AD* explores the nature of AI, and considers its potential for architecture. But this is no idle speculation. Architects have already started using AI for architectural design and fabrication. Yet -- astonishingly -- there has been almost no debate about AI within the discipline of architecture so far. Surely, nothing can be more important for the profession of architecture right now. The issue looks at all aspects of AI: its potential to assist architects in designing buildings so that it becomes a form of augmented intelligence'; its capacity to design buildings on its own; and whether AI might open up an extraordinary new chapter in architectural design.

Featured architects: Alisa Andrasek, Coop Himmelb(l)au, Lifeforms.io, Nonstandardstudio, SPAN, Kyle Steinfeld, Studio Kinch and Xkool Technology.

SERIES: ARCHITECTURAL DESIGN

JUNE 2022 144PP
978-1-119-74884-7 PB \$45.00 (Japan)
Building Design

ビジネス

Reading Financial Reports For Dummies

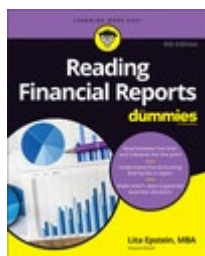
4th Edition

LITA EPSTEIN, KISSIMEE, UNITED STATES

University of Phoenix

Your personal roadmap to becoming fluent in financial reports

At first glance, the data in financial reports might seem confusing or overwhelming. But, with the right guide at your side, you can learn to translate even the thickest and most complex financial reports into plain English.



In *Reading Financial Reports For Dummies*, you'll move step-by-step through each phase of interpreting and understanding the data in a financial report, learning the key accounting and business fundamentals as you go. The book includes clear explanations of basic and advanced topics in finance, from the difference between private and public companies to cash flow analysis.

In this book, you'll also find:

- Full coverage of how to analyze annual reports, including their balance sheets, income statements, statements of cash flow, and consolidated statements
- Real-world case studies and financial statement examples from companies like Mattel and Hasbro
- Strategies for analyzing financial reports to reveal opportunities for operations optimization

Reading Financial Reports For Dummies is a can't-miss resource for early-career investors, traders, brokers, and business leaders looking to improve their financial literacy with a reliable, accurate, and easy-to-follow financial handbook.

JUNE 2022 384PP
978-1-119-87136-1 PB \$29.99 (Japan)
GENERAL & INTRODUCTORY BUSINESS & MANAGEMENT

Amplify Your Influence

Transform How You Communicate and Lead

RENE RODRIGUEZ

Apply the latest advances in neuroscience to your real-world persuasion and influence strategies for immediate results

In *Amplify Your Influence: Transform How You Communicate and Lead*, celebrated keynote speaker, trainer and leadership coach Rene Rodriguez delivers an

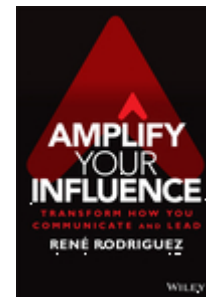
eye-opening roadmap to using applied neuroscience to improve readers' communication ability, critical thinking, cultural awareness, and leadership skills.

Based in the author's proprietary AMPLIFII system and methodologies he has taught to over 100,000 participants around the world, the book offers practical tips, useful frameworks, guided practice, and simple application exercises to help readers create new and lasting behaviors that effect change in their life and work.

Amplify Your Influence shows leaders how to:

- Leverage various human motivators for positive outcomes and results
- Frame and communicate their ideas in a way that encourages engagement and gets an active response
- Intentionally choose a communication style based on their influence objective

Perfect for executives, managers, sales professionals, and other business leaders, *Amplify Your Influence* is required reading for anyone seeking to improve their ability to effect change in the people around them, whether they're in the office, the boardroom, the classroom, or at home.



JUNE 2022 288PP
978-1-119-85868-3 CL \$28.00 (Japan)
Business Self-Help

The Art of Pushback

AMBER CABRAL

Concrete strategies to call out wrongdoing at home, at work, at school, and elsewhere

In *The Art of Pushback*, veteran inclusion strategist, coach, writer, and speaker Amber Cabral delivers an incisive and practical guide to assertively addressing inequitable treatment you see at home, work, school, and other settings. The book offers a complete communications toolkit for equity advocacy you can deploy on your own behalf and on behalf of others.

You'll get the tactics, context, and tools that make being brave and speaking up a lot easier. You'll also find:

- A thorough discussion of the fundamentals of inclusion and equity, including concepts of advocacy and allyship, privilege, and identity
- An examination of the social landscape that makes speaking up so daunting
- Explorations of the most effective language and tactics you can use when you make a stand for yourself or others

The perfect resource for underrepresented professionals, allies, advocates, and people seeking to make a positive difference in the world, *The Art of Pushback* is the assertiveness manual you need if you've been meaning to speak up but are worried about being drowned out.

JUNE 2022 224PP
978-1-119-83932-3 CL \$22.00 (Japan)
Business Self-Help

The Courage Playbook

Five Steps to Overcome Your Fears and Become Your Best Self

GUS LEE

A practical pathway to a meaningful life and courageous leadership

In *The Courage Playbook: Five Steps to Overcome Your Fears and Become Your Best Self*, Gus Lee, bestselling author and leadership expert, delivers an astonishing reveal that with moral courage, we can overcome our fears.

This is a practical guide to gaining your courage to live rightly, treat others without bias and lead inspirationally. Readers will acquire Five Steps to Courage, 3 NO's, 3 GO's and Courageous Communication Plays. These lend deeper meaning to life, strengthen our character, improve relationships and allow us to help others for the common good. They lead to contentment, love and even happiness.

The Playbook is a practical, behavior-based "Other-Help" guide that equips us more effectively than the worried "self-help" approach. *The Courage Playbook* includes:

- Skills and strategies for healthfully and authentically deploying courage in your life
- Ways to actually solve tough moral problems and conflicts at their root cause, genuinely help others, model strength and close the "Courage Gap"
- Methods for courageous and inspirational communication and leadership for all manner of situations -- professionally, personally, relationally and organizationally

Designed for people in all circumstances, to include young professionals, executives and leaders, *The Courage Playbook* belongs on the desks and libraries of business organizations, government agencies, healthcare, education, non-profits, military units, public safety organizations and on the bedside table of all people who want a seriously effective pathway to deeply improve themselves.

JUNE 2022 272PP
978-1-119-84890-5 CL \$25.00 (Japan)
Business Self-Help



The Performance Mindset

7 Steps to Success in Sport and Life

ANTHONY J. KLARICA

Author and high-performance expert
Anthony Klarica reveals how the most successful sports professionals deal with motivation, resilience, focus, leadership, and wellbeing.

Do you have what it takes to excel? *The Performance Mindset* outlines 7 steps for developing the crucial personal skills that enable great athletes to succeed at what they love—at the highest possible level. Learn how to maximise your potential and foster personal growth by developing the right mindset for excellence. Drawing from international research, stories and interviews from high-profile sportspeople, and his own experiences from more than 30 years in sports psychology, Anthony Klarica unpacks the essential lessons that can take you to the next level and help you successfully jump the daily hurdles that life throws at you.



JUNE 2022 UnknownPP
978-0-7303-9468-6 PB \$21.95 (Japan)
Business Self-Help

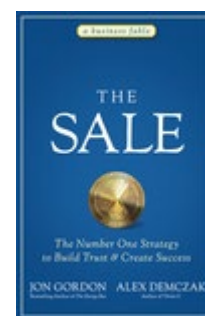
The Sale

The Number One Strategy to Build Trust and Create Success

JON GORDON, PONTE VEDRA BEACH, UNITED STATES & ALEX DEMCZAK

The #1 strategy to build trust and create success

In *The Sale*, bestselling author Jon Gordon and rising star Alex Demczak deliver an invaluable lesson about what matters most in life and work and how to achieve it. The book teaches four lessons about integrity in order to create lasting success.



The authors tell the story of Matt Williams, a sales representative for Turnbow Technologies, an aviation technology company founded by his grandfather. Matt encounters many obstacles both personally and professionally, and ultimately finds himself in a struggling marriage, an unfulfilling job, in a desperate search for answers, and at the crossroads of a major decision that will determine his future. Matt meets an unlikely mentor, who may just have the answers Matt seeks, as he faces the biggest decision and test of his life. *The Sale* follows Matt as he learns:

- Why his pursuit of financial success at the expense of his family and the people he loves is counterproductive
- The power of integrity, trust, and consistency
- Powerful ways to create fulfilment and real success that endures

Perfect for managers, sales professionals, and teams that are seeking durable, reliable, and powerful strategies for success at work, *The Sale* also belongs on the bookshelves of anyone looking for insightful ways to achieve their goals and realize their greatest potential.

SERIES: JON GORDON

JUNE 2022 176PP
978-1-119-76269-0 CL \$23.00 (Japan)
Business Self-Help

Stop Talking, Start Doing

A Kick in the Pants in Six Parts, 2nd Edition

SHAA WASMUND & RICHARD NEWTON

Have you got an itch to start your own business, go to the North Pole, retrain, lose weight, get promoted, learn to play the ukulele? Or do you just have a nagging sense that there must be more to life? If there is something you really want to do, but secretly fear you'll never do it, then you need this.

This is your kick in the pants!

To make your thing happen, you have to climb into the ring. You have to face your fears and move from talking to doing. In this special 10th year edition of the bestselling *Stop Talking, Start Doing*, Shaa Wasmund will introduce new topics such as:

- How the world changed in 2020 and what that means for the future
- 10 years on, what's still stopping people?
- Healthy mindset and mental health
- Even more exercises included
- Habits - how small daily habits can help people move from procrastination to action.

JUNE 2022 240PP
978-0-85708-926-7 PB \$13.99 (Japan)
BUSINESS SELF-HELP

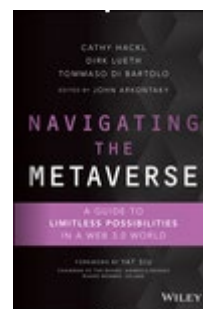
Navigating the Metaverse

A Guide to Limitless Possibilities in a Web 3.0 World

CATHY HACKL, DIRK LUETH, TOMMASO DI BARTOLO, EDITOR
JOHN ARKONTAKY & FOREWORD BY YAT SIU

Jump into the metaverse to connect with consumers and explore endless opportunities

Like the Internet before it, the metaverse is a virtual space bringing people, companies, and products together in both digital and real environments to create new economic opportunities. The groundwork is already laid. People and organizations jumping in are gaining invaluable experience, meeting customers, developing revenue streams, and even shaping metaverse culture.



In *Navigating the Metaverse: A Guide to Limitless Business Possibilities in a Web 3.0 World*, a team of Silicon Valley thought leaders delivers a groundbreaking discussion of how to find the right opportunities in this fast-moving universe. You'll explore everything from the metaverse basics, to strategy, to launching your first metaverse project. In the book, you'll find:

- Data and market analysis to erase any doubt that the metaverse is *the* next big thing.
- Foundational knowledge about the metaverse, metaverse economy, Web3 technology, and more.
- The essential connection between metaverse environments, businesses, community, and digital products that make the metaverse economy so powerful.
- A deep dive on non-fungible tokens (NFTs) and how to make the most of these assets.
- Frameworks to help find, nurture, measure, and capitalize on innovation in the metaverse.

An essential breakdown of the next stage in online business, *Navigating the Metaverse* belongs in the libraries of entrepreneurs, executives, and innovators looking to lead in the new age of online business and commerce.

JUNE 2022 256PP
978-1-119-89899-3 CL \$27.00 (Japan)
Business Technology

User Experience Design

A Practical Playbook to Fuel Business Growth

SATYAM KANTAMNENI, PLEASANTON

Igniting business growth through UX

In an increasingly digital world, users are rewarding products and services that provide them with a good experience and punishing those that don't -- with their wallets.

Organizations realize they need to adapt quickly but don't know how or where to start.



In *User Experience Design: A Practical Playbook to Fuel Business Growth*, UXReactor co-Founder Satyam Kantamneni distills 25 years of industry experience into a pragmatic approach to help organizations advance in the highly competitive and rapidly changing digital world.

You'll discover:

- Why putting users at the center of strategy leads to an almost unfair competitive advantage
- Ways to build an organizational system that delivers a superior user experience that is replicable, consistent, and scalable
- Common shortfalls that prevent organizations from reaping the value of experience design
- 27 proven "plays" from the UXReactor playbook to put concepts into practice
- Game planning examples to execute at different levels of an organization

A comprehensive and practical book for everyone involved in the transformation -- business leaders, design leaders, product managers, engineers, and designers -- *User Experience Design: A Practical Playbook to Fuel Business Growth* is also an ideal blueprint for current and prospective UX practitioners seeking to improve their skills and further their careers.

JUNE 2022 304PP
978-1-119-82920-1 PB \$34.00 (Japan)
Business Technology

Managing Customer Experience and Relationships

A Strategic Framework, 4th Edition

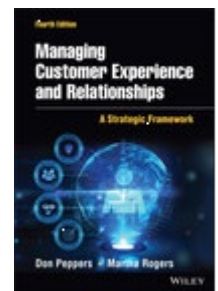
DON PEPPERS, MENLO PARK & MARTHA ROGERS, RIDGEFIELD

President and Founder of Marketing 1:1, Inc. ; Founding partner of Marketing 1:1, Inc.

Every business on the planet is trying to maximize the value created by its customers

Learn how to do it, step by step, in this newly revised Fourth Edition of *Managing Customer Experience and Relationships: A Strategic Framework*.

Written by Don Peppers and Martha Rogers, Ph.D., recognized for decades as two of the world's leading experts on customer experience issues, the book combines theory, case studies, and strategic analyses to guide a company on its own quest to position its customers at the very center of its business model, and to "treat different customers differently."



This latest edition adds new material including:

- How to manage the mass-customization principles that drive digital interactions
- How to understand and manage data-driven marketing analytics issues, without having to do the math
- How to implement and monitor customer success management, the new discipline that has arisen alongside software-as-a-service businesses
- How to deal with the increasing threat to privacy, autonomy, and competition posed by the big tech companies like Facebook, Amazon, and Google

Ideal not just for students, but for managers, executives, and other business leaders, *Managing Customer Experience and Relationships* should prove an indispensable resource for marketing, sales, or customer service professionals in both the B2C and B2B world.

JUNE 2022 368PP
978-1-119-81533-4 CL \$95.95 (Japan)
STRATEGIC MANAGEMENT

Experience, Inc

Why Companies That Uncover Purpose, Create Connection, and Celebrate Their People Will Triumph

JILL POPELKA, DALLAS

The business leader's guide to creating a winning employee experience

In *Experience, Inc.*: *Why Companies that Uncover Purpose, Create Connection, and Celebrate Their People Will Triumph*, veteran business leader and growth strategist Jill Popelka delivers a hands-on guide to building a flexible, adaptable, and engaged workforce that can enable your organization to evolve with emerging challenges. You'll find the insights you need to build a company culture that prioritizes your people, resulting in an empowered and future-ready workforce. Filled with stories from the author's extensive experience as the President of SAP SuccessFactors, the book also offers:

- Advice from global thought leaders on some of today's most pressing issues
- Practical resources for any employee to improve their productivity and impact
- Tips on creating a culture that works for the organization and its people

Experience, Inc. is an essential tool for business leaders of all levels, from the C-suite and senior executives to people managers and human resources practitioners. It is a must-read for organizations looking for ways to build a sustainable, productive, and exciting workplace centered around the most critical driver of business success: employees.



JUNE 2022 240PP
978-1-119-85287-2 CL \$27.00 (Japan)
Management / Leadership

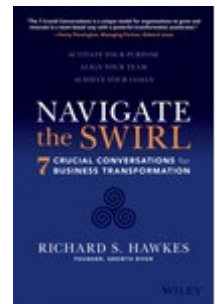
Navigate the Swirl

7 Crucial Conversations for Business Transformation

RICHARD HAWKES, MENDHAM

An actionable blueprint for transformational business journeys

Leading transformation in teams, businesses, and organizations is complex, and leaders are expected to know how to do it. This book provides the clear thinking required to navigate this challenge.



In *Navigate the Swirl: 7 Crucial Conversations for Business Transformation* renowned growth and strategy leader Richard Hawkes delivers a simple and powerful framework that any team can apply to overcome the most common leadership challenges to growing and scaling companies, known as "The Swirl." In this straightforward book, he draws on decades of experience guiding teams to implement strategic change at companies like Edward Jones, GENEWIZ, Hitachi, Pfizer, Johnson & Johnson, Mars, and Chicos. In this book you will learn:

- To understand and lead disruptive change in a complex social system -- your company
- Ways to visualize and diagnose the essential working parts of a company
- How to apply an integrated toolset for teams to lead organizational change and business transformation
- How to create transformational journey maps that leaders, teams, businesses, and companies must apply to unleash growth potential and agility
- How networks of teams should work together to develop each other's leadership and to manage and accelerate change

Written as a practical guide for business and team leaders, *Navigate the Swirl: 7 Crucial Conversations for Business Transformation* belongs on the desks and in the hands of every purpose driven leader.

JUNE 2022 272PP
978-1-119-86879-8 CL \$32.00 (Japan)
Management / Leadership

OKRs for All

Making Objectives and Key Results Work for your Entire Organization

VETRI VELLORE

Transform your organization and get everyone pulling in the same direction by doing OKR's better

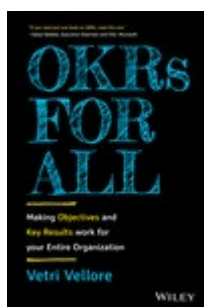
The spiritual successor to KPIs (key performance indicators), OKRs, or objectives and key results, are rapidly gaining popularity and helping some of the world's most successful businesses solve their strategic execution problems. However, some companies struggle with their implementation, finding that using OKRs as top-down directives changes little.

In *OKR's for All*, Objectives and Key Results (OKR) expert Vetri Vellore delivers an impactful and actionable guide on how to use OKRs for more than a quarterly, executive-level review tool. You'll discover how to roll out an OKR system that closes the gap between strategy and project, and starts at the bottom of your organization and helps managers and teams organize their daily decisions around shared and important goals.

You'll find:

- A seven-part blueprint and framework to strategically put purpose at the center of your work, whether you are a CX, team lead, or individual contributor.
- How to build an OKR strike team, align your departments, manage your people, and roll out your new strategic OS.
- Valuable and implementable case studies from companies you know and love
- Best practices to follow and common pitfalls and mistakes to avoid when applying OKRs throughout your organization

Perfect for founders, executives, managers, and employees at organization of all sizes and in any industry, *OKR's for All* will also earn a place in the libraries of consultants and professionals who serve these firms.



Project Management For Dummies

6th Edition

STANLEY E. PORTNY, ASHLAND, UNITED STATES & JONATHAN L. PORTNY, ASHLAND, UNITED STATES

Improve your project management skills and accomplish more in no time at all

In these days when projects seem to be bigger and more challenging than ever before, you need to make sure tasks stay on track, meet the budget, and keep everyone in the loop.

Enter *Project Management For Dummies*. This friendly guide starts with the basics of project management and walks you through the different aspects of leading a project to a successful finish. After you've navigated your way through a couple of projects, you'll have the confidence to tackle even bigger (and more important) projects!

In addition to explaining how to manage projects in a remote work environment, the book offers advice on identifying the right delivery approach, using social media in project management, and deploying agile project management.

If you're planning to enroll in a project management course or take the Project Management Professionals Certification exam, *Project Management For Dummies* is the go-to resource to help you prepare. And if you simply want to improve your outcomes, this handy reference will have you and your team completing project goals like ninjas!



JUNE 2022 UnknownPP
978-1-119-86981-8 PB \$29.99 (Japan)
PROJECT MANAGEMENT

JUNE 2022 288PP
978-1-119-81159-6 CL \$28.00 (Japan)
Management / Teams

Inclusion, Inc.

How to Design Intersectional Equity into the Workplace

SARA SANFORD

Design systemic equity and diversity into your organization

Inclusion, Inc: How to Design Intersectional Equity into the Workplace moves beyond having tough conversations to deliver an innovative and proven approach to organizational diversity. Eschewing the "mindset-first" approach taken by many diversity, equity, and inclusion (DEI) programs, author and GEN founder Sara Sanford focuses on countering the systemic barriers that abet inequity by adjusting "cultural levers" to facilitate organization-wide change.



Inclusion, Inc offers sustainable and cost-effective solutions that yield real, measurable returns, supported by:

- Data from thousands of surveys and interviews with executive-level changemakers.
- Case studies from GEN-certified organizations.
- Innovations drawn directly from the latest in behavioral economics and design-centered thinking.

Perfect for business leaders, human resources and DEI professionals, and scholars and students of business, *Inclusion, Inc* will also prove invaluable to underrepresented employees and their allies seeking real, evidence-based solutions to the dilemma they frequently face: assimilate, or leave.

JUNE 2022 256PP
978-1-119-84976-6 CL \$28.00 (Japan)
Training & Human Resource Development / Diversity

The Other Job

The Unpaid Work of Racialised People in the Workplace

FEMI OTITOJU

The Other Job highlights that Black, Asian and Minority Ethnic people do two jobs in most workplaces; there is the job they are paid to do, the one that appears on their job description and role profile. And then there is "The Other Job", that of being the professional minority ethnic person.

This is the job that sits alongside the paid job; the duties at which they absolutely have to excel if they are even going to get a chance to do their paid job at all, let alone be twice as good it at as members non racialised groups, which most of us know is also essential to success.

In *The Other Job* we will explore this extra unpaid work, why it is expected, how members of racialised groups can manage that expectation and the role of our colleagues and managers in making sure these extra duties aren't undertaken at the expense of our paid work. This book will cover:

- The concept of "The Other Job"
- Why employers' managers and colleagues have created the role
- How leaders should acknowledge and reward "The Other Job"
- The benefits of success at "The Other Job"

The Other Job is essential reading for anyone dealing with race issues at work. If you are a member of any minority ethnic community, this book can serve as a survival manual. If you work in a diverse team this book will give you insight into the issues facing your minority ethnic colleagues at work and become a better ally.

JUNE 2022 256PP
978-1-119-78991-8 CL \$24.95 (Japan)
Training & Human Resource Development / Diversity

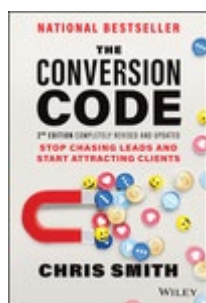
The Conversion Code

Stop Chasing Leads and Start Attracting Clients
2nd Edition

CHRIS SMITH, ORLANDO

The new edition of the bestselling book for real estate agents, loan officers, SaaS and small businesses.

In this revision, *The Conversion Code: A Step-by-Step Guide to Marketing and Sales that Will Grow Your Business Faster*, Second Edition, digital marketing and lead conversion expert Chris Smith delivers the ultimate exploration of the marketing and advertising tactics that are successfully generating higher quality leads that are easier for salespeople to convert. Smith researches and tests the latest and most popular platforms, including TikTok, YouTube and Instagram, while also studying the most effective sales techniques, tools, and scripts.



In this book, you'll learn to:

- Increase your lead conversion rate, reduce your cost per lead and improve your overall ROI from marketing and sales
- Generate an endless supply of high-quality leads from social media that are easy to convert into closed sales
- Stop chasing leads and start attracting clients with amazing marketing and clever ads
- Adapt to the consumer privacy changes that have made targeting ads and getting leads to answer the phone harder than ever

An invaluable reference and easy to follow guide for real estate agents, loan officers, SaaS and small businesses competing in the hyper-competitive online environment. *The Conversion Code*, Second Edition, is also a fantastic resource for sales leaders, marketing managers, business owners and anyone else with a team who is responsible for growing revenue.

JUNE 2022 288PP
978-1-119-87580-2 CL \$28.00 (Japan)
MARKETING & SALES

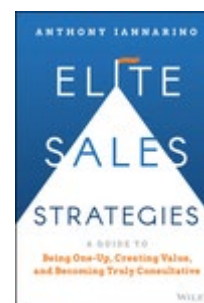
Elite Sales Strategies

A Guide to Being One-Up, Creating Value, and
Becoming Truly Consultative

ANTHONY IANNARINO, WESTERVILLE

Accelerate your sales career with this how-to book from an expert in sales

In *Elite Sales Strategies*, expert sales leader Anthony Iannarino offers his philosophy about becoming a commercial success. This guidebook provides unique insights into how to approach every sale by serving your clients from a position of authority and expertise. As Iannarino himself notes, this technique speaks to an ethical obligation towards your client, combining ethics and tactics to help place you in a position where your strengths can be fully utilized.



This guidebook suggests putting yourself in a "one-up" position, where you, as the salesperson, come to a client in a position of authority and strength, where you yourself are qualified to offer nuanced and helpful advice to companies that have put themselves in a "one-down" position, whether that be by bad decision-making, poor understanding of the marketplace, or bad luck. At its heart, this book suggests you find the advantages that you can provide that will, in turn, help your client become "one-up" themselves in their own field and ensure they achieve the better results they need.

As a successful international speaker, author, and sales leader, Anthony Iannarino brings a unique set of skills to bear in this book. Iannarino's tried-and-true methodology is an ideal resource for sales professionals in all fields, as well as for executives and managers looking to improve their sales success and position within the business world.

JUNE 2022 272PP
978-1-119-85894-2 CL \$27.00 (Japan)
Marketing & Sales

Selling Your Expertise

The Mindset, Strategies, and Tactics of Successful Rainmakers

ROBERT CHEN

Build your book of business and sell more services with this expert guide for knowledge professionals

How do rainmakers consistently and continuously sell their ideas and grow their client base? What is the secret to their ongoing success? Whether they are in accounting, consulting, investment banking, law, or any other type of professional service, it's not just their knowledge, experience, and unique services that set them apart. They succeed by adopting the mindset, mastering the strategies, and employing the tactics at the heart of rainmaking.

In *Selling Your Expertise: The Mindset, Strategies, and Tactics of Successful Rainmakers*, veteran communications, sales, and leadership consultant Robert Chen provides a practical guide to selling knowledge-based services in a market that demands credibility and subject-matter authority. Chen and his colleagues at Exec|Comm have helped hundreds of thousands of professionals learn to sell, influence, and negotiate more effectively. This book condenses Chen's first-hand experience and over 40 years of Exec|Comm's best sales advice, along with interviews featuring other successful rainmakers from a variety of professions and industries.

The perfect book for consultants, investment bankers, lawyers, research analysts, and accountants, *Selling Your Expertise* is an invaluable resource for any professional who makes a living by selling solutions to their clients' most pressing needs.



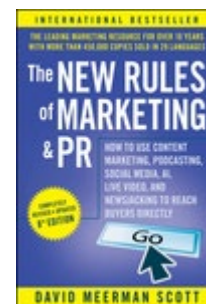
JUNE 2022 336PP
978-1-119-75514-2 CL \$27.00 (Japan)
Marketing & Sales

The New Rules of Marketing and PR

How to Use Content Marketing, Podcasting, Social Media, AI, Live Video, and Newsjacking to Reach Buyers Directly, 8th Edition

DAVID MEERMAN SCOTT, LEXINGTON, UNITED STATES

As the ways we communicate continue to evolve, keeping pace with the latest trends in social media, including social audio like Clubhouse, the newest online video tools such as TikTok, and all the other high-tech influences, can seem an almost impossible task. How can you keep your product or service from getting lost in the digital clutter? The eighth edition of *The New Rules of Marketing and PR* provides everything you need to speak directly to your audience, make a strong personal connection, and generate attention for your business.



An international bestseller with nearly half a million copies sold in twenty-nine languages, this revolutionary guide gives you a proven, step-by-step plan for leveraging the power of technology to get your message seen and heard by the right people at the right time. You will learn the latest approaches for highly effective public relations, marketing, and customer communications—all at a fraction of the cost of traditional advertising!

The latest edition of *The New Rules of Marketing and PR* has been completely revised and updated to present the most innovative methods and cost-effective strategies. The most comprehensive update yet shows you details about the pros and cons of AI and machine learning to automate routine tasks. Your life is already AI-assisted. Your marketing should be too, but there are challenges to be aware of.

The eighth edition of *The New Rules of Marketing and PR: How to Use Content Marketing, Podcasting, Social Media, AI, Live Video, and Newsjacking to Reach Buyers Directly* is the ideal resource for entrepreneurs, business owners, marketers, PR professionals, and managers in organizations of all types and sizes.

JUNE 2022 480PP
978-1-119-85428-9 PB \$24.00 (Japan)
STRATEGIC MARKETING

The Tax Law of Charitable Giving

2022 Cumulative Supplement, 6th Edition

BRUCE R. HOPKINS, KANSAS CITY, UNITED STATES

Member, District of Columbia Bar

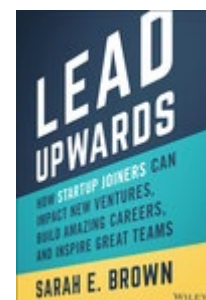


JUNE 2022 112PP
978-1-119-87355-6 PB \$150.00 (Japan)
NON-PROFIT ORGANIZATIONS / LAW

Lead Upwards

How Startup Joiners Can Impact New Ventures, Build Amazing Careers, and Inspire Great Teams

SARAH E. BROWN, BOULDER, UNITED STATES



In *Lead Upwards: How Startup Joiners Can Impact New Ventures, Build Amazing Careers, and Inspire Great Teams*, startup marketing leader Sarah E. Brown delivers an illuminating and accessible guide to maximizing your impact and delivering results in a startup leadership role. The author draws on over a decade of experience scaling SaaS companies as she explains how to prepare for, earn, and succeed in an executive role at a startup company.

The book describes every step on the way to realizing your goals--and the goals of your startup--as you navigate the gap between a management role and the executive team. It covers what to do in your first 90 days, how to build and sustain a healthy team culture, and the art of communicating results to your leadership team and board. You'll also learn:

- How to manage the challenges posed by leading a remote, distributed, or hybrid team
- Management strategies based on inclusive and diverse teambuilding, alignment with business objectives, and inspirational leadership
- Effective ways to level up your skills and stay current as your company grows

A must-read book for current and aspiring executives at startup firms, *Lead Upwards* will also earn a place on the bookshelves of startup board members, founders, funders, and managers seeking a singularly insightful discussion of business leadership.

JUNE 2022 320PP
978-1-119-83335-2 CL \$25.00 (Japan)
Small Business & Entrepreneurship

Commercial Real Estate Investing For Dummies

2nd Edition

PETER CONTI & PETER HARRIS

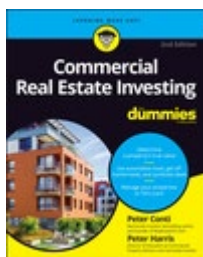
Make your money work for you with sound commercial real estate investment strategies

If you're looking for more detailed advice on the commercial real estate market than, "Buy low, sell high," you've come to the right place. *Commercial Real Estate Investing For Dummies* is where you can find the smart, straightforward, and accurate info you need to get your start--or grow your portfolio--in commercial real estate.

You'll learn foundational strategies, tips, and tricks for investing in all sorts of commercial properties, from apartments to shopping malls. You'll also get rock-solid advice on:

- How to get started in commercial real estate investing, even if you've never tried it before
- How to work with business and investment partners and protect your own interests with contracts
- Financing your investments with a variety of instruments and taking advantage of legal tax opportunities

Growing wealth by investing in real estate is a strategy as old as money itself. Do yourself a favor and get in on the action with this straightforward and up-to-date guide!



JUNE 2022 UnknownPP
978-1-119-85848-5 PB \$24.99 (Japan)
PROPERTY & REAL ESTATE

Foreclosure Investing For Dummies

2nd Edition

RALPH R. ROBERTS, CLINTON, UNITED STATES, WITH JOSEPH KRAYNAK, CRAWFORDSVILLE, UNITED STATES & WITH KYLE ROBERTS

Make foreclosure investing work for you with this practical and easy-to-understand guide

Looking to kick start your own property management career? Check out *Foreclosure Investing For Dummies*, which will get you started buying foreclosed properties to turn into your own income property!

In this book, you'll learn to navigate the complexities of home auctions, deal with emotional former homeowners, and how to handle renovations. You'll also get a heads-up on the foreclosure laws in all 50 states so you don't accidentally run afoul of any complicated regulations.

Foreclosure Investing For Dummies shows you how to:

- Locate properties for sale and identify associated opportunities and risks
- Buy properties below market value at auction, from lending institutions, and from government agencies
- Fix up, renovate, and sell or lease your new property for a profit

This hands-on guide can help anyone make foreclosure investing work. So, grab a copy of *Foreclosure Investing For Dummies*, roll up your sleeves, and get going!



JUNE 2022 UnknownPP
978-1-119-86098-3 PB \$26.99 (Japan)
PROPERTY & REAL ESTATE

Impact the World

Live Your Values and Drive Change As a Citizen Statesperson

CARRIE RICH & DEAN FEALK

Impact the World: Live Your Values and Drive Change As a Citizen Statesperson is your motivational hands-on, "how-to" guide to becoming a superpowered individual committed to improving your community--and the world--through your values and actions. You'll discover why the intersection of a renewed civic spirit and new technologies empowering individuals at the local level equates to an unprecedented opportunity to channel global impact. .



From poverty and homelessness to violence and corruption, we often see challenges in the world around us and ask, "Why doesn't someone do something?" We look to people with more experience, or people with more influence, or people with more time or resources than ourselves to step up and find answers to some of our biggest problems. But what if we didn't wait for others? What if we stepped up, and looked for ways to employ our skills to solve the biggest and most complex problems of our time?

That's what leaders do. That's what citizen statespeople do.

This book is a call to action. From Latin America to Africa to the United States, from the private sector, to government, to the frontlines of social entrepreneurship, authors Carrie Rich and Dean Fealk explore the benefits and challenges of becoming a citizen statesperson, showing how to pull together disparate threads to solve pressing social, political, and economic challenges

Simultaneously optimistic, inspiring, intensely practical, and engaging, *Impact the World* will earn a valued place in the libraries of civic leaders, activists, social justice advocates, business executives, politicians, volunteers, public servants, and anyone else looking for a way to magnify their influence and impact in any area that matters to them.

JUNE 2022 240PP
978-1-119-84891-2 CL \$28.00 (Japan)
Business & Management Special Topics

Loved

How to Rethink Marketing for Tech Products

MARTINA LAUCHENGCO

Most tech companies get marketing wrong because they don't know how to do product marketing right. The next in the bestselling SVPG series, LOVED shows what leaders like Apple, Netflix, Microsoft, and Salesforce do well and how to apply it to transform product marketing at your company.



The best products can still lose in the marketplace. Why? They are beaten by products with stronger product marketing. Good product marketing is the difference between "also-ran" products versus products that lead. And yet, product marketing is widely misunderstood. Although it includes segmenting customers, positioning your product, creating product collateral, and supporting sales teams, great product marketing achieves much more. It directs the best way to bring your product to market. It shapes what the world thinks about your product and category. It inspires others to tell your product's story.

Part of the bestselling series including INSPIRED and EMPOWERED, LOVED explains the fundamentals of best-in-class product marketing for product teams, marketers, founders and any leader with a product and a vision.

Sharing her personal stories as a former product and marketing leader at Microsoft and Netscape, and as an advisor to Silicon Valley startups, venture capitalist, and UC Berkeley engineering graduate school lecturer, Martina Lauchengco distills decades of lessons gleaned from working with hundreds of companies to make LOVED the definitive guide to modern product marketing.

LOVED is an invitation to rethink tired notions of product marketing and practice a more dynamic, customer and market-centric version that creates raving fans and helps products achieve their full market potential.

SERIES: SILICON VALLEY PRODUCT GROUP

JUNE 2022 304PP
978-1-119-70364-8 CL \$34.00 (Japan)
Business & Management Special Topics

Revenue Operations

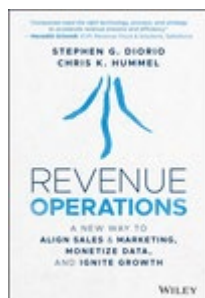
A New Way to Align Sales & Marketing, Monetize Data, and Ignite Growth

STEPHEN DIORIO, WESTPORT & CHRIS K. HUMMEL, PURCHASE

Crush siloes by connecting teams, data, and technologies with a new systems-based approach to growth.

Growing a business in the 21st Century has become a capital intensive and data-driven team sport. In *Revenue Operations: A New Way to Align Sales and Marketing, Monetize Data, and Ignite Growth*, an accomplished team of practitioners, academics, and experts provide a proven system for aligning revenue teams and unlocking growth. The book shows everyone how to connect the dots across an increasingly complex technology ecosystem to simplify selling and accelerate revenue expansion. With *Revenue Operations*, you'll understand what it takes to successfully transition to the new system of growth without killing your existing business. This practical and executable approach can be used by virtually any business - large or small, regardless of history or industry - that wants to generate more growth and value.

An indispensable resource for anyone who wants to get more from their business -- board members, CEOs, business unit leaders, strategists, thought leaders, analysts, operations professionals, partners, and front-line doers in sales, marketing, and service - *Revenue Operations* is based on over one thousand surveys of and interviews with business professionals conducted during 2020 and 2021. It also includes a comprehensive analysis of the sales and marketing technology landscape. As a perfectly balanced combination of academic insight and data-driven application, this book belongs on the bookshelves of anyone responsible for driving revenue and growth.



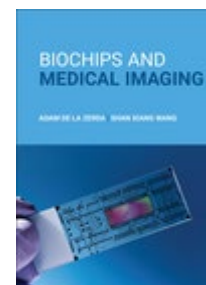
JUNE 2022 304PP
978-1-119-87111-8 CL \$32.00 (Japan)
Business & Management Special Topics

Biochips and Medical Imaging

ADAM DE LA ZERDA & SHAN X WANG

Advanced, recent developments in biochips and medical imaging

Biochips and Medical Imaging is designed as a professional resource, covering recent biochip and medical imaging developments. Within the text, the authors encourage uniting aspects of engineering, biology, and medicine to facilitate advancements in the field of molecular diagnostics and imaging.



Biochips are microchips for efficiently screening biological analytes. This book aims at presenting information on the state-of-the-art and emerging biosensors, biochips, and imaging devices of the body's systems, including the endocrine, circulatory, and immune systems.

Medical diagnostics includes biochips (in-vitro diagnostics) and medical and molecular imaging (in-vivo imaging). *Biochips and Medical Imaging* explores the role of in-vitro and in-vivo diagnostics. It enables an instructor to share in-depth examples of the use of biochips in diagnosing cancer and cardiovascular diseases.

- Provides real-life knowledge on biochips and medical imaging, written by leading researchers
- Serves as a resource for professionals working in the biochip or imaging fields
- Features an accessible approach for anyone interested in biochips and their applications

Readers of *Biochips and Medical Imaging* can expand their knowledge of medical technology, even if they have no biological knowledge and a limited math background. With its focus on important developments, this book is sure to also capture the interest of bioengineering and biomaterials scientists, structural biologists, electrical engineers, and nanotechnologists.

JUNE 2022 384PP
978-1-118-91050-4 CL \$180.00 (Japan)
Biomedical Imaging

土木工学

Design of Composite Structures

Eurocode 4 - Design of Composite Steel and Concrete Structures Part 1-1 - General Rules and Rules for Buildings

EDITOR ECCS - EUROPEAN CONVENTION FOR CONSTRUCTIONAL STEELWORK

This book elucidates the design rules for composite structures according to Eurocodes 3 and 4. Numerous examples facilitate the application of the standards



JUNE 2022 350PP
978-3-433-03008-0 PB \$65.00 (Japan)
Steel Construction & Bridge Engineering

Code of Practice for Project Management for the Built Environment

6th Edition

CIOB (THE CHARTERED INSTITUTE OF BUILDING)

Ascot

The latest edition of the gold standard in construction project management references

In the newly revised sixth edition of *Code of Practice for Project Management for the Built Environment*, the Chartered Institute of Building delivers an up-to-date and comprehensive reference to the principles and practice of project management in construction and development. This latest edition covers the new technologies, internationalization, changing legislation, and productivity and profitability challenges faced by contractors that are driving significant change in the industry.



The book demonstrates the application of systematic documentation and quality control to complex construction projects and offers checklists and documentation that link key principles to practical project management. It is worldwide in scope and widely recognized as the industry standard on the subject.

Perfect for project management professionals in construction contracting and client organizations, *Code of Practice for Project Management for the Built Environment* will also earn a place in the libraries of advanced undergraduate students of project management and construction-related subjects.

JUNE 2022 320PP
978-1-119-71513-9 PB \$80.00 (Japan)
CONSTRUCTION MANAGEMENT

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Sustainable Construction

Green Building Design and Delivery, 5th Edition

CHARLES J. KIBERT

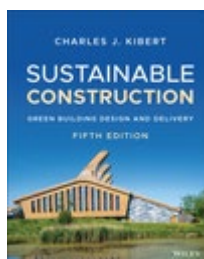
University of Florida, Gainesville, FL

DISCOVER THE LATEST EDITION OF THE LEADING TEXTBOOK ON SUSTAINABLE CONSTRUCTION AND GREEN BUILDING

In the newly revised Fifth Edition of *Sustainable Construction: Green Building Design and Delivery*, the late Dr. Charles J. Kibert delivers a rigorous overview of the design, construction, and operation of high-performance green buildings. In the leading textbook on sustainable building, the author provides thoroughly updated information on everything from materials selection to building systems.

Updated to reflect the latest building codes and standards, including LEED v4.1, the book offers readers coverage of international green building codes and standards, biomimicry, ecological design, focused assessment systems like SITES, EDGE, WELL, and Fitwell, and sustainable construction resilience.

Perfect for upper level undergraduate and graduate level students in architecture, architectural technology, civil engineering, and construction management, *Sustainable Construction* is also an indispensable resource for anyone studying for the LEED Green Associate exam, as well as industry professionals and building owners.



JUNE 2022 656PP
978-1-119-70645-8 CL \$104.95 (Japan)
CONSTRUCTION: SUSTAINABILITY

Simultaneous Mass Transfer and Chemical Reactions in Engineering Science

BERTRAM K. C. CHAN

A comprehensive look at the basic science of diffusional process and mass transfer

Mass transfer as a principle is an essential part of numerous unit operations in biomolecular, chemical, and process engineering; crystallization, distillation, and membrane separation processes, for example, use this important method. Given this significance--particularly in engineering design where these processes occur--understanding the design and analysis of such unit operations must begin with a basic understanding of how simultaneous mass transfer and the chemical reactions that influence these occurrences. It is also vital to be aware of the most up-to-date technologies for analyzing and predicting the phenomena.

Given the significance of this process, *Simultaneous Mass Transfer and Chemical Reactions* is an important resource as it introduces the reader to the complex subject of simultaneous mass transfer with biochemical and chemical reactions and gives them the tools to develop an applicable design. Analyzing the systems of simultaneous mass transfer and reactions is at the core of this book, as all known design approaches are carefully examined and compared. The volume also provides the reader with a working knowledge of the latest technologies--with a special focus on the open-sourced computer programming language R--and how these tools are an essential resource in quantitative assessment in analysis models.

Simultaneous Mass Transfer and Chemical Reactions is a useful reference for students in chemical engineering, biotechnology, or chemistry, as well as professional process and chemical engineers.



JUNE 2022 500PP
978-3-527-34665-3 CL \$165.00 (Japan)
Computer-Aided Engineering

Pipe Flow

A Practical and Comprehensive Guide, 2nd Edition

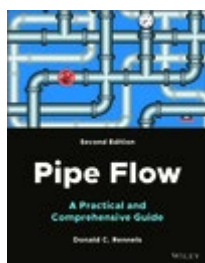
DONALD C. RENNELS

Provides detailed coverage of hydraulic analysis of piping systems, revised and updated throughout

Pipe Flow: A Practical and Comprehensive Guide provides the information required to design and analyze of piping systems for distribution systems, power plants, and other industrial operations. Divided into three parts, this authoritative resource describes the methodology for solving pipe flow problems, presents loss coefficient data for a wide range of piping components, and examines pressure drop, cavitation, flow-induced vibration, and other flow phenomena that affect the performance of piping systems. Throughout the book, sample problems and worked solutions illustrate the application of core concepts and techniques.

The second edition features revised and expanded information throughout, including an entirely new chapter that presents a mixing section flow model for accurately predicting jet pump performance. This edition includes additional examples, supplemental problems, and a new appendix of the speed of sound in water. With clear explanations, expert guidance, and precise hydraulic computations, this classic reference text remains required reading for anyone working to increase the quality and efficiency of modern piping systems.

Pipe Flow: A Practical and Comprehensive Guide, Second Edition is an excellent textbook for engineering students, and an invaluable reference for professional engineers engaged in the design, operation, and troubleshooting of piping systems.



JUNE 2022 400PP
978-1-119-75643-9 CL \$140.00 (Japan)
PROCESS ENGINEERING

Human Factors Handbook for Process Plant Operations

Improving Process Safety and System Performance

CCPS (CENTER FOR CHEMICAL PROCESS SAFETY)

Human Factors, the science of interaction between humans and other elements of a system, draws from disciplines such as psychology, ergonomics, anthropometrics, and physiology to understand how and why people behave and perform as they do--and how best to support them in performing tasks. The goals of the Human Factors approach are to improve human reliability, minimize the risk from human error, and optimize the working environment, human wellbeing, and overall system performance.

Process Plant Operations Human Factors Handbook guides supervisors, managers, and engineers on incorporating Human Factors principles and practices into plant maintenance and operations. With thorough and accessible coverage of all Human Factors topics of relevance to process industries, this easy-to-use handbook uses real-world anecdotes and case studies to demonstrate effective training and learning, task planning, communications, emergency response, risk and error management, and more. Throughout the text, the authors offer valuable insights into why people make mistakes while providing advice on how to help workers perform their process operational tasks successfully.

Written by highly experienced operating and maintenance personnel, *Process Plant Operations Human Factors Handbook: A Guide for Improving Process Safety and Overall System Performance* is an indispensable resource for everyone involved with defining, planning, training, and managing process operations, maintenance, and emergency response in the food, pharmaceutical, chemical, petroleum, and refining industries.



JUNE 2022 496PP
978-1-119-64049-3 CL \$135.00
Process Safety

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Process Safety for Engineers

An Introduction, 2nd Edition

CCPS (CENTER FOR CHEMICAL PROCESS SAFETY)

In this significantly revised second edition of *Process Safety for Engineers: An Introduction*, CCPS delivers a comprehensive book showing how Process Safety concepts are used to reduce operational risks. Students, new engineers, and others new to process safety will benefit from this book.

In this updated edition, each chapter begins with a detailed incident case study, provides steps that help address issues, and contains problem sets which can be assigned to students.

The second edition covers:

- **Process Safety:** including an overview of CCPS' Risk Based Process Safety
- **Hazards:** specifically fire and explosion, reactive chemical, and toxic
- **Design considerations for hazard control:** including Hazard Identification and Risk Analysis
- **Management of operational risk:** including management of change

In addition, the student will learn how Process Safety performance is monitored and sustained, and how to use the guide linking book content to the latest online CCPS resources and lectures.

JUNE 2022 UnknownPP
978-1-119-83098-6 CL \$160.00 (Japan)
PROCESS SAFETY

Current Practice in Forensic Medicine, Volume 3

EDITOR JOHN A. M. GALL & EDITOR JASON PAYNE-JAMES

Southern Medical Services

Presents a unique overview and critical commentary on the latest developments in forensic medical practice worldwide

The field of forensic medicine continues to evolve worldwide. In recent years, the amount of research has increased and new areas of forensic specialization have developed. Forensic practitioners need to keep pace with a range of international advances, from innovative technologies, to new or revised laws and regulations, to emerging issues of controversy.

Current Practice in Forensic Medicine, Volume 3 provides an in-depth examination of key areas of the field. This timely and comprehensive resource addresses consent for forensic procedures, imaging for soft tissue injuries, working with victims of torture, non-accidental injury in the elderly, medical and toxicological aspects of chemical warfare, non-fatal strangulation, abusive head trauma in young children, and more. Each chapter contains a general overview of the area under discussion, references to published literature, and detailed discussion of significant changes and key points.

Supported by the most recent evidence-based research, *Current Practice in Forensic Medicine, Volume 3* is a must-have for all those involved in various aspects of forensic medicine including doctors, dentists, forensic scientists, lawyers, law enforcement professionals, and forensic practitioners.



JUNE 2022 320PP
978-1-119-68409-1 CL \$125.00 (Japan)
Forensics

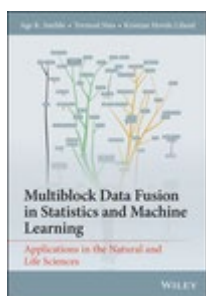
Multiblock Data Fusion in Statistics and Machine Learning

Applications in the Natural and Life Sciences

AGE SMILDE, TORMOD T. NÆS & KRISTIAN H. LILAND

University of Amsterdam, The Netherlands

Arising out of fusion problems that exist in a variety of fields in the natural and life sciences, the methods available to fuse multiple data sets have expanded dramatically in recent years. Older methods, rooted in psychometrics and chemometrics, also exist.



Multiblock Data Fusion in Statistics and Machine Learning: Applications in the Natural and Life Sciences is a detailed overview of all relevant multiblock data analysis methods for fusing multiple data sets. It focuses on methods based on components and latent variables, including both well-known and lesser-known methods with potential applications in different types of problems.

Many of the included methods are illustrated by practical examples and are accompanied by a freely available R-package. The distinguished authors have created an accessible and useful guide to help readers fuse data, develop new data fusion models, discover how the involved algorithms and models work, and understand the advantages and shortcomings of various approaches.

Perfect for graduate students studying data analysis in the context of the natural and life sciences, including bioinformatics, sensometrics, and chemometrics, *Multiblock Data Fusion in Statistics and Machine Learning: Applications in the Natural and Life Sciences* is also an indispensable resource for developers and users of the results of multiblock methods.

JUNE 2022 480PP
978-1-119-60096-1 CL \$125.00 (Japan)
Chemometrics & Data Handling

Systems Biogeochemistry of Major Marine Biomes

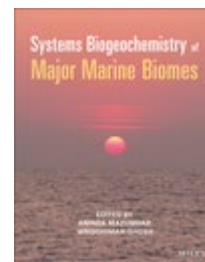
ANINDA MAZUMDAR & WRIDDHIMAN GHOSH

CSIR-National Institute of Oceanography, Dona Paula, India;
Bose Institute, Kolkata, India

A comprehensive system-level discussion of the geomicrobiology of the Earth's oceans

In *Systems Biogeochemistry of Major Marine Biomes*, a team of distinguished researchers delivers a systemic overview of biogeochemistry across a number of major

physiographies of the global ocean: the waters and sediments overlying continental margins; the deep sub-surfaces; the Arctic and Antarctic oceans; and the physicochemical extremes such as the hypersaline and sulfidic marine zones, cold methane seeps and hydrothermal ecosystems.



The book explores state of the art advances in marine geomicrobiology and investigates the drivers of biogeochemical processes. It highlights the imperatives of the unique, fringe, and cryptic processes while studying the geological manifestations and ecological feedbacks of *in situ* microbial metabolisms. Taking a holistic approach toward the understanding of marine biogeochemical provinces, this book emphasizes the centrality of culture-dependent and culture-independent (meta-omics-based) microbiological information within a systems biogeochemistry framework. Perfect for researchers and scientists in the fields of geochemistry, geophysics, geomicrobiology, oceanography, and marine science, *Systems Biogeochemistry of Major Marine Biomes* will also earn a place in the libraries of policymakers and advanced graduate students seeking a one-stop reference on marine biogeochemistry.

JUNE 2022 384PP
978-1-119-55438-7 CL \$199.95 (Japan)
Environmental Chemistry

Introduction to Desalination

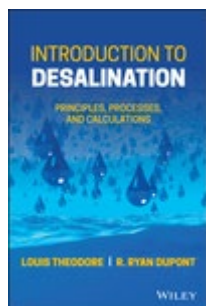
Principles and Calculations

LOUIS THEODORE & RYAN R. DUPONT

Manhattan College; Utah State University

Explore the principles, methods, and applications of modern desalination

Introduction to Desalination: Principles and Calculations delivers a comprehensive and robust exploration of desalination highlighted with numerous illustrative examples and calculations.



The book is divided into three sections, the first of which offers an introduction to the topic that includes chapters covering global water scarcity and the need for "new water." The second section discusses the desalination process, including evaporation, reverse osmosis, crystallization, hybrid systems, and other potable water processes. The final part covers topics like water conservation, environmental considerations of desalination, economic impacts of desalination, optimization, ethics, and the future of desalination.

The book also includes:

- A comprehensive introduction to desalination, including discussions of engineering principles, the physical, chemical, and biological properties of water, and water chemistry
- An extensive engineering analysis of the various desalination processes
- Practical discussions of miscellaneous desalination topics, including the environmental and economic effects of the technology

Perfect for process, chemical, mechanical, environmental, and civil engineers, *Introduction to Desalination: Principles and Calculations* is also an indispensable resource for materials scientists, operators, and technicians working in the field.

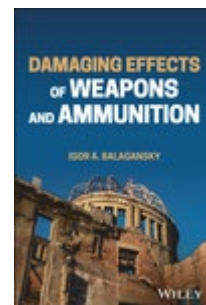
JUNE 2022 UnknownPP
978-1-119-69167-9 CL \$150.00 (Japan)
Water Chemistry

Damaging Effects of Weapons and Ammunition

IGOR A. BALAGANSKY

Comprehensive coverage of weapon damage effects on a variety of objects

Damaging Effects of Weapons and Ammunition delivers a thorough exploration of a range of issues related to the effects of ammunition and weapons. The book includes coverage of the basic concepts of the theory of efficiency and the physical foundations of the functional and damaging effects of fragments, shaped charges, high-explosive and penetrating weapons.



The author discusses the calculation formulas used to evaluate the parameters of damage fields and their interaction with various objects. Additionally, the book expands on the damage criteria of weapons, the characteristics of the vulnerability of objects with respect to a variety of damaging factors, dependencies for assessing safe distances, and the resistance of various structures to the effects of explosion and impact.

Damaging Effects of Weapons and Ammunition also offers:

- Detailed calculation methods indicating areas of application and the necessary units of used quantities
- Extensive examples of classic designs of ammunition from around the world
- Discussions of the characterization of various types of ammunition, including high-explosive, fragment, penetrative, and shaped charges
- A chapter on the numerical simulation of high-speed processes

Perfect for technical specialists working in the fields of explosion safety and explosives, *Damaging Effects of Weapons and Ammunition* also belongs in the libraries of researchers and students studying explosion phenomena, explosive technologies, explosion safety, and materials science.

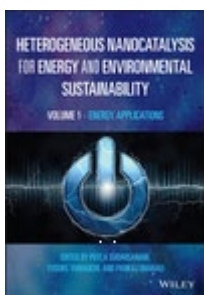
JUNE 2022 368PP
978-1-119-77953-7 CL \$160.00 (Japan)
Explosives and Propellants

Heterogeneous Nanocatalysis for Energy and Environmental Sustainability, Volume 1

Energy Applications

EDITOR PUTLA SUDARSANAM, EDITOR YUSUKE YAMAUCHI &
EDITOR PANKAJ BHARALI

Published in two volumes, this set of books discusses fundamental concepts and practical applications of heterogeneous nanocatalysis for alternative energy production green fuels, CO₂ conversion, fuel cells and electrochemical energy conversion processes, clean water, and environmental protection. The volumes cover 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, as well as metals and metal oxides in confined spaces (carbon nanotubes, hierarchical zeolites, MOFs, and mesoporous silicas). The structure-activity performance of nano-sized catalysts, and kinetic/mechanistic investigations of catalytic reactions in real-time are explored, and the volumes also present computational approaches for understanding mechanistic pathways. The catalytic performance and stability of nanoclusters (0.8-1 nm) with respect to nanoparticles (1-100 nm) is also provided in each chapter. In addition, opportunities and challenges for using nanosized catalysts for practical applications are critically discussed in each chapter. Volume 1, Heterogeneous Nanocatalysis for Energy and Environmental Sustainability: Energy Applications focuses on the conversion of renewable energy (biomass/solar) into green fuels and chemicals, clean hydrogen production and electrochemical energy conversion processes using a variety of nanosized catalysts.



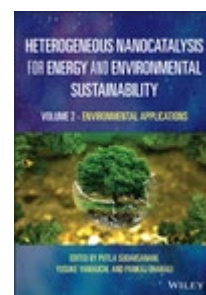
JUNE 2022 376PP
978-1-119-77199-9 CL \$175.00 (Japan)
Catalysis

Heterogeneous Nanocatalysis for Energy and Environmental Sustainability, Volume 2

Environmental Applications

EDITOR PUTLA SUDARSANAM, EDITOR YUSUKE YAMAUCHI &
EDITOR PANKAJ BHARALI

Volume 2, Heterogeneous Nanocatalysis for Energy and Environmental Sustainability: Environmental Applications focuses on the purification of auto-exhaust pollutants/volatile organic compounds, CO₂ conversion, and wastewater treatment over a variety of nanosized catalysts.



JUNE 2022 376PP
978-1-119-77202-6 CL \$175.00 (Japan)
Catalysis

Heterogeneous Catalysis for Sustainable Energy

EDITOR LANDONG LI & EDITOR JUSTIN S. J. HARGREAVES

University of Glasgow, Glasgow, UK

Explore the state-of-the-art in heterogeneous catalysis

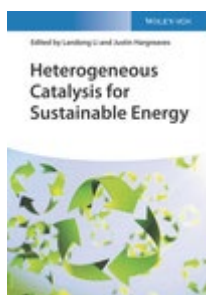
In *Heterogeneous Catalysis for Sustainable Energy*, a team of distinguished researchers delivers a comprehensive and cutting-edge treatment of recent advancements in energy-related catalytic reactions and processes in the field of heterogeneous catalysis. The book includes extensive coverage of the hydrogen economy, methane activation, methanol-to-hydrocarbons, carbon dioxide conversion, and biomass conversion methane activation.

The authors explore different aspects of the technology, like reaction mechanisms, catalyst synthesis, and the commercial status of the reactions. The book also includes:

- A thorough introduction to the hydrogen economy, including hydrogen production, the reforming of oxygen-containing chemicals, and advances in Fischer-Tropsch Synthesis
- Comprehensive explorations of methane activation, including steam and dry reforming of methane and methane activation over zeolite catalysts
- Practical discussions of alkane activation, including cracking of hydrocarbons to light olefins and catalytic dehydrogenation of light alkanes
- In-depth examinations of zeolite catalysis and carbon dioxide as C1 building block

Perfect for catalytic, physical, and surface chemists, *Heterogeneous Catalysis for Sustainable Energy* also belongs in the libraries of materials scientists with an interest in energy-related reactions and processes in the field of heterogeneous catalysis.

JUNE 2022 576PP
978-3-527-34485-7 CL \$185.00 (Japan)
Heterogeneous Catalysis



Aerosol Technology

Properties, Behavior, and Measurement of Airborne Particles, 3rd Edition

WILLIAM C. HINDS & YIFANG ZHU

UCLA; UCLA

Since 1982, *Aerosol Technology* has been the number one text of choice among students and professionals who need to acquire a thorough working knowledge of modern aerosol theory and applications. While the fundamentals of aerosol science and technology have changed little over the years, the latter has changed substantially since the second edition was published.

The third edition reflects the considerable advances that have been made over the past several decades of aerosol-related application areas. The latest edition has updated examples, sections, and practice problems designed to help readers gain mastery over the material. The book also includes new content exploring recent advances in areas of aerosol technology such as nanoparticles, health effects of atmospheric aerosols, modern instruments, remote sensing, bioaerosols, and low-cost sensors.

JUNE 2022 432PP
978-1-119-49404-1 CL \$150.00 (Japan)
CHEMICAL AND ENVIRONMENTAL HEALTH AND SAFETY

Principles of Toxicology

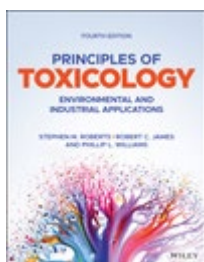
Environmental and Industrial Applications
4th Edition

EDITOR STEPHEN M. ROBERTS, EDITOR ROBERT C. JAMES &
EDITOR PHILLIP L. WILLIAMS

Principles of Toxicology concisely and efficiently presents the scientific basis for toxicology as it applies to the workplace and the environment, covering diverse chemical hazards encountered in modern workplaces and natural environments and providing a practical understanding of these hazards for those concerned with protecting the health of humans and ecosystems. The work presents not only theory, but also practical information regarding chemical hazards to give the student and new professional a working knowledge of the practice of toxicology and the ability to solve problems in environmental and industrial settings.

Case histories and examples from industrial and environmental exposures to chemicals are included to demonstrate the application of toxicological principles. To allow for seamless reader comprehension and further exploration of covered topics, the work is supplemented with numerous illustrations to clarify and summarize key points, as well as annotated bibliographies. In the 4th edition, all chapters and references have been updated to account for the latest scientific thinking, and new color figures have been added.

Providing information on the principles of toxicology and the application of those principles to solve problems in environmental and industrial settings, *Principles of Toxicology* serves as an excellent textbook resource for advanced undergraduate, graduate, and professional students in a range of environmental and health fields. It is also valuable to health professionals who need toxicological information and assistance beyond what is found in an introductory text to general toxicology.



Carbon Monoxide in Drug Discovery

Basics, Pharmacology, and Therapeutic Potential

BINGHE WANG & LEO E. OTTERBEIN

Georgia State University, Atlanta

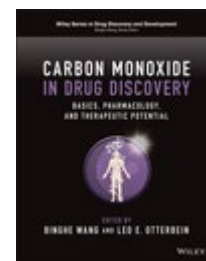
An insightful reference for the latest physiological and therapeutic studies of carbon monoxide

In *Carbon Monoxide in Drug Discovery: Basics, Pharmacology, and Therapeutic Potential*, a team of distinguished authors delivers foundational knowledge, the latest research, and remaining challenges regarding the physiological roles and therapeutic efficacy of carbon monoxide (CO). The editors have included a broad selection of resources from leading experts in the field that discuss the background and physiological roles of CO, a variety of delivery forms including CO prodrugs using benign carriers, CO sensing, therapeutic applications, and clinical trials.

Organized by topic to allow each chapter to be read individually, the book covers a wide range of topics, from physiological and patho-physiological mechanisms at the molecular level to clinical applications for multiple disease processes.

The editors of *Carbon Monoxide in Drug Discovery* have created a compelling argument for shifting the accepted understanding of CO from poison to bioactive molecule with enormous clinical benefits.

Perfect for professors, graduate students, and postdocs in the fields of biology, pharmacology, immunology, medicinal chemistry, toxicology, and drug delivery, *Carbon Monoxide in Drug Discovery: Basics, Pharmacology, and Therapeutic Potential* is also an invaluable resource for industrial scientists in these areas.



SERIES: WILEY SERIES IN DRUG DISCOVERY AND DEVELOPMENT

JUNE 2022 608PP
978-1-119-63517-8 CL \$155.95 (Japan)
CHEMICAL AND ENVIRONMENTAL HEALTH AND SAFETY

JUNE 2022 608PP
978-1-119-78340-4 CL \$250.00 (Japan)
Pharmaceutical & Medicinal Chemistry

Genome Editing in Drug Discovery

EDITOR MARCELLO MARESCA & EDITOR SUMIT DESWAL

Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG), Germany; Max Planck Institute of Immunobiology and Epigenetics, Germany

A practical guide for researchers and professionals applying genome editing techniques to drug discovery

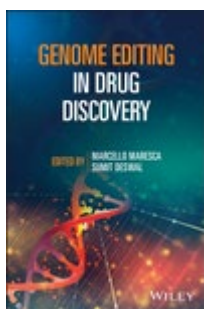
In *Genome Editing in Drug Discovery*, a team of distinguished biologists delivers a comprehensive exploration of genome editing in the drug discovery process, with coverage of the technology's history, current issues and techniques, and future perspectives and research directions. The book discusses techniques for disease modeling, target identification with CRISPR, safety studies, therapeutic editing, and intellectual property issues.

The safety and efficacy of drugs and new target discovery, as well as next-generation therapeutics are also presented.

Offering practical suggestions for practitioners and academicians involved in drug discovery, *Genome Editing in Drug Discovery* is a fulsome treatment of a technology that has become part of nearly every early step in the drug discovery pipeline. Selected contributions also include:

- A thorough introduction to the applications of CRISPRi and CRISPRa in drug discovery
- Comprehensive explorations of genome-editing applications in stem cell engineering and regenerative medicine
- Practical discussions of the safety aspects of genome editing with respect to immunogenicity and the specificity of CRISPR-Cas9 gene editing
- In-depth examinations of critical socio-economic and bioethical challenges in the CRISPR-Cas9 patent landscape

Perfect for academic researchers and professionals in the biotech and pharmaceutical industries, *Genome Editing in Drug Discovery* will also earn a place in the libraries of medicinal chemists, biochemists, and molecular biologists.



Oral Drug Delivery for Modified Release Formulations

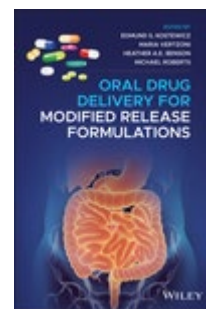
EDITOR EDMUND S. KOSTEWICZ, EDITOR MARIA VERTZONI, EDITOR HEATHER A. E. BENSON & EDITOR MICHAEL S. ROBERTS

Provides pharmaceutical development scientists with a detailed reference guide for the development of MR formulations

Oral Drug Delivery for Modified Release Formulations is an up-to-date review of the key aspects of oral absorption from modified-release (MR) dosage forms. This edited volume provides in-depth coverage of the physiological factors that influence drug release and of the design and evaluation of MR formulations.

Divided into three sections, the book begins by describing the gastrointestinal tract (GIT) and detailing the conditions and absorption processes occurring in the GIT that determine a formulation's oral bioavailability. The second section explores the design of modified release formulations, covering early drug substance testing, the biopharmaceutics classification system, an array of formulation technologies that can be used for MR dosage forms, and more. The final section focuses on in vitro, in silico, and in vivo evaluation and regulatory considerations for MR formulations. Topics include biorelevant dissolution testing, preclinical evaluation, and physiologically-based pharmacokinetic modelling (PBPK) of in vivo behaviour.

Oral Drug Delivery for Modified Release Formulations is an invaluable reference and guide for researchers, industrial scientists, and graduate students in general areas of drug delivery including pharmaceuticals, pharmaceutical sciences, biomedical engineering, polymer and materials science, and chemical and biochemical engineering.



JUNE 2022 384PP
978-1-119-67134-3 CL \$195.00 (Japan)
Drug Discovery & Development

JUNE 2022 496PP
978-1-119-77269-9 CL \$225.00 (Japan)
Drug Formulation & Delivery

Genomic and Epigenomic Biomarkers of Toxicology and Disease

Clinical and Therapeutic Actions

EDITOR SAURA C. SAHU

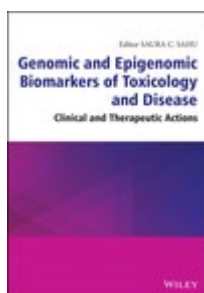
From Genomics to In Vitro and In Vivo Models

The latest developments in biomarker research applicable to toxicology and medicine

Research on genomic and epigenomic biomarkers is developing rapidly with cutting-edge studies scattered throughout the academic literature, making the status of ongoing scientific activity in this area difficult to ascertain.

Genomic and Epigenomic Biomarkers of Toxicology and Disease: Clinical and Therapeutic Actions delivers a comprehensive and authoritative compilation of up-to-date developments in the application of genomic and epigenomic biomarkers to toxicology, disease prevention, cancer detection, therapeutics, gene therapy, and other areas. With contributions from a collection of internationally recognized investigators, this edited volume offers unique insights into current trends and future directions of research in the discussed areas.

Perfect for researchers, toxicologists, risk assessors, and regulators, *Genomic and Epigenomic Biomarkers of Toxicology and Disease: Clinical and Therapeutic Actions* will also earn a place in the libraries of graduate students with an interest in biomarkers, toxicology, agriculture, or the environment.



JUNE 2022 576PP
978-1-119-80767-4 CL \$230.00 (Japan)
Toxicology

Functional Nanomaterials

Synthesis, Properties, and Applications

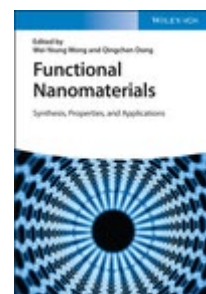
EDITOR WAI-YEUNG WONG & EDITOR QINGCHEN DONG

Presents the most recent advances in the production and application of various functional nanomaterials

As new synthetic methods, characterization technologies, and nanomaterials (NMs) with novel physical and chemical properties are developed, researchers and scientists across disciplines need to keep pace with advancements in the dynamic field. *Functional Nanomaterials: Synthesis, Properties and Applications* provides comprehensive coverage of fundamental concepts, synthetic methods, characterization technologies, device fabrication, performance evaluation, and both current and emerging applications.

Contributions from leading scientists in academia and industry present research developments of novel functional nanomaterials including metal nanoparticles, two-dimensional nanomaterials, perovskite-based nanomaterials, and polymer-based nanomaterials and nanocomposites. Topics include metal-based nanomaterials for electrochemical water splitting, cerium-based nanostructure materials for electrocatalysis, applications of rare earth luminescent nanomaterials, metal complex nanosheets, and methods for synthesizing polymer nanocomposites.

Functional Nanomaterials: Synthesis, Properties and Applications is an invaluable resource for chemists, materials scientists, electronics engineers, bioengineers, and others in the scientific community working with nanomaterials in the fields of energy, electronics, and biomedicine.



JUNE 2022 300PP
978-3-527-34797-1 CL \$165.00 (Japan)
Inorganic Chemistry

Organic Reaction Mechanisms 2019

MARK G. MOLONEY

St Peter's College, Oxford

Organic Reaction Mechanisms 2019, the 55th annual volume in this highly successful and unique series, surveys research on organic reaction mechanisms described in the available literature dated 2019. The following classes of organic reaction mechanisms are comprehensively reviewed:

- * Reaction of Aldehydes and Ketones and their Derivatives
- * Reactions of Carboxylic, Phosphoric, and Sulfonic Acids and their Derivatives
- * Oxidation and Reduction
- * Carbenes and Nitrenes
- * Nucleophilic Aromatic Substitution
- * Electrophilic Aromatic Substitution
- * Carbocations
- * Nucleophilic Aliphatic Substitution
- * Carbanions and Electrophilic Aliphatic Substitution
- * Elimination Reactions
- * Polar Addition Reactions
- * Cycloaddition Reactions
- * Molecular Rearrangements

An experienced team of authors compile these reviews every year, so that the reader can rely on a continuing quality of selection and presentation.



SERIES: ORGANIC REACTION MECHANISMS SERIES

JUNE 2022 336PP
978-1-119-60827-1 CL \$535.00 (Japan)
Organic Chemistry

Heterocycles

Synthesis, Catalysis, Sustainability, and Characterization

EDITOR TERESA M.V.D. PINHO E MELO & EDITOR MARTA PINEIRO

A must-read handbook on heterocycle chemistry with a focus on sustainability

Heterocycles feature prominently in our daily life--they are essential for pharmaceuticals, agrochemicals, and fine chemicals. More, numerous natural, bioactive products contain heterocyclic compounds. As a result, heterocyclic chemistry continues to be one of the most important areas of study in organic chemistry.

Heterocycles provides an important reference on a wide range of topics relating to heterocyclic chemistry, with a heavy emphasis on sustainable methods and greener syntheses. The book describes state-of-the-art synthetic methods, such as photochemical reactions, dearomatization reactions, organocatalysis, transition metal catalysis, and biocatalysis. It also covers:

- Sustainable methods, like flow chemistry, mechanochemistry, and multicomponent synthesis
- Strategies for the synthesis of heterocyclic macrocycles and medium-sized rings
- Characterization of heterocyclic compounds



Heterocycles is a useful reference for organic chemists, natural products chemists, catalytic chemists, and medicinal chemists in academia and industry.

JUNE 2022 400PP
978-3-527-34886-2 CL \$175.00 (Japan)
Methods - Synthesis & Techniques

Thermodynamics for Chemical Engineers

KENNETH RICHARD HALL & GUSTAVO ARTURO IGLESIAS-SILVA

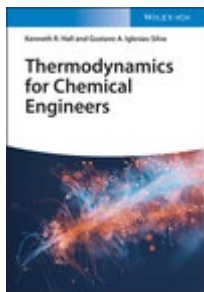
Learn the basics of thermodynamics in this complete and practice-oriented introduction for students of chemical engineering

Thermodynamics is a vital branch of physics that focuses on the interaction of heat, work, and temperature with energy, radiation, and matter.

Thermodynamics can apply to a wide range of sciences, but is particularly important in chemical engineering, where the interconnection of heat and work with chemical reactions or physical changes of state are studied according to the laws of thermodynamics. More, thermodynamics in chemical engineering focuses on pure fluid and mixture properties, phase equilibrium, and chemical reactions within the confines of the laws of thermodynamics.

Given that thermodynamics is an essential course of study in chemical and petroleum engineering, *Thermodynamics for Chemical Engineers* provides an important introduction to the subject that comprehensively covers the topic in an easily-digestible manner. Suitable for undergraduate and graduate students, the text introduces the basic concepts of thermodynamics in a thorough and concisely while providing practice-oriented examples and illustrations. As such, the book helps students bridge the gap between theoretical knowledge and basic experiments and measurement characteristics.

Thermodynamics for Chemical Engineers is the ideal resource not just for undergraduate and graduate students in chemical and petroleum engineering, but also for anyone looking for a basic guide to thermodynamics.



JUNE 2022 475PP
978-3-527-35030-8 CL \$104.95 (Japan)
Chemical Thermodynamics

Electrochemical Methods

Fundamentals and Applications, 3rd Edition

ALLEN J. BARD, LARRY R. FAULKNER & HENRY S. WHITE

University of Texas at Austin; University of Illinois, Urbana

The latest edition of a classic textbook in electrochemistry

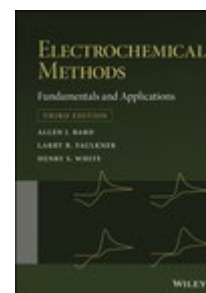
The third edition of *Electrochemical Methods* has been extensively revised to reflect the evolution of electrochemistry over the past two decades, highlighting significant developments in the understanding of electrochemical

phenomena and emerging experimental tools, while extending the book's value as a general introduction to electrochemical methods.

This authoritative resource for new students and practitioners provides must-have information crucial to a successful career in research. The authors focus on methods that are extensively practiced and on phenomenological questions of current concern.

This latest edition of *Electrochemical Methods* contains numerous problems and chemical examples, with illustrations that serve to illuminate the concepts contained within in a way that will assist both student and mid-career practitioner.

The new edition has been revised to address a broader audience of scientists and engineers, designed to be accessible to readers with a basic foundation in university chemistry, physics and mathematics. It is a self-contained volume, developing all key ideas from the fundamental principles of chemistry and physics. Perfect for senior undergraduate and graduate students taking courses in electrochemistry, physical and analytical chemistry, this is also an indispensable resource for researchers and practitioners working in fields including electrochemistry and electrochemical engineering, energy storage and conversion, analytical chemistry and sensors.



JUNE 2022 1102PP
978-1-119-33406-4 CL \$165.95 (Japan)
ELECTROCHEMISTRY

Sustainable Nanotechnology

Strategies, Products, and Applications

EDITOR YASHWANT V. PATHAK, EDITOR GOVINDAN PARAYIL &
EDITOR JAYVADAN K. PATEL

University of South Florida, Tampa, FL, USA; University of
South Florida, Tampa, FL, USA; Nootan Pharmacy College,
India

**A robust examination of the use of
nanotechnology in the manufacture
of sustainable products**

In *Sustainable Nanotechnology: Strategies, Products, and Applications*, a team of distinguished researchers delivers a comprehensive and up-to-date exploration of nanotechnology applications in environmental, pharmaceutical, and engineering products in the context of global sustainability. The book offers balanced coverage of the benefits and risks of nanotechnology.

Divided into three parts, the editors have included contributions from leading scholars discussing sustainability, toxicological impacts, and nanomaterial-based adsorbents. This edited volume helps readers understand how nanotechnology and nanomaterials apply in different global sustainability challenges. It also discusses models for understanding the lifecycle and risk assessments of manufactured nanomaterials.

Perfect for nanotechnology-focused professionals, sustainability experts, biomedical experts, and pharmaceutical industry practitioners, *Sustainable Nanotechnology: Strategies, Products, and Applications* will also earn a place in the libraries of neuroscientists, bioengineering professionals, and those involved in neuroprosthetic engineering.



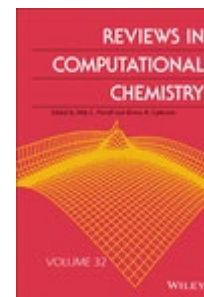
JUNE 2022 384PP
978-1-119-64997-7 CL \$195.00 (Japan)
Sustainable Chemistry & Green Chemistry

Reviews in Computational Chemistry, Volume 32

ABBY L. PARRILL & KENNY B. LIPKOWITZ

University of Memphis, TN; North Dakota State University

Reviews in Computational Chemistry reference texts assist researchers in selecting and applying new computational chemistry methods to their own research. Bringing together writings from leading experts in various fields of computational chemistry, *Volume 32* covers topics including global structure optimization, time-dependent density functional tight binding calculations, non-equilibrium self-assembly, cluster prediction, and molecular simulations of microphase formers and deep eutectic solvents. In keeping with previous books in the series, *Volume 32* uses a non-mathematical style and tutorial-based approach that provides students and researchers with easy access to computational methods outside their area of expertise.



The chapters comprising *Volume 32* are connected by two themes: methods that can be broadly applied to a variety of systems, and special considerations required when modeling specific system types. Each in-depth chapter contains background and theory, strategies for using the methods correctly, mini-tutorials and best practices, and critical literature reviews highlighting advanced applications.

Reviews in Computational Chemistry, Volume 32 is a must-have guide for computational chemists, theoretical chemists, pharmaceutical chemists, biological chemists, chemical engineers, researchers in academia and industry, and graduate students involved in molecular modeling.

SERIES: REVIEWS IN COMPUTATIONAL CHEMISTRY

JUNE 2022 256PP
978-1-119-62589-6 CL \$295.00 (Japan)
Computational Chemistry & Molecular Modeling

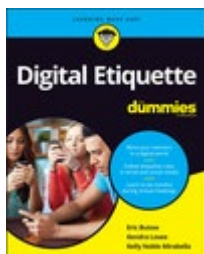
コンピューティング

Digital Etiquette For Dummies

ERIC BUTOW, JACKSON, UNITED STATES, KENDRA LOSEE & KELLY NOBLE MIRABELLA

Mind your online P's and Q's with this expert digital manners guide

Conducting yourself online can be challenging. It sometimes seems like the web and social media is tailor-made to cause upset and anger. But, with the right guide, anyone can learn how to be a beacon of civility and politeness online. In *Digital Etiquette For Dummies*, a team of online communication experts share their combined insights into improving your presence on social media, writing emails that exude positivity and clarity, behaving correctly in virtual meetings, and much more. You'll become a paragon of politeness as you learn to apply the timeless rules of etiquette to the unique environment of the web, social media, email, Zoom, and smartphones.



In this book, you'll also:

- Learn near-universal etiquette rules for email, social media, cellphones, and more
- Discover ways to make sure that your polite attitude isn't being lost in the text-only context of a business email
- Avoid common social media pitfalls and digital faux pas that can trip up even the most careful communicators

A great handbook for anyone who uses digital communication in business or in their personal life (so, pretty much everyone), *Digital Etiquette For Dummies* also belongs on the reading lists of those trying to improve their online interactions on social media.

JUNE 2022 UnknownPP
978-1-119-86980-1 PB \$24.99 (Japan)
Internet General

Microsoft Project Fundamentals

Microsoft Project Standard 2021, Professional 2021, and Project Online Editions

TERESA STOVER

Get a firm grip on one of the most popular project management applications on the market today

In *Microsoft Project Fundamentals: Microsoft Project Standard 2021, Professional 2021, and Project Online Editions*, accomplished project management leader Teresa Stover delivers a hands-on introduction to Microsoft's popular project management software filled with real-world examples and plain-language guidance. The book walks you through how to plan, schedule, manage resources, track progress, and more.

In the book, you'll:

- Learn principles and best practices of project management while mastering Microsoft Project capabilities, calculations, and views
- Understand how task durations, dependencies, and date constraints power the project schedule
- Manage human, equipment, and material resources, including availability, cost, and task assignments
- Adjust the project to optimize for the project finish date, budget, and resource allocation
- Use Microsoft Project to manage waterfall or agile projects

Ideal for anyone seeking to unlock the potential of Microsoft's leading project management software for their own project work, *Microsoft Project Fundamentals* is an essential resource for those new to Microsoft Project and project management, as well as previous users and seasoned project professionals looking for a refresher in the latest features of the newest version of Microsoft Project.

JUNE 2022 288PP
978-1-119-82115-1 PB \$40.00 (Japan)
Microsoft Other Software

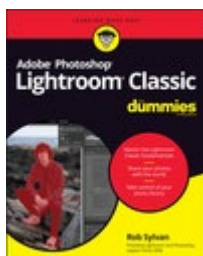
Adobe Photoshop Lightroom Classic For Dummies

2nd Edition

ROB SYLVAN, NEWMARKET, UNITED STATES

**Learn to make your digital photos
pop with easy-to-follow help using
AI-powered software from Adobe**

With no prior photography or editing experience necessary, *Adobe Photoshop Lightroom Classic For Dummies* delivers a must-have walkthrough for taking your photos to the next level using Adobe's powerful consumer software. You'll learn the fundamentals of opening your pictures, managing your photo library, and fixing common problems--like redevye and poor lighting--before jumping into more advanced topics, like creating slideshows and troubleshooting problems.



The perfect place to begin learning how to improve your family photos, *Adobe Photoshop Lightroom Classic For Dummies* also helps you discover:

- How to take control of and organize your photo library
- How to apply common artificial intelligence-powered photo enhancements with the click of a mouse
- Ways to share your photos with the world, both digitally and on paper

The premier jumping-off point for aspiring photo editors everywhere, this book is a can't-miss resource for anyone who wants to make the most of their digital photo collection and for professionals who want to expand their design skillset by learning Adobe Lightroom Classic.

JUNE 2022 UnknownPP
978-1-119-87321-1 PB \$39.99 (Japan)
GRAPHICS & DESIGN SOFTWARE (NON-MICROSOFT)

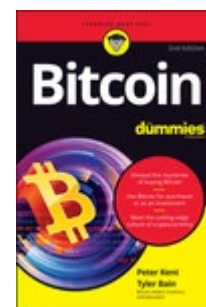
Bitcoin For Dummies

2nd Edition

PETER KENT, DENVER, UNITED STATES & TYLER BAIN, BRIGHTON, UNITED STATES

**A primer on the currency alternative
that's changing the world**

Bitcoin can be a bit puzzling to the uninitiated. Ledger? Blockchain? Mining? These cryptocurrency concepts aren't going away, and there are tremendous opportunities for those with some know-how to get onboard with the crypto culture. *Bitcoin For Dummies* helps you get un-puzzled, learn the Bitcoin basics, and discover the possibilities in the new world of digital currencies.



With this 100% new edition, you can step into the fascinating culture of cryptocurrency and learn how to use Bitcoin as a currency or an investment vehicle. A little bit of knowledge will go a long way, and you'll be ready to sail smoothly ahead as the crypto tsunami advances.

- Demystify Bitcoin and learn how to buy and sell cryptocurrency
- Create a digital wallet and make everyday purchases using Bitcoin
- Discover the ins and outs of investing in Bitcoin and other up-and-coming cryptocurrencies
- Participate in the cutting-edge culture of crypto

Bitcoin For Dummies is great for beginning Bitcoin users and investors who need to know the basics about getting started with Bitcoin and cryptocurrency.

JUNE 2022 256PP
978-1-119-60213-2 PB \$22.99 (Japan)
OTHER SOFTWARE (NON-MICROSOFT)

iPad and iPad Pro For Dummies

2022-23 Edition

PAUL MCFEDRIES, TORONTO, ONTARIO, CANADA

It's tablet time! Get acquainted with the latest iPadOS and devices, the easy way

Up a creek without an iPaddle? Dummies has got you covered, with *iPad & iPad Pro 2022-2023 For Dummies*. This is your stay-afloat guide to the latest version of iPadOS and all the new features of Apple's leading tablet. We offer a step-by-step guide to iPad maintenance, operation, and personalization, so you can figure out your new device quickly and spend your time doing the fun stuff. Photos, videos, apps, productivity, communication, maps, and beyond—plus a host of new features that we'll introduce you to, right in this book.

- Get acquainted with the basics of using and customizing your iPad or iPad Pro
- Discover the new and exciting changes that come with the latest iPadOS release
- Get the most out of your iPad by mastering the top apps and productivity tricks
- Learn how to ease the transition from computers to tablets, at home or at work

For personal projects or in business settings, the iPad is the tablet of choice, and Dummies is here to show you why. Grab this full-color guide and get iPaddling!



JUNE 2022 384PP
978-1-119-87573-4 PB \$29.99 (Japan)
COMPUTER HARDWARE / MACINTOSH

iPad For Seniors For Dummies

2022-2023 Edition

DWIGHT SPIVEY, MOBILE, UNITED STATES

Make the most of your iPad!

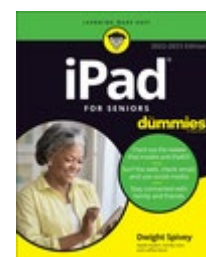
iPads are some of the coolest and most versatile tablets on the market today. You can watch movies, listen to music, go online, talk to your family and friends, and pretty much anything else you can think of. But with updates coming all the time, it can be difficult to keep track of the smorgasbord of features this portable device offers.

That's where *iPad For Seniors For Dummies* comes in! This handy guide to the even handier iPad has all the latest updates for the newest version of the famous tablet and its operating system. Want to talk to Siri? Check this guide. Want to find where those cute photos of your grandkids went? We've got you covered.

With this handbook, you'll also be able to:

- Get a brand-new iPad up and running, smooth as silk and easy as pie
- Protect and secure the data on your iPad so you can keep yourself and your family safe from hackers
- Go online, shop, watch videos, listen to music, shoot your own movies, and more

Perfect for anyone who just got a new iPad as a gift, or for anyone who's got an existing iPad kicking around that they've been meaning to use more often, *iPad For Seniors For Dummies* is the easy-to-follow and step-by-step tutorial you've been looking for.



JUNE 2022 448PP
978-1-119-86323-6 PB \$29.99 (Japan)
COMPUTER HARDWARE / MACINTOSH

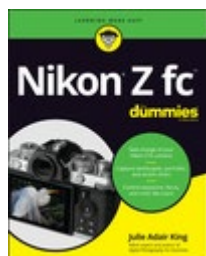
Nikon Z fc For Dummies

JULIE ADAIR KING, WEST PALM BEACH, UNITED STATES

Indianapolis, Indiana

Say cheese! Explore this beginner-friendly guide to digital photography with the Nikon Z fc camera

With a design that looks like an old-school film camera, the Nikon Z fc makes photographers want to grab this very-modern model off the shelf and start taking photos. But if you really want to set your pictures apart from the average snapshot, you need *Nikon Z fc For Dummies*.



This book takes you on a comprehensive and user-friendly tour of the Nikon Z fc camera, its settings, and all of its automatic and manual options. You'll learn to accessorize your camera with custom lenses and flash units and control the color and clarity of your images. You'll also get:

- Accessible instruction on tried and tested photography techniques
- Instruction on how to adjust color and exposure settings
- Strategies for when to use your camera's auto options to when to take full control of settings

Ideal for anyone who wants to get the most out of their Nikon Z fc camera, *Nikon Z fc For Dummies* covers the photography basics you need to understand to take fantastic pictures along with how to apply those techniques to the Nikon Z fc.

JUNE 2022 UnknownPP
978-1-119-87317-4 PB \$34.99 (Japan)
Digital Cameras & Photography

Cyber Security and Network Security

EDITOR SABYASACHI PRAMANIK, EDITOR DEBABRATA SAMANTA,
EDITOR VINAY M & EDITOR ABHIJIT GUHA

Digital assaults are quickly becoming one of the most predominant issues on the planet. As digital wrongdoing keeps on expanding, it is increasingly more important to investigate new methodologies and advances that help guarantee the security of online networks. Ongoing advances and innovations have made great advances for taking care of security issues in a methodical manner. In light of this, organized security innovations have been delivered so as to guarantee the security of programming and correspondence functionalities at fundamental, improved, and engineering levels.

This outstanding new volume covers all of the latest advances, innovations, and developments in practical applications for cybersecurity and network security. This team of editors represents some of the most well-known and respected experts in the area, creating this comprehensive, up-to-date coverage of the issues of the day and state of the art. Whether for the veteran engineer or scientist or a student, this volume is a must-have for any library.

SERIES: ADVANCES IN CYBER SECURITY

JUNE 2022 UnknownPP
978-1-119-81249-4 CL \$225.00 (Japan)
Networking / Security

Cybersecurity For Dummies

2nd Edition

JOSEPH STEINBERG

Explore the latest developments in cybersecurity with this essential guide

Every day it seems we read another story about one company or another being targeted by cybercriminals. It makes some of us wonder: am I safe online? The good news is that we can all be cybersecure--and it doesn't take a degree in computer science to make it happen!

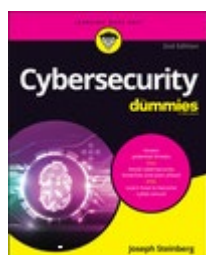
Cybersecurity For Dummies is the down-to-earth guide you need to secure your own data (and your company's, too). You'll get step-by-step guidance on how to implement reasonable security measures, prevent cyber attacks, deal securely with remote work, and what to do in the event that your information is compromised.

The book also offers:

- Updated directions on how to prevent ransomware attacks and how to handle the situation if you become a target
- Step-by-step instructions on how to create data backups and implement strong encryption
- Basic info that every aspiring cybersecurity professional needs to know

Cybersecurity For Dummies is the ideal handbook for anyone considering a career transition into cybersecurity, as well as anyone seeking to secure sensitive information.

JUNE 2022 UnknownPP
978-1-119-86718-0 PB \$29.99 (Japan)
NETWORKING / SECURITY



Hacking For Dummies

7th Edition

KEVIN BEAVER, ACWORTH, UNITED STATES

Learn to think like a hacker to secure your own systems and data

Your smartphone, laptop, and desktop computer are more important to your life and business than ever before. On top of making your life easier and more productive, they hold sensitive information that should remain private. Luckily for all of us, anyone can learn powerful data privacy and security techniques to keep the bad guys on the outside where they belong.

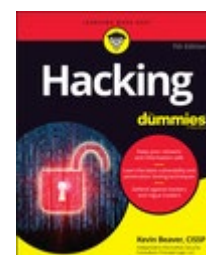
Hacking For Dummies takes you on an easy-to-follow cybersecurity voyage that will teach you the essentials of vulnerability and penetration testing so that you can find the holes in your network before the bad guys exploit them. You will learn to secure your Wi-Fi networks, lock down your latest Windows 11 installation, understand the security implications of remote work, and much more.

You'll find out how to:

- Stay on top of the latest security weaknesses that could affect your business's security setup
- Use freely available testing tools to "penetration test" your network's security
- Use ongoing security checkups to continually ensure that your data is safe from hackers

Perfect for small business owners, IT and security professionals, and employees who work remotely, *Hacking For Dummies* is a must-have resource for anyone who wants to keep their data safe.

JUNE 2022 UnknownPP
978-1-119-87219-1 PB \$29.99 (Japan)
NETWORKING / SECURITY



The Official (ISC)2 SSCP CBK Reference

6th Edition

MIKE WILLIS

The only official body of knowledge for SSCP--(ISC)2's popular credential for hands-on security professionals--fully revised and updated 2021 SSCP Exam Outline.

Systems Security Certified Practitioner (SSCP) is an elite, hands-on cybersecurity certification that validates the technical skills to implement, monitor, and administer IT infrastructure using information security policies and procedures. SSCP certification--fully compliant with U.S. Department of Defense Directive 8140 and 8570 requirements--is valued throughout the IT security industry. *The Official (ISC)2 SSCP CBK Reference* is the only official Common Body of Knowledge (CBK) available for SSCP-level practitioners, exclusively from (ISC)2, the global leader in cybersecurity certification and training.

This authoritative volume contains essential knowledge practitioners require on a regular basis. Accurate, up-to-date chapters provide in-depth coverage of the seven SSCP domains: Security Operations and Administration; Access Controls; Risk Identification, Monitoring and Analysis; Incident Response and Recovery; Cryptography; Network and Communications Security; and Systems and Application Security.

Designed to serve as a reference for information security professionals throughout their careers, this indispensable (ISC)2 guide:

- Provides comprehensive coverage of the latest domains and objectives of the SSCP
- Helps better secure critical assets in their organizations
- Serves as a complement to the *SSCP Study Guide* for certification candidates

The Official (ISC)2 SSCP CBK Reference is an essential resource for SSCP-level professionals, SSCP candidates and other practitioners involved in cybersecurity.



The Security Culture Playbook

An Executive Guide To Reducing Risk and Developing Your Human Defense Layer

PERRY CARPENTER & KAI ROER

Mitigate human risk and bake security into your organization's culture from top to bottom with insights from leading experts in security awareness, behavior, and culture.

The topic of security culture is mysterious and confusing to most leaders. But it doesn't have to be. In *The Security Culture Playbook*, Perry Carpenter and Kai Roer, two veteran cybersecurity strategists deliver experience-driven, actionable insights into how to transform your organization's security culture and reduce human risk at every level. This book exposes the gaps between how organizations have traditionally approached human risk and it provides security and business executives with the necessary information and tools needed to understand, measure, and improve facets of security culture across the organization.

The book offers:

- An expose of what security culture *really* is and how it can be measured
- A careful exploration of the 7 dimensions that comprise security culture
- Practical tools for managing your security culture program, such as the Security Culture Framework and the Security Culture Maturity Model
- Insights into building support within the executive team and Board of Directors for your culture management program

Also including several revealing interviews from security culture thought leaders in a variety of industries, *The Security Culture Playbook* is an essential resource for cybersecurity professionals, risk and compliance managers, executives, board members, and other business leaders seeking to proactively manage and reduce risk.



JUNE 2022 832PP
978-1-119-87486-7 CL \$80.00 (Japan)
NETWORKING / SECURITY

JUNE 2022 256PP
978-1-119-87523-9 CL \$25.00 (Japan)
Networking / Security

OCP Oracle Certified Professional Java SE 17 Developer Study Guide

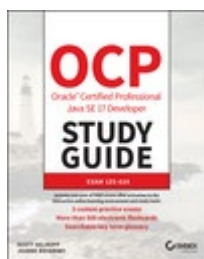
Exam 1Z0-829

SCOTT SELIKOFF & JEANNE BOYARSKY

CodeRanch; Selikoff Solutions, LLC

An effective and practical study aid to the new OCP Java SE 17 Developer certification exam

In the *OCP Oracle Certified Professional Java SE 17 Developer Study Guide: Exam 1Z0-829*, you'll find accessible and essential test prep material for the in-demand and practical OCP Java SE 17 Developer certification. Providing comprehensive coverage of all OCP Java SE 17 exam objectives and competencies, the Study Guide offers you access to all the skills and knowledge you'll need to succeed on the test and in the field as a new or experienced Java developer.



This book provides material on records, sealed classes, text blocks, dates, streams, controlling program flow, using the Java object-oriented approach, handling exceptions, working with arrays and collections, and more. You'll also get:

- Intuitively organized information that aligns with the competencies tested on the exam and those required by real-world Java developers
- Opportunities to practice and develop skills that remain in high demand in the IT industry
- Access to the Sybex online learning center, with chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms

Perfect for anyone prepping for the brand-new OCP Java SE 17 credential, *OCP Oracle Certified Professional Java SE 17 Developer Study Guide: Exam 1Z0-829* is also a can't-miss reference for practicing and aspiring Java developers seeking to learn or reinforce their foundational skills in Java programming and improve their performance on the job.

JUNE 2022 UnknownPP
978-1-119-86458-5 PB \$65.00 (Japan)
PROGRAMMING & SOFTWARE DEVELOPMENT

Java For Dummies

8th Edition

BARRY BURD, MADISON, UNITED STATES

Drew University, Madison, NJ

Learn to write practical, reusable code with the straightforward tutorials and tips in the newest edition of this For Dummies bestseller

Do you speak Java? No, we're not talking about your morning cup o' joe. We mean the world's most popular programming language that runs on almost any computer!



If you're looking to get started--or up your game--with Java, then *Java For Dummies* is the guide you need. In this book, you'll:

- Take control of your program flow
- Program with classes, objects, and methods
- Use Java's functional programming features
- Explore Java 17, the latest long-term support release

This up-to-date handbook covers the latest developments in Java, including the new 'switch' statement syntax. So, if you're ready to dive into one of the most practical (and coolest!) programming languages around, it's time you picked up *Java For Dummies*.

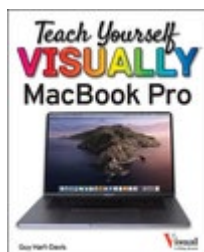
JUNE 2022 512PP
978-1-119-86164-5 PB \$29.99 (Japan)
OBJECT TECHNOLOGIES - JAVA

Teach Yourself VISUALLY MacBook Pro & MacBook Air

GUY HART-DAVIS, BARNARD CASTLE, UNITED KINGDOM

Get up to speed with your new MacBook Pro or MacBook Air faster than you thought possible

In *Teach Yourself VISUALLY: MacBook Pro & MacBook Air*, technology educator extraordinaire and bestselling author Guy Hart-Davis delivers a highly illustrated and easy-to-follow guide to using your MacBook Pro or MacBook Air with macOS Monterey. In the book, you'll get up and running quickly whether you're brand new to computers or just transitioning from an older Mac or a PC.



With the graphics-driven approach used successfully by tens of thousands of readers of the *Teach Yourself VISUALLY* series, you see exactly what each step of instruction should look like on your own screen and can follow--step-by-step--through the installation process, file management, email, and messaging, and much more. You'll also:

- Become expert with the latest macOS version--Monterey--and the newest features that enable you to make the most of your MacBook and the Internet
- Learn exactly how to handle the most common and useful everyday tasks you need to get stuff done
- Glean valuable customization tips to make your MacBook work just the way you prefer

Teach Yourself VISUALLY: MacBook Pro & MacBook Air skips confusing tech jargon in favor of clear pictures, simple instructions, and stepwise guidance that will give you a flying start to using your new MacBook, regardless of your experience level.

SERIES: TEACH YOURSELF VISUALLY (TECH)

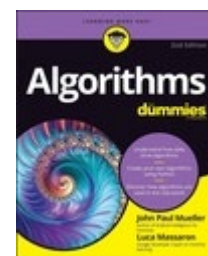
JUNE 2022 368PP
978-1-119-89299-1 PB \$30.00 (Japan)
COMPUTER HARDWARE

Algorithms For Dummies

2nd Edition

JOHN PAUL MUELLER, LA VALLE, UNITED STATES & LUCA MASSARON, ITALY

Your secret weapon to understanding--and using!--one of the most powerful influences in the world today



From your Facebook News Feed to your most recent insurance premiums--even making toast!--algorithms play a role in virtually everything that happens in modern society and in your personal life. And while they can seem complicated from a distance, the reality is that, with a little help, anyone can understand--and even use--these powerful problem-solving tools!

In *Algorithms For Dummies*, you'll discover the basics of algorithms, including what they are, how they work, where you can find them (spoiler alert: everywhere!), who invented the most important ones in use today (a Greek philosopher is involved), and how to create them yourself.

You'll also find:

- Dozens of graphs and charts that help you understand the inner workings of algorithms
- Links to an online repository called GitHub for constant access to updated code
- Step-by-step instructions on how to use Google Colaboratory, a zero-setup coding environment that runs right from your browser

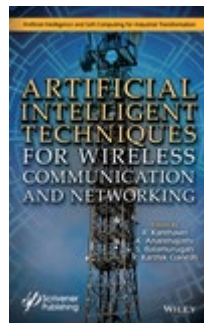
Whether you're a curious internet user wondering how Google seems to always know the right answer to your question or a beginning computer science student looking for a head start on your next class, *Algorithms For Dummies* is the can't-miss resource you've been waiting for.

JUNE 2022 UnknownPP
978-1-119-86998-6 PB \$29.99 (Japan)
ALGORITHMS & DATA STRUCTURES

Artificial Intelligent Techniques for Wireless Communication and Networking

R. KANTHAVEL, K. ANATHAJOTHI, S. BALAMURUGAN & R. KARTHIK GANESH

The book focuses on current state-of-the-art research while highlighting the empirical results along with theoretical concepts to provide a solid and comprehensive reference for researchers, scholars, professionals, practitioners and students in the field of artificial intelligence in wireless communication and networking techniques.



JUNE 2022 384PP
978-1-119-82127-4 CL \$225.00 (Japan)
Artificial Intelligence

Cyber-Physical Systems

Foundations and Techniques

EDITOR UZZAL SHARMA, EDITOR PARMA NAND, EDITOR JYOTIR MOY CHATTERJEE, EDITOR VISHAL JAIN, EDITOR NOOR ZAMAN JHANJHI & EDITOR R. SUJATHA

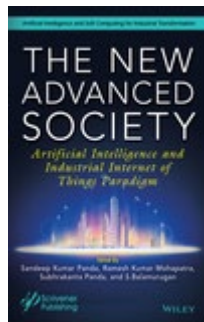
JUNE 2022 UnknownPP
978-1-119-83619-3 CL \$225.00 (Japan)
Artificial Intelligence

The New Advanced Society

Artificial Intelligence and Industrial Internet of Things Paradigm

EDITOR SANDEEP KUMAR PANDA, EDITOR RAMESH KUMAR MOHAPATRA, EDITOR SUBHRAKANTA PANDA & EDITOR S. BALAMURUGAN

A 360-degree view of the different dimensions of the digital revolution is presented in this book, including the various industries transforming industrial manufacturing, the security and challenges ahead and the far-reaching implications for society and the economy. The main objective of this edited book is to cover the impact that the new advanced society has on several platforms such as smart manufacturing systems, where artificial intelligence can be integrated with existing systems to make them smart, new business models and strategies, where anything and everything is possible through the internet and cloud, smart food chain systems, where food products can be delivered to any corner of the world at any time and in any situation, smart transport systems in which robots and self-driven cars are taking the lead, advances in security systems to assure people of their privacy and safety, and smart healthcare systems, where biochips can be incorporated into the human body to predict deadly diseases at early stages. Finally, it can be understood that the social reformation of Society 5.0 will lead to a society where every person leads an active and healthy life.



SERIES: WILEY-SCRIVENER

JUNE 2022 512PP
978-1-119-82447-3 CL \$225.00 (Japan)
Artificial Intelligence

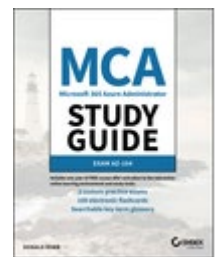
MCA Microsoft 365 Azure Administrator Study Guide

Exam AZ-104

RITHIN SKARIA

Learn what it takes to be an Azure Administrator and efficiently prepare for Exam AZ-104 with this authoritative resource

MCA Microsoft 365 Azure Administrator Study Guide: Exam AZ-104 prepares readers to take the AZ-104 Exam and to fully understand the role of a Microsoft 365 Azure Administrator. The book takes a practical and straightforward approach to Microsoft Azure, ensuring that you understand both the realities of working as an Administrator and the techniques and skills necessary to succeed on the AZ-104 Exam.



In addition to providing you with access to the online Sybex test bank that includes hundreds of practice questions, flashcards, and a glossary of terms, the study guide comprehensively explains all the following topics:

- How to manage Azure subscriptions and resources
- Implementing and managing storage
- Deploying and managing virtual machines
- Managing and configuring virtual networks
- How to Manage identities

Perfect for anyone considering a career as a Microsoft Azure Administrator or preparing for the AZ-104 Exam, *MCA Microsoft 365 Azure Administrator Study Guide: Exam AZ-104* also belongs on the bookshelves of practicing administrators who wish to brush up on the fundamentals of their profession.

JUNE 2022 UnknownPP
978-1-119-70515-4 PB \$60.00 (Japan)
Grid & Cloud Computing

Visualizing Google Cloud

101 Illustrated References for Cloud Engineers and Architects

PRIYANKA VERGADIA

Easy-to-follow visual walkthrough of every important part of the Google Cloud Platform

The Google Cloud Platform incorporates dozens of specialized services that enable organizations to offload technological needs onto the cloud. From routine IT operations like storage to sophisticated new capabilities including artificial intelligence and machine learning, the Google Cloud Platform offers enterprises the opportunity to scale and grow efficiently.



In *Visualizing Google Cloud: Illustrated References for Cloud Engineers & Architects*, Google cloud expert Priyanka Vergadia delivers a fully illustrated, visual guide to matching the best Google Cloud Platform services to your own unique use cases. After a brief introduction to the major categories of cloud services offered by Google, the author offers approximately 100 solutions divided into eight categories of services included in Google Cloud Platform:

- Compute
- Storage
- Databases
- Data Analytics
- Data Science, Machine Learning and Artificial Intelligence
- Application Development and Modernization with Containers
- Networking
- Security

You'll find richly illustrated flowcharts and decision diagrams with straightforward explanations in each category, making it easy to adopt and adapt Google's cloud services to your use cases. With coverage of the major categories of cloud models—including infrastructure-, containers-, platforms-, functions-, and serverless--and discussions of storage types, databases and Machine Learning choices, *Visualizing Google Cloud: Illustrated References for Cloud Engineers & Architects* is perfect for Every Google Cloud enthusiast, of course. It is for anyone who is planning a cloud migration or new cloud deployment.

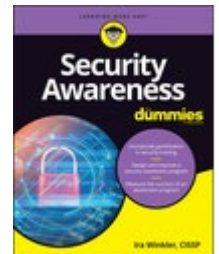
JUNE 2022 300PP
978-1-119-81632-4 PB \$30.00 (Japan)
Grid & Cloud Computing

Security Awareness For Dummies

IRA WINKLER, ANAPOLIS

Make security a priority on your team

Every organization needs a strong security program. One recent study estimated that a hacker attack occurs somewhere every *37 seconds*. Since security programs are only as effective as a team's willingness to follow their rules and protocols, it's increasingly necessary to have not just a widely accessible gold standard of security, but also a practical plan for rolling it out and getting others on board with following it. *Security Awareness For Dummies* gives you the blueprint for implementing this sort of holistic and hyper-secure program in your organization.



Written by one of the world's most influential security professionals--and an Information Systems Security Association Hall of Famer--this pragmatic and easy-to-follow book provides a framework for creating new and highly effective awareness programs from scratch, as well as steps to take to improve on existing ones. It also covers how to measure and evaluate the success of your program and highlight its value to management.

- Customize and create your own program
- Make employees aware of the importance of security
- Develop metrics for success
- Follow industry-specific sample programs

Cyberattacks aren't going away anytime soon: get this smart, friendly guide on how to get a workgroup on board with their role in security and save your organization big money in the long run.

JUNE 2022 UnknownPP
978-1-119-72092-8 PB \$29.99 (Japan)
Computer Security & Cryptography

コミュニケーション

Unlocking Agile's Missed Potential

ROBERT WEBBER

Agile has not delivered on its promises. The business side expected faster time to market, but they still experience the long delays of bloated releases. Engineers thought they would be given time to build the product right the first time, but they are rushed under pressure to deliver new features within impossible schedules. What went wrong?

The culprit is feature-based waterfall release planning perpetuated in a vain attempt to achieve business predictability. Agile didn't address the business need for multi-year financial predictability. The Agile community's answer was the naïve response, "The business needs to be more Agile." Waterfall release planning with fixed schedules undercuts a basic tenet of Agile development -- the need to adjust content delivered within a time box to account for evolving requirements and incorporation of feedback. Agile without flexible content is not Agile.

This book introduces a novel solution that enables product teams to deliver higher value within shorter cycle times while meeting the predictability needs of the business. Organizations today want product teams that break down walls between product management and engineering to achieve schedule and financial objectives. Until now they haven't had a way to implement product teams within the rigid constraints of traditional organizational structures.

The Investment planning approach described in this book supports small development increments planned and developed by product teams aligned by common schedule and financial goals. It uses Cost of Delay principles to prioritize work with the highest value and shortest cycle times. Investments provide a vehicle for collaboration and innovation and fulfill the promise of highly motivated self-directed Agile development teams. This book is for engineers, product managers and project managers who want to finally do Agile the way it was envisioned. This book is also for leaders who want to build high-performance teams around the inherent motivational environment of Agile when done right. It allows VCs to obtain the fastest return on their investments.

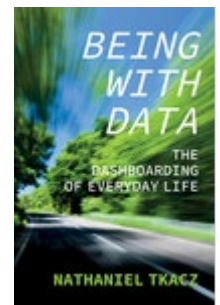
JUNE 2022 304PP
978-1-119-84908-7 CL \$89.95 (Japan)
Software Engineering

Being with Data

The Dashboarding of Everyday Life

NATHANIEL TKACZ

READERSHIP: Academics and postgraduates in Media and Communication, and Science and Technology Studies. Suitable to courses related to Data and Society, and Digital Culture and Technology.



JUNE 2022 256PP
978-1-5095-4531-5 CL \$69.95 (Japan)
978-1-5095-4532-2 PB \$24.95 (Japan)
Media Studies

Digital Labor

KYLIE JARRETT

READERSHIP: Advanced undergraduates, graduates and scholars in Media Studies, Communication Studies, Internet Studies, Sociology, and Labour Studies.



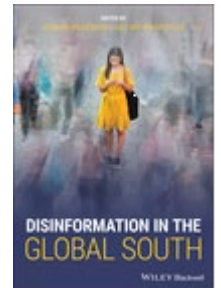
SERIES: DIGITAL MEDIA AND SOCIETY

JUNE 2022 240PP
978-1-5095-4519-3 CL \$64.95 (Japan)
978-1-5095-4520-9 PB \$22.95 (Japan)
Media Studies

Disinformation in the Global South

EDITOR HERMAN WASSERMAN & EDITOR DANI MADRID-MORALES

A timely and incisive exploration of disinformation and its impact in the Global South



In *Disinformation in the Global South*, media and communications scholars Herman Wasserman and Dani Madrid-Morales deliver a unique and geographically diverse collection of perspectives on the phenomenon of disinformation as it manifests in the Global South. In many parts of the Global South, coordinated political disinformation campaigns, rumor, and propaganda have long been a part of the social fabric, even before disinformation has become an area of scholarship in the Global North. The way disinformation manifests in this region, and responses to it, can therefore be highly instructive for readers around the world.

Through case studies and comparative analyses, the book explores the impact of disinformation in Africa, Latin America, the Arab World and Asia. The chapters in this book discuss the similarities and differences of disinformation in different regions and provide a broad thematic overview of the phenomenon as it manifests across the Global South. After analyzing core concepts, theories and histories from Southern perspectives, contributors explore the experiences of media users and the responses to disinformation by various social actors drawing on examples from a dozen countries.

A valuable resource for scholars of disinformation everywhere, as well as senior undergraduate and graduate students in courses covering transnational or global perspectives to communication studies, *Disinformation in the Global South* is also an ideal reference for anyone studying or working in media or journalism.

JUNE 2022 272PP
978-1-119-71444-6 PB \$59.95 (Japan)
Journalism

The Ethical Journalist

Making Responsible Decisions in the Digital Age

3rd Edition

GENE FOREMAN, DANIEL R. BIDDLE, EMILIE LOUNSBERRY &
RICHARD G. JONES

Pennsylvania State University, USA

Praise for the Third Edition of The Ethical Journalist

"A riveting examination of journalism ethics, updated for the seismic change that is now an industry constant. *The Ethical Journalist* is written to fortify journalism students, but real-life examples of everything from faked photographs to reporting on presidential lies make it valuable to all of us who care about the news."

ANN MARIE LIPINSKI, CURATOR OF THE NIEMAN FOUNDATION AT HARVARD UNIVERSITY AND FORMER EDITOR OF THE CHICAGO TRIBUNE

"At a time when the internet has turned journalism inside out and blown up long-held traditions, the need for media ethics is even more critical. This is the book to help guide students and the rest of us through the revolution."

ALICIA C. SHEPARD, FORMER NPR OMBUDSMAN

The third edition of *The Ethical Journalist* is a comprehensive examination of current issues in the field of journalism ethics, researched and written by four journalists with experience in both the newsroom and the classroom. It gives students and professionals the tools they need to navigate the challenges of journalism today, first explaining the importance of ethics in journalism and then putting a decision-making strategy to work. The text is supplemented by case studies and essays, and two companion websites provide additional materials for educators and a forum for all users to discuss new topics in journalism ethics as they arise.



JUNE 2022 416PP
978-1-119-77747-2 PB \$64.95 (Japan)
JOURNALISM

Everyday Data Cultures

JEAN BURGESS, KATH ALBURY, ANTHONY MCCOSKER &
ROWAN WILKEN

Queensland University of Technology, Brisbane, Australia;
RMIT University, Melbourne, Australia

READERSHIP: Upper-level undergraduate students, graduate students and scholars in media, communication, and cultural studies. The book might also appeal to students and scholars in sociology, especially those within or with an interest in the subfields of digital sociology, the sociology of media, and STS.



JUNE 2022 160PP
978-1-5095-4755-5 CL \$64.95 (Japan)
978-1-5095-4756-2 PB \$22.95 (Japan)
Digital Culture & the Information Age

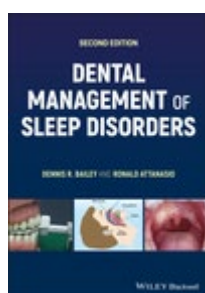
Dental Management of Sleep Disorders

2nd Edition

DENNIS R. BAILEY & RONALD ATTANASIO

Private Practice, Englewood, CO; University of Nebraska Medical Center, Lincoln, Nebraska

The newly revised Second Edition of *Dental Management of Sleep Disorders* delivers a focused and authoritative exploration of the dentist's role in managing patients with sleep problems, especially sleep-related breathing disorders and bruxism.



Full discussions of the use of appliances, overviews of current treatment modalities, and investigations of the relationship between sleep disorders and dental and orofacial features accompany detailed chapters on oral appliance therapy, pharmacological, and behavioral management of symptoms. The book includes a variety of revealing case studies that examine the treatment of different sleep disorders, as well as:

- Thorough introductions to the societal impact of sleep disorders and human sleep architecture and functional anatomy of the airway
- Comprehensive explorations of the pathophysiology and classification of sleep disorders and sleep disorders in the pediatric population
- Practical discussions of medical disorders related to obstructive sleep apnea and the dental and orofacial consequences of sleep-related breathing disorders
- In-depth examinations of the role and interaction of the dentist with the sleep physician and sleep study center

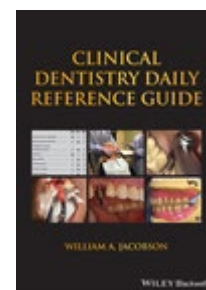
Offering practical advice for diagnosis and treatment, *Dental Management of Sleep Disorders, Second Edition* is a valuable resource for dental practitioners as well as students.

JUNE 2022 UnknownPP
978-1-118-63668-8 PB \$114.99 (Japan)
GENERAL DENTISTRY

Clinical Dentistry Daily Reference Guide

WILLIAM A. JACOBSON

Clinical dentistry involves the practice of preventing, diagnosing, and treating patients' oral health conditions. *Clinical Dentistry Daily Reference Guide* is a one-stop resource loaded with critical information for day-to-day decision making regarding a myriad of clinical scenarios. This invaluable resource saves time by eliminating the need to search through websites, textbooks, and phone apps to find answers.



This book offers step-by-step assistance on oral cancer screening, radiographic interpretation, treatment planning, preventive dentistry, periodontics, operative dentistry, endodontics, oral surgery, toothaches, crown and bridge, dentures, partials, implant crowns, occlusal guards, pediatric dentistry, nitrous sedation, and more.

This comprehensive guide:

- * Provides quick access to information in an easy-to-read bulleted format
 - * Includes hundreds of high-quality clinical images, illustrations, and tables
 - * Answers real-life patient questions
 - * Contains procedural steps including post-operative instructions, lab prescriptions, troubleshooting, and clinical pearls
 - * Features alphabetized medical conditions and treatment modifications, evidence-based guidelines including the dental traumatology guidelines, tables of common medications converted to pediatric dosages, trigger point charts, and more.
 - * Helps dentists gain confidence in their decision making
- Clinical Dentistry Daily Reference Guide* is a must-have book for all dental students and practicing dentists, both new and seasoned. Other dental professionals that will benefit from this book include dental educators, expanded function dental assistants, and dental hygienists.

JUNE 2022 640PP
978-1-119-69071-9 PB \$164.99 (Japan)
Introductions to Dentistry

Endodontic Advances and Evidence-Based Clinical Guidelines

EDITOR HANY M. A. AHMED & EDITOR PAUL DUMMER

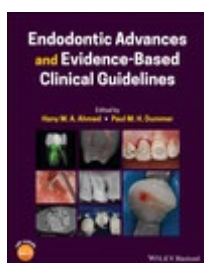
Explores recent research and innovations in the field of Endodontics and provides evidence-based guidelines for contemporary dental practice

Endodontic Advances and Evidence-Based Clinical Guidelines

provides a comprehensive and up-to-date description of recent research findings and their impact on clinical practice. Using an innovative approach to the field, the book enables readers to translate the current body of knowledge on endodontic diseases and treatment into guidelines for enhancing patient care.

Divided into four parts, the book first addresses new research findings and advances in technology, techniques, materials, and clinical management. In addition, it provides revised clinical guidelines for a variety of areas within the specialty, such as endodontic diagnosis, treatment planning, management of endodontic emergencies, regenerative endodontic procedures, three-dimensional imaging, and the use of systemic antibiotics. Each chapter contains numerous high-quality illustrations and clinical cases highlighting current research directions, key concepts, and new trends in clinical techniques and education.

Endodontic Advances and Evidence-Based Clinical Guidelines is an invaluable resource for undergraduate and postgraduate dental students, general dental practitioners, Endodontic specialists, researchers in the field of endodontics, and clinicians, researchers, and educators in other fields of dentistry.



JUNE 2022 1088PP
978-1-119-55388-5 CL \$125.00 (Japan)
Endodontics

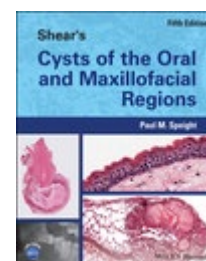
Shear's Cysts of the Oral and Maxillofacial Regions

5th Edition

PAUL SPEIGHT

School of Clinical Dentistry, University of Sheffield

The new Fifth Edition of *Shear's Cysts of the Oral and Maxillofacial Regions* delivers a comprehensive treatise on cysts that arise in the oral and maxillofacial tissues. It is the gold-standard on oral and maxillofacial cysts for professionals working in head and neck pathology, oral medicine, head and neck surgery, and radiology.



The book has been completely revised and rewritten to enable readers to easily access key facts and important information that will assist in diagnosis and management of these lesions. The text has been updated, with increased emphasis on histopathology and differential diagnosis, and with a new layout that makes information more accessible to students and trainees at all levels, as well as to non-specialist clinicians and general pathologists faced with an individual lesion that requires diagnosis and management.

Shear's Cysts of the Oral and Maxillofacial Regions Fifth Edition is a valuable resource for specialists and trainees in oral and maxillofacial pathology, oral medicine, and head and neck surgery, as well as radiologists seeking a comprehensive understanding of oral and maxillofacial cysts.

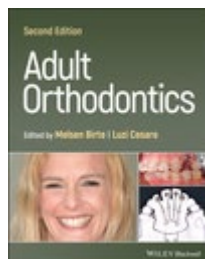
JUNE 2022 368PP
978-1-119-35499-4 CL \$199.99 (Japan)
ORAL PATHOLOGY

教育

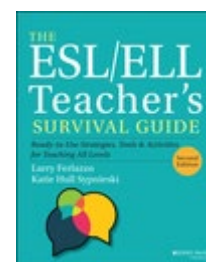
Adult Orthodontics

2nd Edition

EDITOR BIRTE MELSEN & EDITOR CESARE LUZI

Royal Dental College, University of
Aarhus, DenmarkJUNE 2022 430PP
978-1-119-77577-5 CL \$170.00 (Japan)
ORTHODONTICS**The ESL/ELL Teacher's Survival Guide**Ready-to-Use Strategies, Tools, and Activities for
Teaching English Language Learners of All Levels,
2nd Edition

LARRY FERLAZZO & KATIE HULL SYPNIESKI

**Maximize the educational potential of
your ESL/ELL class with this singular
resource***The ESL/ELL Teacher's Survival Guide:
Ready-to-Use Strategies, Tools, and
Activities for Teaching English Language
Learners of All Levels, 2nd Edition* offersreaders a comprehensive range of
instructional strategies and educational resources for
teaching English. The newly revised 2nd Edition includes
brand new chapters on:

- * Working with Long-Term English Language Learners
- * Teaching English internationally
- * Teaching Elementary Age ELLs
- * Teaching Adult ELLs
- * Teaching ELLs with learning challenges
- * Culturally Responsive Instruction
- * Effective online instruction
- * Working with co-teachers and para-professionals

In addition to the new chapters, *The ESL/ELL Teacher's Survival Guide* contains updated material on topics including math, science, social studies, Common Core Standards, the Next Generation Science Standards and 150 pages of new, highly engaging content. An essential resource for anyone involved in teaching English as a Second Language to students of all ages, this book is perfect for general education teachers and ESL specialists for students in grades six through twelve. It's also highly instructive for teachers of adult ESL classes, elementary and teacher educators, and resource specialists.

SERIES: J-B ED: SURVIVAL GUIDES

JUNE 2022 512PP
978-1-119-55038-9 PB \$35.00 (Japan)
K-12 GENERAL

The Noble School Leader

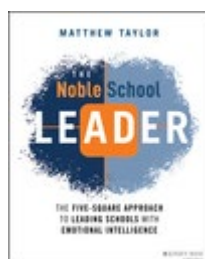
The Five-Square Approach to Leading Schools with Emotional Intelligence

MATTHEW TAYLOR

A practical guide for school leaders and managers seeking concrete strategies for professional improvement

Leading a learning community is a challenging endeavor that rewards those who build social-emotional and adaptive leadership competencies.

In *The Noble School Leader*, veteran school leader and leadership coach Matthew Taylor delivers an inspiring and enlightening exploration of the mindsets that support leaders to thrive, as well as those that just get in the way. It is a field guide to creating learning conditions that make transformative growth happen in schools.



In this book, readers will:

- Uncover the most common internal obstacles that hold all school leaders back, from teacher leaders to superintendents
- Apply the core domains of emotional intelligence and create personal growth plans using the invaluable 5 Square tool
- Surface core values and drivers that shift mindsets and behaviors
- Set goals and plans for challenging leadership moments

Written for school leaders and managers seeking concrete techniques for building social-emotional and adaptive leadership competencies, *The Noble School Leader* is also an indispensable resource for any K-12 teacher, administrator, or professor with an interest in education and emotional intelligence.

JUNE 2022 272PP
978-1-119-76287-4 PB \$30.00 (Japan)
Leadership & Administration (K-12)

Cheating Academic Integrity

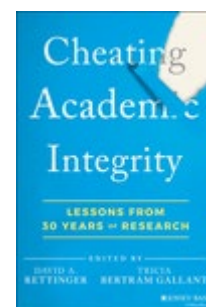
Lessons from 30 Years of Research

EDITOR DAVID RETTINGER & EDITOR TRICIA BERTRAM GALLANT

University of Mary Washington; UC San Diego

Practical and insightful solutions to the growing problem of academic dishonesty

In *Cheating Academic Integrity: Lessons from 30 Years of Research*, a team of renowned academic integrity experts delivers revealing and practicing insights into the causes of--and solutions to--academic cheating by students. This edited volume combines leading research from an interdisciplinary group of scholars, offering readers an overview of the most important topics and trends in academic integrity research.



The book focuses on teaching, classrooms, and faculty behavior and offers a glimpse into the future of this rapidly developing field. Readers will also find:

- Discussions of the newest forms of cheating, including online "contract cheating" and "paper mills" and the methods used to combat them
- Explorations of the prevalence of cheating and plagiarism between 1990 and 2020
- Psychological perspectives on the student motivations underlying academic integrity violations
- Teaching and learning approaches to reduce academic misconduct in both online and in-person courses

A must-read resource for administrators, leaders, and policymakers involved with higher education, *Cheating Academic Integrity* also belongs on the bookshelves of school administrators-in-training and others preparing for a career in education.

JUNE 2022 256PP
978-1-119-86817-0 PB \$45.00 (Japan)
Leadership, Administration & Policy (Higher Education)

The Customer Education Playbook

How Leading Companies Engage, Convert, and Retain Customers

DANIEL QUICK & BARRY KELLY

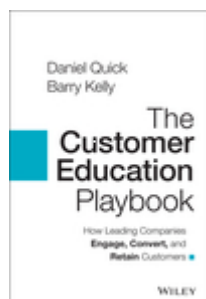
Deliver maximum value to customers and clients with this blueprint to customer success

In *The Customer Education Playbook: How Leading Companies Engage, Convert, and Retain Customers*, customer learning experts Barry Kelly and Daniel Quick explain how teaching customers to best engage with your products and services is the key to converting them from prospects to loyal advocates of your brand.

In this book, you'll examine how to define success for your customer, create a customer education development plan, and pursue customer success and revenue metrics. You'll also:

- Learn why you should prioritize customer learning and invest in customer training and education
- Discover how to create a detailed customer success and retention plan that emphasizes delivered value
- Determine how to implement a learning strategy that maximizes and scales lifetime customer value

Perfect for founders, executives, managers, and practitioners at companies of all kinds, *The Customer Education Playbook* is especially practical for SaaS company executives seeking to extract and provide maximum value from their customers over the long haul.



JUNE 2022 224PP
978-1-119-82250-9 CL \$28.00 (Japan)
Business Education

The Wiley Handbook of Sustainability in Higher Education Learning and Teaching

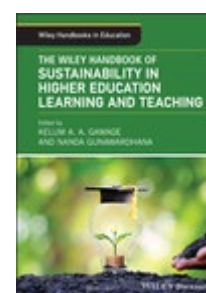
EDITOR KELUM A. GAMAGE & EDITOR NANDA GUNAWARDHANA

A comprehensive resource for higher education professionals interested in sustainability pedagogy

In *The Wiley Handbook of Sustainability in Higher Education Learning and Teaching*, a team of distinguished researchers delivers an insightful reference for higher education professionals seeking to embed sustainability in learning and teaching. The book offers a way for higher education institutions to implement sustainability goals in their curricula and provides comprehensive guidance to educators, researchers and practitioners.

The authors discuss recent developments in technological innovations, best practices, lessons learned, current challenges, and reflections in the area of sustainability teaching in higher education. They also examine the impact of the COVID-19 pandemic on sustainability education. With contributors from a variety of disciplines, including engineering, medicine, urban design, business, environmental science, and social science, the book considers the embedding of sustainability in regenerative learning ecologies, living laboratories, and transgressive forms of learning.

Perfect for education developers seeking to incorporate sustainability, *The Wiley Handbook of Sustainability in Higher Education Learning and Teaching* is also ideal for academics, researchers, policymakers, and accreditation personnel working in the area of sustainability.



SERIES: WILEY HANDBOOKS IN EDUCATION

JUNE 2022 UnknownPP
978-1-119-85282-7 CL \$210.00 (Japan)
Education Special Topics

電気電子工学

Wireless Security Architecture

Designing and Maintaining Secure Wireless for Enterprise

JENNIFER MINELLA & FOREWORD BY STEPHEN ORR

Reduce organizational cybersecurity risk and build comprehensive WiFi, private cellular, and IOT security solutions

Wireless Security Architecture: Designing and Maintaining Secure Wireless for Enterprise offers readers an essential guide to planning, designing, and preserving secure wireless infrastructures. It is a blueprint to a resilient and compliant architecture that responds to regulatory requirements, reduces organizational risk, and conforms to industry best practices. This book emphasizes WiFi security, as well as guidance on private cellular and Internet of Things security.



Readers will discover how to move beyond isolated technical certifications and vendor training and put together a coherent network that responds to contemporary security risks. It offers up-to-date coverage—including data published for the first time—of new WPA3 security, Wi-Fi 6E, zero-trust frameworks, and other emerging trends. It also includes:

- Concrete strategies suitable for organizations of all sizes, from large government agencies to small public and private companies
- Effective technical resources and real-world sample architectures
- Explorations of the relationships between security, wireless, and network elements
- Practical planning templates, guides, and real-world case studies demonstrating application of the included concepts

Perfect for network, wireless, and enterprise security architects, *Wireless Security Architecture* belongs in the libraries of technical leaders in firms of all sizes and in any industry seeking to build a secure wireless network.

JUNE 2022 624PP
978-1-119-88305-0 PB \$50.00 (Japan)
Communication System Security

Radio Science Techniques for Deep Space Exploration

SAMI W. ASMAR

Explore the development and state-of-the-art in deep space exploration using radio science techniques

In *Radio Science Techniques for Deep Space Exploration*, accomplished NASA/JPL researcher and manager Sami Asmar delivers a multi-disciplinary exploration of the science, technology, engineering, mission operations, and signal processing relevant to deep space radio science. The book discusses basic principles before moving on to more advanced topics that include a wide variety of graphical illustrations and useful references to publications by experts in their respective fields.

Complete explanations of changes in the characteristics of electromagnetic waves and the instrumentation and technology used in scientific experiments are examined. *Radio Science Techniques for Deep Space Exploration* offers answers to the question of how to explore the solar system with radio links and better understand the interior structures, atmospheres, rings, and surfaces of other planets.

Perfect for students and professors of physics, astronomy, planetary science, aerospace engineering, and communications engineering, *Radio Science Techniques for Deep Space Exploration* will also earn a place in the libraries of engineers and scientists in the aerospace industry.



SERIES: JPL DEEP-SPACE COMMUNICATIONS AND NAVIGATION SERIES

JUNE 2022 208PP
978-1-119-73414-7 CL \$140.00 (Japan)
Mobile & Wireless Communications

Wireless Communication Security

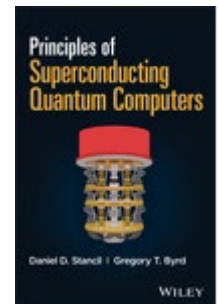
MANJU KHARI, MANISHA BHARI & M. NIRANJANAMURTHY

JUNE 2022 UnknownPP
978-1-119-77714-4 CL \$225.00 (Japan)
Mobile & Wireless Communications

Principles of Superconducting Quantum Computers

DANIEL D. STANCIL & GREGORY T. BYRD

Explore the intersection of computer science, physics, and electrical and computer engineering with this discussion of the engineering of quantum computers



In *Principles of Superconducting Quantum Computers*, a pair of distinguished researchers delivers a comprehensive and insightful discussion of the building of quantum computing hardware and systems. Bridging the gaps between computer science, physics, and electrical and computer engineering, the book focuses on the engineering topics of devices, circuits, control, and error correction.

Using data from actual quantum computers, the authors illustrate critical concepts from quantum computing. Questions and problems at the end of each chapter assist students with learning and retention, while the text offers descriptions of fundamentals concepts ranging from the physics of gates to quantum error correction techniques.

The authors provide efficient implementations of classical computations, and the book comes complete with a solutions manual and demonstrations of many of the concepts discussed within.

Ideal for senior-level undergraduate and graduate students in electrical and computer engineering programs, *Principles of Superconducting Quantum Computers* also deserves a place in the libraries of practicing engineers seeking a better understanding of quantum computer systems.

JUNE 2022 480PP
978-1-119-75072-7 CL \$99.00 (Japan)
Quantum Computing

Electronics All-in-One For Dummies

3rd Edition

DOUG LOWE, FRESNO, UNITED STATES

Open up a world of electronic possibilities with the easiest "how-to" guide available today

If you're looking for a new hobby that's tons of fun--and practical to boot--electronics might be right up your alley. And getting started has never been easier!

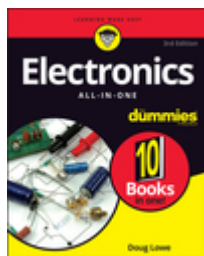
In *Electronics All-in-One For Dummies*, you'll find a plethora of helpful information, from tinkering with basic electronic components to more advanced subjects like working with digital electronics and Arduino microprocessors.

Whether you're just getting started and trying to learn the difference between a circuit board and a breadboard, or you've got a handle on the fundamentals and are looking to get to the next level of electronics mastery, this book has the tools, techniques, and step-by-step guides you need to achieve your goals--and have a blast doing it! You'll learn:

- Critical safety tips and strategies to keep yourself and your environment protected while you work
- Useful schematics for everyday devices you can put to work immediately, like animated holiday lights and animatronic prop controllers
- How to work with alternating current, direct current, analog, digital, and car electronics, as well as Raspberry Pi technologies

Perfect for anyone who's ever looked at a circuit board and thought to themselves, "I wonder how that works?", *Electronics All-in-One For Dummies* is your go-to guide to getting a grip on some of the coolest electronic technologies on the market.

JUNE 2022 UnknownPP
978-1-119-82211-0 PB \$39.99 (Japan)
POWER ELECTRONICS



Nonlinear Filters

Theory and Applications

PEYMAN SETOODEH, SAEID HABIBI & SIMON HAYKIN

McMaster University

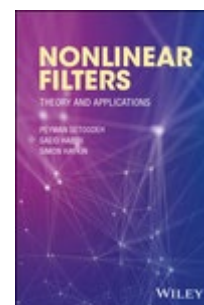
Discover the utility of using deep learning and (deep) reinforcement learning in deriving filtering algorithms with this insightful and powerful new resource

Nonlinear Filters: Theory and Applications delivers an insightful view on state and parameter estimation by merging ideas from control theory, statistical signal processing, and machine learning. Taking an algorithmic approach, the book covers both classic and machine learning-based filtering algorithms.

Readers of *Nonlinear Filters* will greatly benefit from the wide spectrum of presented topics including stability, robustness, computability, and algorithmic sufficiency.

Perfect for researchers, professors, and graduate students in engineering, computer science, applied mathematics, and artificial intelligence, *Nonlinear Filters: Theory and Applications* will also earn a place in the libraries of those studying or practicing in fields involving pandemic diseases, cybersecurity, information fusion, augmented reality, autonomous driving, urban traffic network, navigation and tracking, robotics, power systems, hybrid technologies, and finance.

JUNE 2022 304PP
978-1-118-83581-4 CL \$135.00 (Japan)
Signal Processing



エネルギー

Energy and the Environment

4th Edition

ROBERT A. RISTINEN, JACK J. KRAUSHAAR & JEFFREY BRACK

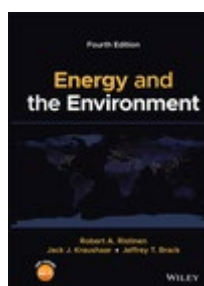
University of Colorado, Boulder, CO; University of Colorado, Boulder, CO; University of Colorado

Examine the tension between energy production and consumption and environmental conservation with the latest edition of this widely read text

In the newly revised Fourth Edition of *Energy and the Environment*, the authors deliver an insightful and expanded discussion on the central topics regarding the interaction between energy production, consumption, and environmental stewardship. The book explores every major form of energy technology, including fossil fuels, renewables, and nuclear power, wrapping up with chapters on how energy usage affects our atmosphere, and the resulting global effects.

The latest edition includes new figures and tables that reflect the most recent numbers on conventional and renewable energy production and consumption. The history and current status of relevant U.S. and international governmental energy legislation is discussed along with the text.

Perfect for either graduate or upper-level undergraduate students of physics, environmental science, and engineering, *Energy and the Environment* is also an indispensable resource for anyone professionally or personally interested in climate change, energy policy, and energy conservation.



JUNE 2022 352PP
978-1-119-80025-5 CL \$119.95 (Japan)
ENERGY & ENVIRONMENTAL IMPACT

Acoustic and Vibrational Enhanced Oil Recovery

GEORGE V. CHILINGAR, KAZEM MAJID SADEGHI & OLEG LEONIDOVICH KUZNETSOV

Based on research they did in the 1970s in Russia and the United States, the authors discovered that oil rate production increased noticeably several days after the occurrence of an earthquake when the epicenter of the earthquake was located in the vicinity of the oil producing field. The increase in oil flow remained higher for a considerable period of time, and it led to a decade-long study both in the Russia and the US, which gradually focused on the use of acoustic/vibrational energy to for enhanced oil recovery after reservoirs waterflooded. In the 1980s, they noticed in soil remediation studies that sonic energy applied to soil increases the rate of hydrocarbon removal and decreases the percentage of residual hydrocarbons. In the past several decades, the use of various seismic vibration techniques have been used in various countries and have resulted in incremental oil production.

This outstanding new volume validates results of vibro-stimulation tests for enhanced oil recovery, using powerful surface-based vibro-seismic sources. It proves that the rate of displacement of oil by water increases and the percentage of nonrecoverable residual oil decreases if vibro-energy is applied to the porous medium containing oil. The book outlines the physical foundations of vibration and acoustic impact on the reservoir to enhance oil recovery and increase the rate of development of depleted and waterlogged oil fields. The developed technologies are environmentally friendly and do not cause damage to well structure elements. This book is for students, researchers, engineering personnel and operators involved in petroleum engineering, geophysics, and for revitalizing dead or abandoned oilfields. Whether for the veteran engineer or scientist, the student, or a manager or other technician working in the field, this volume is a must-have for any library.

JUNE 2022 413PP
978-1-119-76015-3 CL \$225.00 (Japan)
Fossil Fuels

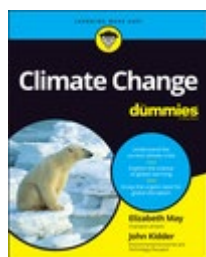
環境科学

Climate Change For Dummies

ELIZABETH MAY & JOHN KIDDER

Master the hottest--and most chilling--topic in the world today

More and more frequent extreme weather events occur each year, and wildlife everywhere is increasingly endangered. Science fiction or science fact, most climate experts see this as our world on climate change--and, according to polls, a majority of people around the globe agree. *Climate Change For Dummies* allows you to investigate this hottest of hotly debated issues for yourself--examining its causes, the way it affects our lives, and what we can all do to make a difference.



This straightforward guide--cowritten by the former leader of Canada's Green Party and the Canadian Chief of Staff to the Minister of Natural Resources--sifts the fact from the fiction: Is climate change caused by human activity or by natural elements beyond our control? What contribution can clean energy make? What are our best and worst-case scenarios?

- What are the likely long- and short-term effects?
- How can human activity can impact the environment?
- Can individuals and governments help reverse the possible effects?
- Which are the best sources of cleaner energy?

With the IPCC predicting a 2.5--10°F warming over the next century, this complex subject will be making temperatures soar for years to come--on both sides of the debate. *Climate Change For Dummies* is the ideal tool to navigate these increasingly choppy waters--and to make an informed difference where you can.

JUNE 2022 UnknownPP
978-1-119-70310-5 PB \$24.99 (Japan)
Environmental Science

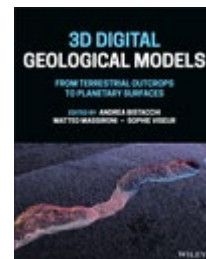
地球科学

3D Digital Geological Models

From Terrestrial Outcrops to Planetary Surfaces

EDITOR ANDREA BISTACCHI, EDITOR MATTEO MASSIRONI & EDITOR SOPHIE VISEUR

Discover the practical aspects of modeling techniques and their applicability on both terrestrial and extraterrestrial structures



A wide overlap exists in the methodologies used by geoscientists working on the Earth and those focused on other planetary bodies in the Solar System. Over the course of a series of sessions at the General Assemblies of the European Geosciences Union in Vienna, the intersection found in 3D characterization and modeling of geological and geomorphological structures for all terrestrial bodies in our solar system revealed that there are similar datasets and common techniques for the study of all planets--Earth and beyond--from a geological point-of-view. By looking at Digital Outcrop Models (DOMs), Digital Elevation Models (DEMs), or Shape Models (SM), the researcher may achieve digital representations of outcrops, topographic surfaces, or entire small bodies of the Solar System, like asteroids or comet nuclei.

3D Digital Geological Models has two central objectives, namely, to highlight the similarities that geological disciplines have in common when applied to entities in the Solar System, and to encourage interdisciplinary communication and collaboration between different scientific communities. The book particularly focuses on analytical techniques on DOMs, DEMs and SM that allow for quantitative characterization of outcrops and geomorphological features. It also highlights innovative 3D interpretation and modeling strategies that allow scientists to gain new and more advanced quantitative results on terrestrial and extraterrestrial structures.

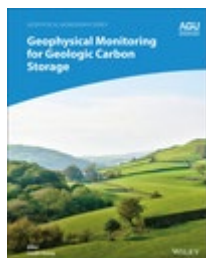
3D Digital Geological Models is a useful reference for academic researchers in earth science, structural geology, geophysics, petroleum geology, remote sensing, geostatistics, and planetary scientists, among others, and graduate students studying in these fields. It may also be of interest for professionals from industry, particularly those in the mining and hydrocarbon fields.

JUNE 2022 240PP
978-1-119-31388-5 CL \$149.95 (Japan)
Geology & Geophysics

Geophysical Monitoring for Geologic Carbon Storage

LIANJIE HUANG

Storing carbon dioxide in underground geological formations is emerging as a promising technology to reduce carbon dioxide emissions in the atmosphere. A range of geophysical techniques can be deployed to remotely track carbon dioxide plumes and monitor changes in the subsurface, which is critical for ensuring for safe, long-term storage.



Geophysical Monitoring for Geologic Carbon Storage provides a comprehensive review of different geophysical techniques currently in use and being developed, assessing their advantages and limitations.

Volume highlights include:

- Geodetic and surface monitoring techniques
- Subsurface monitoring using seismic techniques
- Subsurface monitoring using non-seismic techniques
- Case studies of geophysical monitoring at different geologic carbon storage sites

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

JUNE 2022 464PP
978-1-119-15683-3 CL \$189.95 (Japan)
Geology & Geophysics

Meta-attributes and Artificial Networking

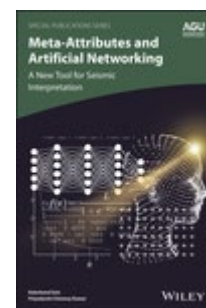
A New Tool for Seismic Interpretation

KALACHAND SAIN & PRIYADARSHI CHINMOY KUMAR

CSIR-National Geophysical Research Group, Hyderabad, India;

Applying machine learning to the interpretation of seismic data

Seismic data gathered on the surface can be used to generate numerous seismic attributes that enable better understanding of subsurface geological structures and stratigraphic features. With an ever-increasing volume of seismic data available, machine learning augments faster data processing and interpretation of complex subsurface geology.



Meta-attributes and Artificial Networking: A New Tool for Seismic Interpretation explores how artificial neural networks can be used for the automatic interpretation of 2D and 3D seismic data.

Volume highlights include:

- Historic evolution of seismic attributes
- Overview of meta-attributes and how to design them
- Workflows for the computation of meta-attributes from seismic data
- Case studies demonstrating the application of meta-attributes
- Sets of exercises with solutions provided
- Sample data sets available for hands-on exercises

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: SPECIAL PUBLICATIONS

JUNE 2022 304PP
978-1-119-48200-0 CL \$199.95 (Japan)
Geology & Geophysics

Remote Sensing of Water-Related Hazards

YANG HONG, DALIA B. KIRSCHBAUM, AMIR AGHAKOUCHAK
& KE ZHANG

Applications of remote sensing technology for monitoring and predicting water-related hazards

Water-related hazards such as floods and droughts have serious impacts on society. Their incidence has increased in recent decades, a trend set to continue with ongoing climate change. Adaptation and mitigation measures require accurate detection, monitoring, and forecasting, much of which comes from remote sensing technologies.

Remote Sensing of Water-Related Hazards takes an interdisciplinary approach, presenting recent advances in the available data, sensors, models, and indicators developed for monitoring and prediction.

Volume highlights include:

- Progress in remote sensing of precipitation, storms, and tornados
- Different techniques for flood mapping, forecasting, and early warning
- Integrated approach for predicting flood and landslide cascading hazards
- Satellite monitoring of water cycle variation, water scarcity, and drought conditions
- Multi-indicator and multi-sensor approaches for quantifying drought impacts

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

JUNE 2022 272PP
978-1-119-15912-4 CL \$189.95 (Japan)
Geology & Geophysics



Isotopic Constraints on Earth System Processes

KENNETH W. SIMS, KATHARINE (KATE) MAHER & DANIEL P. SCHRAG

Using isotopes as a tool for understanding Earth processes

From establishing the absolute age of the Earth to providing a stronger understanding of the nexus between geology and life, the careful measurement and quantitative interpretation of minor variations in the isotopic composition of Earth's materials has provided profound insight into the origins and workings of our planet.

Isotopic Constraints on Earth System Processes presents examples of the application of numerous different isotope systems to address a wide range of topical problems in Earth system science.

Volume highlights include:

- examination of the natural fractionation of non-traditional stable isotopes from theoretical and experimental to petrologic and metabolic
- application of isotopes to understand the origin and evolution of magmas that give rise to the Earth's oceanic and continental crust
- utilizing isotopes to understand volcanic systems, from the genesis of large ignimbrites to monitoring of active volcanos
- application of isotopes to interrogate and understand Earth's Carbon and Oxygen cycles through geologic time
- examination of the geochemical and hydrologic processes that lead to isotopic fractionation in metal, metalloid, and actinide isotope systems
- application of isotopic reactive transport models to decipher hydrologic and biogeochemical processes

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

JUNE 2022 UnknownPP
978-1-119-59497-0 CL \$199.95 (Japan)
Geochemistry & Mineralogy



An Integrated Framework for Structural Geology

Kinematics, Dynamics, and Rheology of Deformed Rocks

STEVEN WOJTAL, TOM BLENKINSOP & BASIL TIKOFF

Oberlin College; James Cook University

* Modern approach to structural geology that teaches not only what we know but also how structural geologists think and work

* Turns structural geology into a quantitative science by introducing kinematics, dynamics and rheology of rocks

* Includes two fully worked out practical examples of structural geology field observation and laboratory analysis

* Richly illustrated with hundreds of two-color images, including many microstructural photographs

JUNE 2022 576PP
978-1-4051-0684-9 PB \$59.95 (Japan)
Structural Geology & Tectonics

Ellipsocephalid Trilobites from Cambrian Series 2 and Stage 4

PETER CEDERSTROM, GERD GEYER, PER E. AHLBERG, CARIN H. NILSSON & JOHN AHLGREN

SERIES: FOSSILS AND STRATA MONOGRAPH SERIES

JUNE 2022 160PP
978-1-119-88186-5 PB \$85.00 (Japan)
Paleontology, Paleobiology & Geobiology

ファイナンス／インベストメント

Global Climate Change and Human Life

M. A. K. KHALIL

Portland State University

- Combines the basic science underlying climate change, its impact on the environment and the effect of these changes on human life
- Written by a renowned scientist with over twenty years teaching experience
- This is a must-have' for students needing an introduction to the science and issues of the global environment
- Student-friendly layout and approach featuring numerous questions, exercises and worked examples with minimal use mathematics

READERSHIP:

Primary Market: Undergraduate students taking courses on global climate change from a variety of departments including Environmental Science, Geography, Geology, Natural Science and Life Sciences.

Secondary Market: Postgraduate students taking taught masters on global climate change. Policy-makers needing an introduction to the basic science underlying global warming.

JUNE 2022 304PP
978-0-470-66578-7 PB \$89.95 (Japan)
Climatology & Paleoclimatology

Investing Amid Low Expected Returns

Making the Most When Markets Offer the Least

ANTTI ILMANEN, BAD HOMBURG, GERMANY

Brevan Howard Asset Management

Elevate your game in the face of challenging market conditions with this eye-opening guide to portfolio management

Investing Amid Low Expected Returns: Making the Most When Markets Offer the Least provides an evidence-based blueprint for successful investing when decades of market tailwinds are turning into headwinds.



For a generation, falling yields and soaring asset prices have boosted realized returns. However, this past windfall leaves retirement savers and investors now facing the prospect of record-low future expected returns. Emphasizing this pressing challenge, the book highlights the role that timeless investment practices -- discipline, humility, and patience -- will play in enabling investment success. It then assesses current investor practices and the body of empirical evidence to illuminate the building blocks for improving long-run returns in today's environment and beyond. It concludes by reviewing how to put them together through effective portfolio construction, risk management, and cost control practices.

Ideal for institutional and active individual investors, *Investing Amid Low Expected Returns* is a timeless resource that enables investing with serenity even in harsher financial conditions.

JUNE 2022 304PP
978-1-119-86019-8 CL \$28.00 (Japan)
General Finance & Investments

Financial Statement Analysis

A Practitioner's Guide, 5th Edition

MARTIN S. FRIDSON & FERNANDO ALVAREZ

Merrill Lynch; Berkeley Center, Stern NYU

In *Financial Statement Analysis, 5th Edition*, leading investment authority Martin Fridson returns with Fernando Alvarez to provide the analytical framework you need to scrutinize financial statements, whether you're evaluating a company's stock price or determining valuations for a merger or acquisition. Rather than taking financial statements at face value, you'll learn practical and straightforward analytical techniques for uncovering the reality behind the numbers. This fully revised and up-to-date 5th Edition offers fresh information that will help you to evaluate financial statements in today's volatile markets and uncertain economy. The declining connection between GAAP earnings and stock prices has introduced a need to discriminate between instructive and misleading non-GAAP alternatives. This book integrates the alternatives and provides guidance on understanding the extent to which non-GAAP reports, particularly from US companies, may be biased.



Understanding financial statements is an essential skill for business professionals and investors. Most books on the subject proceed from the questionable premise that companies' objective is to present a true picture of their financial condition. A safer assumption is that they seek to minimize the cost of raising capital by portraying themselves in the most favorable light possible. *Financial Statement Analysis* teaches readers the tricks that companies use to mislead, so readers can more clearly interpret statements.

Professional analysts, investors, and students will gain valuable knowledge from this updated edition of the popular guide. Filled with real-life examples and expert advice, *Financial Statement Analysis, 5th Edition*, will help you interpret and unpack financial statements.

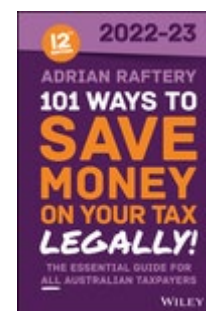
SERIES: WILEY FINANCE

JUNE 2022 448PP
978-1-119-45714-5 CL \$85.00 (Japan)
INSTITUTIONAL & CORPORATE FINANCE

101 Ways to Save Money on Your Tax - Legally! 2022-2023

ADRIAN RAFTERY

JUNE 2022 336PP
978-1-119-88317-3 PB \$21.00 (Japan)
PERSONAL FINANCE



食品科学

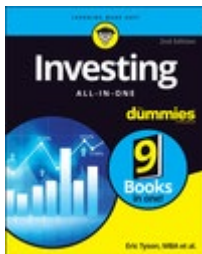
Investing All-in-One For Dummies

2nd Edition

ERIC TYSON, WESTON, UNITED STATES

Make the most of your investment portfolio with a mix of assets from stocks to real estate to cryptocurrency

There's nothing more satisfying than seeing the balance of a financial account grow month over month. But before that can happen, you need to know the best places to invest your money. Who can you trust for solid, reliable investing advice?



Investing All-in-One For Dummies offers sound guidance for investors at every level. Whether you're stumped by stocks, baffled by bonds, mystified about mutual funds, or curious about cryptocurrency, this book gives you a solid foundation in those investing concepts and many others. After reading the expert advice and considering your risk tolerance and timeline, you can confidently choose the best investments for your financial goals.

Containing advice from 10 different *Dummies* investing guides, *Investing All-in-One For Dummies* shows you how to:

- Set short- and long-term investing goals, invest to minimize your tax hit, and develop an investing strategy using a mix of investment vehicles
- Decide when to buy, hold, or sell an investment
- Choose the right mix of stocks, bonds, and mutual funds to create a diversified portfolio
- Identify real estate investment opportunities and find the capital to make purchases
- Execute trades through an online broker instead of using a traditional investment firm
- Evaluate modern investing trends like cryptocurrency and environmental, social, and governance (ESG) investing

For anyone who wants to dip their toes into the markets or who tends to leave their investment decisions in the hands of someone else, *Investing All-in-One For Dummies* is the must-read resource when you're ready to make informed decisions and pick solid investments for your financial future.

JUNE 2022 592PP
978-1-119-87303-7 PB \$39.99 (Japan)
INVESTMENTS & SECURITIES

Food Regulation

Law, Science, Policy, and Practice, 3rd Edition

NEAL D. FORTIN

With its in-depth discussion of federal statutes, regulations, and regulatory agencies concerned with food regulation; this textbook provides a thorough and practical coverage of food regulatory law.

* Features case studies and discussion questions about application of law, policy questions, and emerging issues

* Adds at least 10% new material and significantly updates half the book chapters to reflect the monumental changes in food regulations and implementation

* Offers ancillaries available on the book via the author's website (www.foodregulation.us) that offers instructors a manual for course use and sample syllabi



JUNE 2022 544PP
978-1-119-76427-4 CL \$149.95 (Japan)
GENERAL & INTRODUCTORY FOOD SCIENCE & TECHNOLOGY

公衆衛生

Handbook of Nutraceuticals and Natural Products

EDITOR SREERAG GOPI & EDITOR PREETHA BALAKRISHNAN

Gandhigram Rural Institute, India; Mahatma Gandhi University, Kottayam, India

An essential treatment of nutraceuticals and natural products, their preparation techniques, and applications

In *Handbook of Nutraceuticals and Natural Products: From Concepts to Application*, a team of distinguished researchers delivers a one-stop resource describing the preparation techniques and functional uses of nutraceuticals and natural products with a focus on the technologies involved. The book includes coverage of the biological, medicinal, and nutritional properties and applications of functional foods, as well as the advanced technologies used in the extraction and functionalization of nano components and the nanomaterial and nanochemical aspects of the products.

The authors discuss developmental research as well as user-level benefits of nutraceuticals and natural products and thoroughly review the market analyses, quality assurance processes, and regulations relevant to nutraceuticals and natural products.

Perfect for chemists, biochemists, food scientists, and materials scientists, *Nutraceuticals and Natural Products: From Concepts to Application* will also earn a place in the libraries of medical scientists working in academia or industry, as well as nutritionists, dietitians, and biochemistry graduate students studying nutraceuticals.

JUNE 2022 960PP
978-1-119-74679-9 CL \$395.00 (Japan)
Functional Foods & Nutraceuticals

COVID-19

The Postgenomic Pandemic

HUGH PENNINGTON

READERSHIP: Medical and health professionals, policy-makers, and general readers interested in the COVID-19 pandemic, science and public health.



JUNE 2022 140PP
978-1-5095-5214-6 CL \$59.95 (Japan)
978-1-5095-5215-3 PB \$16.95 (Japan)
Health & Social Care

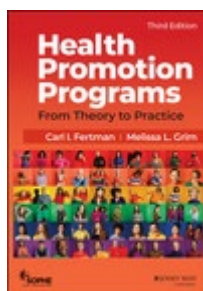
Health Promotion Programs

From Theory to Practice, 3rd Edition

EDITOR CARL I. FERTMAN, PITTSBURGH, UNITED STATES, EDITOR
MELISSA GRIM & (SOPHE) SOCIETY FOR PUBLIC HEALTH
EDUCATION

An incisive, up-to-date, and comprehensive treatment of effective health promotion programs

In the newly revised Third Edition of *Health Promotion Programs: From Theory to Practice*, health and behavior experts Drs. Carl I. Fertman and Melissa Grim deliver a robust exploration of the history and rapid evolution of health promotion programs over the last three decades. The authors describe knowledge advances in health and behavior that have impacted the planning, support, and implementation of health promotion programs.



With thoroughly updated content, statistics, data, figures, and tables, the book discusses new resources, programs, and initiatives begun since the publication of the Second Edition in 2016. "Key Terms" and "For Practice and Discussion Questions" have been revised, and the authors promote the use of health theory by providing the reader with suggestions, models, boxes, and templates.

A renewed focus on health equity and social justice permeates much of the book, and two significant health promotion and education events- the HESPA II study and Healthy People 2030- are discussed at length.

Perfect for undergraduate and graduate students studying public health, health administration, nursing, and medical research, *Health Promotion Programs: From Theory to Practice* is also ideal for medical students seeking a one-stop resource on foundational concepts and cutting-edge developments in health promotion programs.

SERIES: JOSSEY-BASS PUBLIC HEALTH

JUNE 2022 432PP
978-1-119-77088-6 PB \$93.95 (Japan)
PUBLIC HEALTH BEHAVIOR & EDUCATION

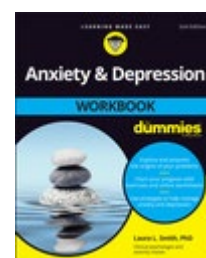
Anxiety and Depression Workbook For Dummies

2nd Edition

LAURA L. SMITH, CORRALES, UNITED STATES
Presbyterian Medical Group

Tackle anxiety and depression head-on with this practical workbook

If you're one of the millions of people affected by--or whose loved ones are affected by--anxiety and depression, you're probably looking for strategies to help subdue or even transcend these debilitating and painful disorders. In that case, *Anxiety and Depression Workbook For Dummies* is a great place to start.



This book is filled with chapters that cut across diagnostic categories, incorporating treatment techniques based on Cognitive Behavioral Therapy, Acceptance and Commitment Therapy, Emotion Focused Therapy, and Interpersonal Therapy. Use the techniques explored in this book to start making real changes, which can quickly lead to you feeling better. It also includes:

- Practical and hands-on descriptions of mindfulness-based practices you can implement immediately
- Brand-new updates to reflect modern changes in technology, social media, and the prevalence of loneliness
- Consideration of the pros and cons of medications and other biological interventions for depression and anxiety, including exploration of the placebo effect
- Additional worksheets online available for download

Perfect for anyone trying to work through the challenging issues presented by anxiety and depression, for those trying to help a loved one do the same thing, or for those in therapy, this book is an excellent supporting resource that can help contribute to positive changes in the lives of people affected by emotional distress.

JUNE 2022 UnknownPP
978-1-119-86742-5 PB \$24.99 (Japan)
MENTAL HEALTH

歴史

Queen Elizabeth II For Dummies

STEWART ROSS, KENT UK, UNITED KINGDOM

The longest-reigning monarch in European history!

If the news about Harry, William, Kate, Meghan, and the rest of the British royals has you wondering about how this latest generation of princes, princesses, dukes, and duchesses got their start, you're not alone. *Queen Elizabeth II For Dummies* takes you on a fascinating journey through the life of Great Britain's longest-serving monarch.



Queen Elizabeth II For Dummies takes you on a fascinating journey through the life of Great Britain's longest-serving monarch.

You'll find revealing stories about Queen Elizabeth II's family background, her childhood, early ascension to the throne, and her role during times of national crisis and triumph. The book combines must-know facts about the monarchy with details of the remarkable woman who has held the crown for over 68 years (and counting). You'll also read about:

- Where shows like *The Crown* stay true-to-life and where they take artistic liberties with historical fact
- Queen Elizabeth II's relationship with Prince Charles, the late Prince Phillip, Princess Diana, and the thousands of famous figures she has encountered during her reign
- The subtle and at times controversial role of a hereditary Head of State in a democracy

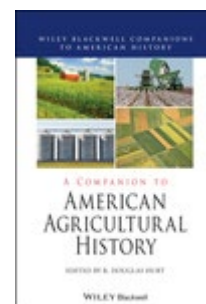
Perfect for anyone with an interest in the monarchy, British governance, power and society, leadership, or the resurgence of the British monarchy in popular culture, *Queen Elizabeth II For Dummies* is a cracking read full of trivia, secrets, and history that puts one of the most central figures of the 20th and 21st centuries in the palm of your hand.

JUNE 2022 UnknownPP
978-1-119-85034-2 PB \$24.99 (Japan)
General & Introductory History

A Companion to American Agricultural History

EDITOR R. DOUGLAS HURT

Provides a solid foundation for understanding American agricultural history and offers new directions for research



A Companion to American Agricultural History addresses the key aspects of America's complex agricultural past from 8,000 BCE to the first decades of the twenty-first century. Bringing together more than thirty original essays by both established and emerging scholars, this innovative volume presents a succinct and accessible overview of American agricultural history while delivering a state-of-the-art assessment of modern scholarship on a diversity of subjects, themes, and issues.

The essays provide readers with starting points for their exploration of American agricultural history--whether in general or in regards to a specific topic--and highlights the many ways the agricultural history of America is of integral importance to the wider American experience. Individual essays trace the origin and development of agricultural politics and policies, examine changes in science, technology, and government regulations, offer analytical suggestions for new research areas, discuss matters of ethnicity and gender in American agriculture, and more.

A Companion to American Agricultural History is an essential resource for introductory students and general readers seeking a concise overview of the subject, and for graduate students and scholars wanting to learn about a particular aspect of American agricultural history.

SERIES: WILEY BLACKWELL COMPANIONS TO AMERICAN HISTORY
JUNE 2022 592PP
978-1-119-63222-1 CL \$185.00 (Japan)
US History

ライフスタイル

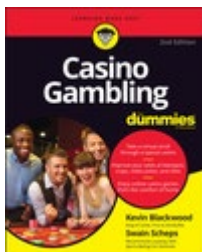
Casino Gambling For Dummies

2nd Edition

KEVIN BLACKWOOD & SWAIN SCHEPS, PORTLAND, UNITED STATES

Maximize your odds on the casino floor

Casinos are designed for distraction, so it helps to know a bit about when the odds are in your favor and when they're not before you push a stack of chips onto a table. Professional blackjack player Kevin Blackwood and lifelong sports bettor Swain Scheps know a thing or two about casino gambling. In *Casino Gambling For Dummies*, these seasoned gaming veterans walk you through the essential strategies for walking out of the casino ahead of the game. They also show you the most common mistakes made by players, helping you avoid gambling myths and risks while you enjoy what the gaming industry has to offer.



Learn to see past the flashing lights, decide how much you're willing to wager, and find out how to enjoy yourself. In this book, you'll also discover:

- Step-by-step walkthroughs of casino etiquette and the rules of common casino games, including poker and blackjack
- Explanations of video poker and slots and ways to avoid losing more than you're comfortable with
- Explorations of online gambling, so you can enjoy the fun of a casino from the comfort of your home

The perfect guide for anyone looking for an easy introduction to the world of casino gaming, *Casino Gambling For Dummies* is also an essential resource for those seeking to improve their odds at blackjack, craps, video poker, slots, and other games.

JUNE 2022 UnknownPP
978-1-119-87312-9 PB \$24.99 (Japan)
GAMES

Sailing For Dummies

3rd Edition

PETER ISLER, SAN DIEGO, UNITED STATES, J. J. FETTER, LA JOLLA, UNITED STATES & WITH MARLY ISLER

Buoy your sailing knowhow with advice from two US sailing champions

Nothing can beat the feel of the warm sun on your back, the gentle wind in your hair, and a swaying deck under your feet. If you long to take to the open water and sail wherever the wind takes you, you'll find everything you need to know in *Sailing For Dummies*. This friendly guide offers information for beginning and intermediate captains. Discover everything you need to know to confidently navigate your vessel through whatever waters--rough or smooth--you may encounter. Whether your goal is to explore a nearby lake, sail down the Mighty Mississippi, or take to the open sea, *Sailing For Dummies* explains how to launch your vessel, tie knots, turn sails, read the water, and more.



- Figure out how to work with the wind using sails to reach your destination
- Find out how the latest technology makes sailing easier and more enjoyable
- Master the essential skills of docking, tying knots, and dropping anchor
- Learn how to read the wind, sea, and sky to know what the weather is up to
- Choose the boat that's right for you, complete with bells and whistles
- Discover the basics of windsurfing and kiteboarding
- Satisfy your need to go farther and faster in your craft
- Know how to sail safely in tricky situations

Whether you're dipping your toe in the water or knee deep in your pursuit of sailing excellence, this reference will come in handy as you set your sights on sailing. After spending some time with *Sailing For Dummies*--and even more time on the water--you'll know the ropes!

JUNE 2022 UnknownPP
978-1-119-86723-4 PB \$24.99 (Japan)
SAILING

言語学

Second Language Pronunciation

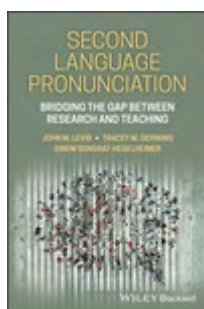
Bridging the Gap Between Research and Teaching

JOHN LEVIS, TRACEY DERWING & SINEM
SONSAAT-HEGELHEIMER

Iowa State University, USA; University of Alberta, Canada;
Simon Fraser University, Canada; Iowa State University, USA

Practical resources designed to help language educators apply the latest research and most effective pedagogical methods to classroom pronunciation instruction

In *Second Language Pronunciation: Bridging the Gap Between Research and Teaching*, a team of distinguished researchers and educators delivers an incisive and practical approach to evidence-based pronunciation instruction in second language classrooms. Developed for language teachers who want to incorporate and implement the most effective pedagogical methods in their language instruction, this edited volume offers 15 essays that connect the latest research with practical applications in the classroom.



In addition to exploring recent but less well-known methods--like High Variability Phonetic Training, discourse-based teaching, communicative classrooms, and technology-based methods--these chapters are unified in bringing theory to bear on practical questions faced by language teachers. The chapters follow a standard format, moving from critical research issues to pedagogical implications, and practical resources to equip language teachers, scholars, administrators, and teachers-in-training with the tools they require to develop their students' pronunciation abilities.

Perfect for upper-level undergraduate and graduate students studying TESOL, applied linguistics, and second language acquisition, *Second Language Pronunciation: Bridging the Gap Between Research and Teaching* will also earn a place in the libraries of researchers, scholars, and teachers of language and education.

JUNE 2022 UnknownPP
978-1-119-80152-8 PB \$44.95 (Japan)
Applied Linguistics

Russian For Dummies

3rd Edition

ALAN KAUFMAN & SERAFIMA GETTYS

University of Georgia; Lewis University, Romeoville, IL

Privyet! Explore the Russian language with this fantastic beginner's guide

With over 260 million speakers around the world, Russian remains one of the most popular and marketable languages you can learn. And for those who have no idea where to begin, *Russian For Dummies* is the perfect first step!



In this easy-to-understand resource for Russian language beginners, you'll discover basic grammar and common expressions you might use while shopping, dining out, traveling, or conducting business. You'll also find simplified and generalized conjugation rules and a streamlined approach to grammar based on how you actually understand the language, rather than technical rules and details.

This book offers:

- Supplemental online resources so you can hear how native Russian speakers use the words you're trying to learn
- Guidance on identifying Cyrillic letters from the alphabet used by Russian speakers and writers
- Tons of useful exercise and practice opportunities you can take advantage of to sharpen your skills

Perfect for any newcomer to the Russian language trying to pick up their first few phrases, *Russian For Dummies* is a fantastic first foray into conversational Russian that will have you ordering meals, going shopping, and navigating other day-to-day situations with ease. Дѣлѣ! (That means good luck!)

JUNE 2022 UnknownPP
978-1-119-86860-6 PB \$24.99 (Japan)
RUSSIAN GRAMMARS & DICTIONARIES

Latin For Dummies

2nd Edition

CLIFFORD A. HULL & STEVEN R. PERKINS

Master the basics of a lyrical and useful language

Even though most people don't use Latin anymore, it used to be spoken by millions of people from across the ancient world. It later morphed into new languages we still use today!



In *Latin For Dummies*, you'll take a tour through the language of ancient Rome. Beginning with Latin you may already know, like "*carpe diem*" and "*quid pro quo*," the book walks you through essential Latin grammar and everyday Latin phrases. It also explores how Latin shaped and molded modern languages, including English.

In this book, you'll find:

- Lessons to learn Latin grammar and vocabulary
- Practices for reading, translating, and composing Latin
- Tips to recognize commonly confused Latin words

Latin For Dummies proves that learning Latin, while challenging, can be fun and exciting too! It's perfect for first timers interested in the ancient language and anyone who wants to learn more about ancient Roman history and culture.

JUNE 2022 UnknownPP
978-1-119-87479-9 PB \$24.99 (Japan)
OTHER LANGUAGES

Hebrew For Dummies

2nd Edition

JILL SUZANNE JACOBS, CITRUS SPRINGS, UNITED STATES

Discover Hebrew with the world's most straightforward guide to one of the world's most beautiful languages.

Shalom! Are you ready to dive into an ancient-yet-modern and rich language full of nuance? Then open up *Hebrew For Dummies* and get started learning your way around Hebrew by immersing yourself in its sounds and rhythms. You'll start with the basics--like simple grammar and the Hebrew alphabet--before you move onto commonly used phrases and small-talk.

This book gets you used to the more unfamiliar sounds of the Hebrew language--like gutturals--that English speakers aren't used to seeing. It will also help you:

- Recognize what Hebrew has in common with English (and what it doesn't)
- Learn to read from right to left, get a handle on the basics of Hebrew grammar, and pick up your first few phrases
- Discover commonly used expressions that help you get around, shop, eat, and have fun



Complete with online resources that help you pick up Hebrew by listening to real speakers have actual conversations, *Hebrew For Dummies* is the perfect companion to help you work your way towards Hebrew fluency!

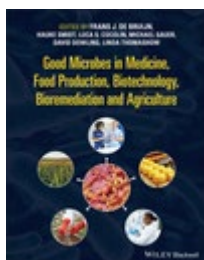
JUNE 2022 416PP
978-1-119-86202-4 PB \$26.99 (Japan)
DICTIONARIES (BILINGUAL)

ライフサイエンス

The Good Microbes in Medicine, Food Production, Biotechnology, Bioremediation, and Agriculture

EDITOR FRANS J. DE BRUIJN, EDITOR HAUKE SMIDT, EDITOR LUCA COCOLIN, EDITOR MICHAEL SAUER, EDITOR DAVID N. DOWLING & EDITOR LINDA THOMASHOW

Discover the positive and helpful contributions made by microorganisms to various areas of human health, food preservation and production, biotechnology, industry, environmental clean up and sustainable agriculture.



In *Good Microbes in Medicine, Food Production, Biotechnology, Bioremediation and Agriculture*, a team of distinguished researchers delivers a comprehensive and eye-opening look at the positive side of bacteria and other microbes. The book explores the important and positive roles played by microorganisms.

Divided into five sections, *Good Microbes* examines the use of microorganisms and the microbiome in human health, food production, industrial use, bioremediation, and sustainable agriculture. Coverage spans from food allergies, skin disorders, microbial food preservation and fermentation of various beverages and food products, also from an ethnical point of view to beneficial use of microbes in biotechnology, industry, bioeconomy, environmental remediation such as resource recovery, microbial-based environmental clean-up, plant-microbe interactions in bioremediation, biological control of plant diseases, and biological nitrogen fixation.

Perfect for scientists, researchers and anyone with an interest in beneficial microbes, *Good Microbes in Medicine, Food Production, Biotechnology, Bioremediation and Agriculture* is also an indispensable resource for microbiology graduate students, applied microbiologists and policy makers.

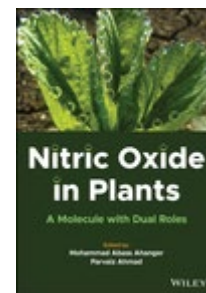
JUNE 2022 656PP
978-1-119-76254-6 CL \$220.00 (Japan)
Applied Microbiology

Nitric Oxide in Plants

A Molecule with Dual Roles

EDITOR MOHAMMAD ABASS AHANGER & EDITOR PARVAIZ AHMAD

Examines the beneficial roles of nitric oxide in growth and stress tolerance regulation through its involvement in tolerance mechanisms



Studies have identified the central role of nitric oxide in stress mitigation through the modulation of physiological and biochemical pathways including germination, photosynthesis regulation, and programmed cell death. *Nitric Oxide in Plants: A Molecule with Dual Roles* provides a detailed account of the physio-biochemical, molecular, and omic basis of NO-mediated responses in crop plants under different stresses.

Summarizing recent work from leading researchers in the field, this up-to-date volume presents the current understanding of the modulation of the endogenous nitric oxide concentration following exogenous treatments and nitric oxide scavengers or inhibitors. The contributors discuss topics such as NO-mediated regulation of growth, photosynthesis, and tolerance mechanisms, the reductive and oxidative pathways of NO synthesis, molecular interventions for enhancing NO synthesis, the role of nitrogen in production of NO, beneficial microbes in NO production under normal and changing environmental conditions, and more.

Nitric Oxide in Plants: A Molecule with Dual Roles is an essential resource for academics, students, and industry professionals studying the role of nitric oxide in environmental stress tolerance and its interaction with key signaling molecules.

JUNE 2022 336PP
978-1-119-80012-5 CL \$200.00 (Japan)
Plant Physiology

文学

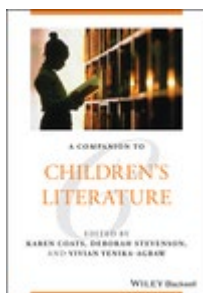
A Companion to Children's Literature

EDITOR KAREN COATS, EDITOR DEBORAH STEVENSON & EDITOR
VIVIAN YENIKA-AGBAW

University of Western Sydney

**A comprehensive and global
exploration of children's literature
criticism**

A Companion to Children's Literature comprises thirty-four insightful essays written by prominent scholars in the field that surface critical debates within children's literature criticism. This collection offers an introduction to and an intervention in the field, providing readers, whether established scholars, emerging scholars, or students, with rich new facets.



This *Companion* includes chapters examining poetry, folklore, fiction, nonfiction, picture books, dramatic performances on stage and screen, and interactive and digital media. The essays range from historical overviews to up-to-the-moment critical theory about English-language books from all over the globe.

Perfect for scholars and students of children's literature, education, and youth librarianship, *A Companion to Children's Literature* will also earn a place in the libraries of early-career scholars and more advanced researchers who are interested in new methodologies and textual forms in the field.

SERIES: BLACKWELL COMPANIONS TO LITERATURE AND
CULTURE

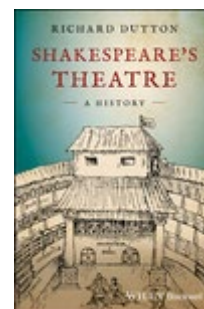
JUNE 2022 496PP
978-1-119-03822-1 CL \$185.00 (Japan)
GENERAL LITERATURE

Shakespeare's Theatre: A History

RICHARD DUTTON

Ohio State University

READERSHIP: This is a reference history survey of Shakespeare's theatre, its origins and its evolution, from the Tudor period through to the death of James I and events leading to the Civil War. It is intended for all those interested in Shakespeare, the Shakespearean stage, the cultural history of the theater in Shakespeare's day, and in Renaissance drama. Written accessibly it will be an invaluable reference for upper level students, postgraduates, faculty, and Shakespeare scholars not expert in theatre history.



The strategy is to publish and market this as we have begun to publish and market the Blackwell History of Literature series, as a hardback initially for the library market, with a view to paperbacking, as we do with companions, for the upper level student market.

We have a great deal of presence in this area now: Shakespeare/Renaissance drama, and literature. So there will be a free marketing ride for this book.

JUNE 2022 496PP
978-1-119-10137-6 PB \$44.95 (Japan)
9781405115131 CL \$203.95 (Japan) Published, March 2018
Shakespeare

数学

Literature

A World History

EDITOR DAVID DAMROSCH, EDITOR EILEEN JULIEN, EDITOR
DJELAL KADIR, EDITOR AS'AD KHAIRALLAH, EDITOR GUNILLA
LINDBERG-WADA, EDITOR TERESA PETTERSON, EDITOR HARISH
TRIVEDI, EDITOR BO UTAS & EDITOR ZHANG LONGXI

Columbia University

A broad exploration of the history of world literature and the many varieties of literary expression



Literature: A World History encompasses all the world's major literary traditions, emphasizing the interrelationship of local and national cultures over time. Spanning global literature from the beginnings of recorded history to the present day, this expansive four-volume set examines the many varieties of the world's literatures in their social and intellectual contexts. Its four volumes are devoted to literature before 200 CE, from 200 to 1500, from 1500 to 1800, and from 1800 to 2000, with four dozen contributors providing new insights into the art of literature and address the situation of literature in the world today.

Organized throughout six broad regions--Africa, the Americas, East Asia, Europe, South and Southeast Asia and Oceania, and West and Central Asia--*Literature: A World History* offers readers a clear and consistent treatment of diverse forms of literary expression across time and place. Throughout the text, particular emphasis is placed on literary institutions within different regional and linguistic cultures and on the relations between literature and a spectrum of social, political, and religious contexts.

Literature: A World History is an invaluable reference work for undergraduate and graduate students as well as scholars looking for a wide-ranging overview of global literary history.

JUNE 2022 1761PP
978-0-470-67190-0 CL \$750.00 (Japan)
Comparative & World Literature

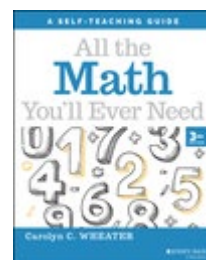
All the Math You'll Ever Need

A Self-Teaching Guide, 3rd Edition

CAROLYN C. WHEATER, NEW YORK & STEVE SLAVIN

Union County College, Cranford, New Jersey

A comprehensive and hands-on guide to crucial math concepts and terminology



In the newly revised third edition of *All the Math You'll Ever Need: A Self-Teaching Guide*, veteran math and computer technology teacher Carolyn Wheeler and veteran mathematics author Steve Slavin deliver a practical and accessible guide to math you can use every day and apply to a wide variety of life tasks. From calculating monthly mortgage payments to the time you'll need to pay off a credit card, this book walks you through the steps to understanding basic math concepts.

This latest edition is updated to reflect recent changes in interest rates, prices, and wages, and incorporates information on the intelligent and efficient use of calculators and mental math techniques. It also offers:

- A brand-new chapter on hands-on statistics to help readers understand common graphs
- An easy-to-use-format that provides an interactive method with frequent questions, problems, and self-tests
- Complete explanations of necessary mathematical concepts that explore not just *how* math works, but also *why* it works

Perfect for anyone seeking to make practical use of essential math concepts and strategies in their day-to-day life, *All the Math You'll Ever Need* is an invaluable addition to the libraries of students who want a bit of extra help applying math in the real world.

SERIES: WILEY SELF-TEACHING GUIDES

JUNE 2022 288PP
978-1-119-71918-2 PB \$25.00 (Japan)
POPULAR INTEREST MATHEMATICS

Practical Algebra

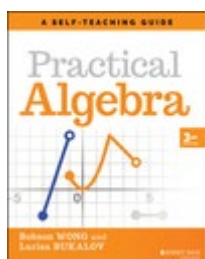
A Self-Teaching Guide, 3rd Edition

BOBSON WONG, LARISA BUKALOV & STEVE SLAVIN

Union County College, Cranford, New Jersey

The most practical, complete, and accessible guide for understanding algebra

If you want to make sense of algebra, check out *Practical Algebra: A Self-Teaching Guide*. Written by two experienced classroom teachers, this Third Edition is completely revised to align with the Common Core Algebra I math standards used in many states. You'll get an overview of solving linear and quadratic equations, using ratios and proportions, decoding word problems, graphing and interpreting functions, modeling the real world with statistics, and other concepts found in today's algebra courses. This book also contains a brief review of pre-algebra topics, including arithmetic and fractions.



Practical Algebra emphasizes making connections to what you already know and what you'll learn in the future. You'll learn to see algebra as a logical and consistent system of ideas and see how it connects to other mathematical topics. This book makes math more accessible by treating it as a language. It has tips for pronouncing and using mathematical notation, a glossary of commonly used terms in algebra, and a glossary of symbols. Along the way, you'll discover how different cultures around the world over thousands of years developed many of the mathematical ideas we use today. Since students nowadays can use a variety of tools to handle complex modeling tasks, this book contains technology tips that apply no matter what device you're using. It also describes strategies for avoiding common mistakes that students make.

SERIES: WILEY SELF-TEACHING GUIDES

JUNE 2022 480PP
978-1-119-71540-5 PB \$25.00 (Japan)
POPULAR INTEREST MATHEMATICS

Quick Calculus

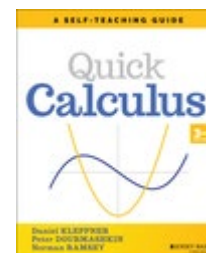
A Self-Teaching Guide, 3rd Edition

DANIEL KLEPPNER, PETER DOURMASHKIN & NORMAN RAMSEY

Massachusetts Institute of Technology; Harvard University

Discover an accessible and easy-to-use guide to calculus fundamentals

In *Quick Calculus: A Self-Teaching Guide, 3rd Edition*, a team of expert MIT educators delivers a hands-on and practical handbook to essential calculus concepts and terms. The author explores calculus techniques and applications, showing readers how to immediately implement the concepts discussed within to help solve real-world problems.



In the book, readers will find:

- An accessible introduction to the basics of differential and integral calculus
- An interactive self-teaching guide that offers frequent questions and practice problems with solutions.
- A format that enables them to monitor their progress and gauge their knowledge

This latest edition provides new sections, rewritten introductions, and worked examples that demonstrate how to apply calculus concepts to problems in physics, health sciences, engineering, statistics, and other core sciences. *Quick Calculus: A Self-Teaching Guide, 3rd Edition* is an invaluable resource for students and lifelong learners hoping to strengthen their foundations in calculus.

SERIES: WILEY SELF-TEACHING GUIDES

JUNE 2022 320PP
978-1-119-74319-4 PB \$25.00 (Japan)
POPULAR INTEREST MATHEMATICS

Mathematics in Computational Science and Engineering

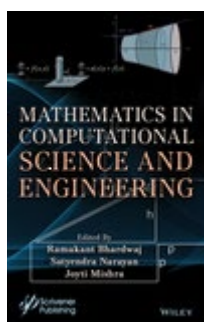
RAMAKANT BHARDWAJ, JYOTI MISHRA, SATYENDRA NARAYAN & SUSEENDRAN GOPALAKRISHNAN

Applied science and engineering is the application of fundamental concepts and knowledge to design, build and maintain a product or a process, which provides a solution to a problem and fulfills a need. This book contains advanced topics in computational techniques across all the major engineering disciplines for undergraduate, postgraduate, doctoral and postdoctoral students.

This will also be found useful for professionals in an industrial setting. It covers the most recent trends and issues in computational techniques and methodologies for applied sciences and engineering, production planning, and manufacturing systems. More importantly, it explores the application of computational techniques and simulations through mathematics in the field of engineering and the sciences.

Whether for the veteran engineer, scientist, student, or other industry professional, this volume is a must-have for any library. Useful across all engineering disciplines, it is a multifunctional tool that can be put to use immediately in practical applications.

JUNE 2022 UnknownPP
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Applied Mathematics



Calculus Early Transcendentals

12th Edition, International Adaptation

HOWARD ANTON, IRL C. BIVENS & STEPHEN DAVIS

Drexel University; Davidson College; Davidson College

JUNE 2022 1152PP
978-1-119-82048-2 PB \$66.99 (Japan)
Calculus

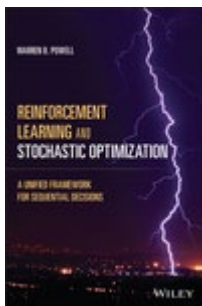
Reinforcement Learning and Stochastic Optimization

A Unified Framework for Sequential Decisions

WARREN B. POWELL

Princeton University (NJ)

Reinforcement Learning and Stochastic Optimization: A unified framework for sequential decisions offers a single canonical framework that can model *any* sequential decision problem using five core components: state variables, decision variables, exogenous information variables, transition function, and objective function. It highlights twelve types of uncertainty that might enter any model. It then pulls together the diverse set of methods for making decisions, known as policies, into four fundamental classes that span every method suggested in the academic literature or used in practice.



Reinforcement Learning and Stochastic Optimization is the first book to provide a balanced treatment of the different methods for modeling and solving sequential decision problems, following the style used by most books on machine learning, optimization, and simulation. The presentation is designed for readers with a course in probability and statistics and an interest in modeling and applications. Linear programming is occasionally used for specific problem classes. The book is designed for readers who are new to the field, as well as those with some background in optimization under uncertainty. Readers will find references to over 100 different applications, spanning pure learning problems, dynamic resource allocation problems, general state-dependent problems, and hybrid learning/resource allocation problems such as those that arose in the COVID pandemic. There are 370 exercises, organized into seven groups, ranging from review questions, modeling, computation, problem solving, theory, programming exercises and a "diary problem" that a reader chooses at the beginning of the book, and which is used as a basis for questions throughout the rest of the book.

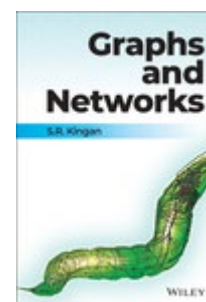
JUNE 2022 1136PP
978-1-119-81503-7 CL \$145.00 (Japan)
Optimization

Graphs and Networks

S. R. KINGAN

Brooklyn College (CUNY)

A unique blend of graph theory and network science for mathematicians and data science professionals alike.



Featuring topics such as minors, connectomes, trees, distance, spectral graph -theory, similarity, centrality, small-world networks, scale-free networks, graph algorithms, Eulerian circuits, Hamiltonian cycles, coloring, higher connectivity, planar graphs, flows, matchings, and coverings, *Graphs and Networks* contains modern applications for graph theorists and a host of useful theorems for network scientists.

The book begins with applications to biology and the social and political sciences and gradually takes a more theoretical direction toward graph structure theory and combinatorial optimization. A background in linear algebra, probability, and statistics provides the proper frame of reference.

Graphs and Networks also features:

- Applications to neuroscience, climate science, and the social and political sciences
- A research outlook integrated directly into the narrative with ideas for students interested in pursuing research projects at all levels
- A large selection of primary and secondary sources for further reading
- Historical notes that hint at the passion and excitement behind the discoveries
- Practice problems that reinforce the concepts and encourage further investigation and independent work

JUNE 2022 288PP
978-1-118-93718-1 CL \$100.95 (Japan)
Graph Theory

メディカル・サイエンス

Interventional Cardiology

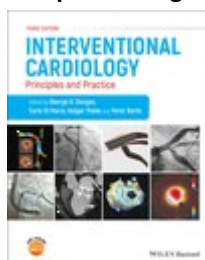
Principles and Practice, 3rd Edition

EDITOR GEORGE D. DANGAS, EDITOR CARLO DI MARIO, EDITOR
HERBERT THIELE & EDITOR PETER BARLIS

Icahn School of Medicine at Mount Sinai, New York, NY, USA;
University of Florence, Firenze, Italy; Bremen, Germany;
University of Melbourne, Australia

**The updated guide to understanding and implementing
today's interventional cardiology
procedures**

Minimally invasive methods of cardiovascular intervention are developing apace, propelled by unprecedented advancements in technology and procedural expertise. Bearing exciting implications for a broad range of adjacent fields of surgery and patient care, these innovative techniques are of ever-increasing importance, not only within cardiology, but across medicine as a whole.



This third edition of *Interventional Cardiology* is designed to equip practitioners of all levels with a working knowledge of today's best and most up-to-date practices, as well as the fundamental principles that underlie their use. Expertly revised to span coronary interventions, interventional pharmacology, structural heart interventions, endovascular therapy, and more, its modular sections are accompanied by multiple-choice questions to help aid learning and self-assessment.

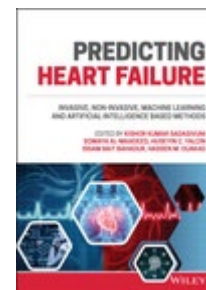
Whether studying for certification or already working in advanced practice, medical professionals of all kinds will benefit greatly from the practical instruction and cutting-edge knowledge found within this vital third edition.

JUNE 2022 896PP
978-1-119-69734-3 CL \$295.00 (Japan)
INTERVENTIONAL CARDIOLOGY

Predicting Heart Failure

Invasive, Non-Invasive, Machine Learning and Artificial Intelligence Based Methods

Our knowledge of human biology especially related to the heart, increases every day. This makes it nearly impossible for physicians to stay current on the latest research in their fields, let alone in all of the others that directly affect their ability to treat their patients properly. *Predicting Heart Failure: Invasive, Non-Invasive, Machine Learning and Artificial Intelligence Based Methods* focuses on the mechanics and symptoms of heart failure and various approaches, including conventional and modern techniques to diagnose it. Moreover, it book provides a detailed presentation of the latest research data for preventing and treating heart failure.



In this book, thirteen chapters address different conditions related to the heart, with detailed descriptions of each. The first chapter discusses invasive, non-invasive, machine learning, and artificial intelligence-based methods for predicting heart failure. Additionally, this chapter discusses heart failure causes, symptoms, and treatment, as well as research related to heart failure. In the second chapter, we examine the traditional methods of predicting heart diseases and implementing artificial intelligence technology to predict heart diseases accurately.

Predicting Heart Failure: Invasive, Non-Invasive, Machine Learning and Artificial Intelligence Based Methods provides a comprehensive but concise guide to all modern cardiological practice, emphasizing practical clinical management in many different contexts. This book provides readers with trustworthy insights into all aspects of heart failure, including essential background information on clinical practice guidelines, in-depth, peer-reviewed articles, and broad coverage of this fast-moving field. Providing the latest research data for the diagnosis and treatment of heart failure, this book is an excellent resource for nurses, nurse practitioners, physician assistants, medical students, and general practitioners to gain a better understanding of bedside cardiology.

JUNE 2022 400PP
978-1-119-81301-9 CL \$185.00 (Japan)
Interventional Cardiology

Diagnostic Dermoscopy

The Illustrated Guide, 2nd Edition

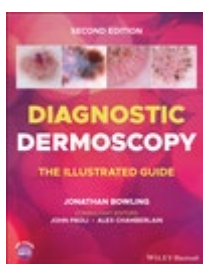
EDITOR JONATHAN BOWLING, CONSULTING EDITOR JOHN PAOLI &
CONSULTING EDITOR ALEX CHAMBERLAIN

University of Oxford, UK

Diagnostic Dermoscopy delivers a focused, practical and user-friendly guide to diagnosing the most frequently seen presentations of skin lesions practitioners encounter in clinic. The new edition offers a comprehensive collection of strategies to find and diagnose skin cancers at an earlier point in their evolution, and to increase confidence in diagnosing benign lesions to reduce both patient morbidity and mortality.

The many full-colour illustrations included within are standardised to aid in recognition, while the adjoining dermoscopy images focus on critical diagnostic features which, when combined with the provided clinical information, are sufficient for specific diagnoses or narrow differential diagnoses. The new edition is formatted to aid teledermoscopy education, including many illustrated cases for reference.

Diagnostic Dermoscopy is the ideal resource for dermatologists, primary care physicians, plastic surgeons and allied health practitioners involved in skin lesion and melanoma diagnosis.



JUNE 2022 352PP
978-1-118-93048-9 PB \$100.00 (Japan)
DERMATOLOGY

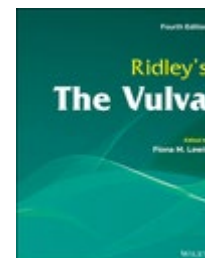
Ridley's The Vulva

4th Edition

EDITOR FIONA LEWIS

The leading guide to vulval diseases

The newly updated Fourth Edition of *Ridley's The Vulva* delivers a practical guide to diagnosing and treating common and uncommon conditions affecting the vulva. The book bridges across the different specialties involved in the study of vulval diseases, offering full colour pictures, a companion website, and a digital companion text.



This newest edition provides the most up-to-date guidance on the diagnosis and management of vulval diseases, with extensively revised chapters and brand-new material on paediatric vulval disease, female genital mutilation, and psychological interventions. Finally, a variety of new clinical and histological images are included. The book also provides:

- A thorough introduction to the basics of vulval disease, including vulval embryology and anatomy, normal vulval microbiology and physiology, and the principles of medical treatment
- Comprehensive summaries of vulval infections, including herpes simplex, HPV, candidiasis, and ectoparasite infections
- Practical discussions of all vulval dermatoses, including genetic conditions, and signs of associated systemic disease
- In-depth information on vulvodynia
- Discussion of benign, pre-malignant and malignant lesions

Perfect for dermatology, gynecology, pathology, paediatrics, genito-urinary and urology consultants and trainees, *Ridley's The Vulva* will also earn a place in the libraries of general practitioners and specialist nurses.

JUNE 2022 432PP
978-1-119-75511-1 CL \$315.00 (Japan)
DERMATOLOGY

Surgical Critical Care and Emergency Surgery

Clinical Questions and Answers, 3rd Edition

EDITOR FORREST "DELL" MOORE, EDITOR PETER RHEE & EDITOR CARLOS J. RODRIGUEZ

St. Joseph's Hospital and Medical Center, Arizona; University of Arizona

In this newly revised edition of *Surgical Critical Care and Emergency Surgery*, a distinguished team of emergency surgeons deliver a one-of-a-kind question-and-answer book on the growing specialty of surgical critical care and acute surgery, ideal for those caring for the critically ill and injured surgical patient.



This book reviews surgical critical care, emergency surgery, burns and trauma, and includes full color, high-quality surgical photographs to aid understanding. Readers will also benefit from access to a website that offers additional topics and tests, as well as an archive of all test questions and answers from previous editions.

The authors' focus throughout is on the unique problems and complexity of illnesses of the critically ill and injured surgical patient, and the specialist daily care that such patients require.

Perfect for the acute care surgeon, surgical intensivist and those in training, *Surgical Critical Care and Emergency Surgery* will also earn a place in the libraries of those working in or with an interest in critical care.

JUNE 2022 544PP
978-1-119-75675-0 PB \$99.95 (Japan)
INTENSIVE / CRITICAL CARE

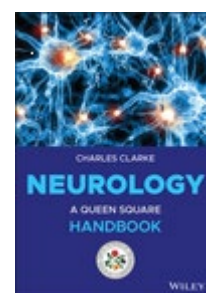
Neurology

A Queen Square Handbook

CHARLES CLARKE

National Hospital For Neurology and Neurosurgery, University College Hospitals, London

Neurology: A Queen Square Handbook is a practical text, for both neurologists and general physicians, in the wards, the office or at home. This book spans the breadth of neurology and its challenges, for those who require a rapid resource in accessible language.



The *Handbook* is also aimed at those considering entering neurology, neurophysiology and neurorehabilitation and for medical trainees and consultants in many specialities. It is an invaluable source for the MRCP, a ready-made reference for clinical practice and for the specialist nurse and therapist.

The book deals with essentials - of neuroanatomy, clinical examination, mechanisms of neurological disease and the major issues of dementia and stroke in an ageing population. More specific aspects of neurology are also addressed, including the specialist fields of nerve and muscle disease, the spinal cord, headache and the cranial nerves, infection in the nervous system, MS and sleep disorders. The allied disciplines of neurorehabilitation, neuropsychiatry, neuro-oncology, uro-neurology, neuro-otology and neuro-ophthalmology are also covered.

The aim is to provide both an introduction and a summary - of general neurological practice and the specialist aspects of neurology and neuroscience.

JUNE 2022 480PP
978-1-119-23572-9 PB \$80.00 (Japan)
Neurology

機械工学

Engineering Design Graphics

Sketching, Modeling, and Visualization

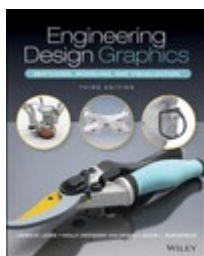
3rd Edition

JAMES LEAKE

University of Illinois

The most accessible and practical roadmap to visualizing engineering projects

In the newly revised Third Edition of *Engineering Design Graphics: Sketching, Modeling, and Visualization*, renowned engineering graphics expert James Leake delivers an intuitive and accessible guide to bringing engineering concepts and projects to visual life. Including updated coverage of everything from freehand sketching to solid modeling in CAD, the author comprehensively discusses the tools and skills you'll need to sketch, draw, model, document, design, manufacture, or simulate a project.



JUNE 2022 UnknownPP
978-1-119-49043-2 PB \$75.95 (Japan)
MECHANICAL ENGINEERING - DESIGN

Heat Transfer

Evolution, Design and Performance

ADRIAN BEJAN

University of Colorado, Boulder

Provides authoritative coverage of the fundamentals of heat transfer, written by one of the most cited authors in all of Engineering



Heat Transfer presents the fundamentals of the generation, use, conversion, and exchange of heat between physical systems. A pioneer in establishing heat transfer as a pillar of the modern thermal sciences, Professor Adrian Bejan presents the fundamental concepts and problem-solving methods of the discipline, predicts the evolution of heat transfer configurations, the principles of thermodynamics, and more.

Building upon his classic 1993 book *Heat Transfer*, the author maintains his straightforward scientific approach to teaching essential developments such as Fourier conduction, fins, boundary layer theory, duct flow, scale analysis, and the structure of turbulence. In this new volume, Bejan explores topics and research developments that have emerged during the past decade, including the designing of convective flow and heat and mass transfer, the crucial relationship between configuration and performance, and new populations of configurations such as tapered ducts, plates with multi-scale features, and dendritic fins.

Heat Transfer: Evolution, Design and Performance is essential reading for undergraduate and graduate students in mechanical and chemical engineering, and for all engineers, physicists, biologists, and earth scientists.

JUNE 2022 608PP
978-1-119-46740-3 CL \$119.95 (Japan)
Thermodynamics

Introduction to Reliability Engineering

3rd Edition

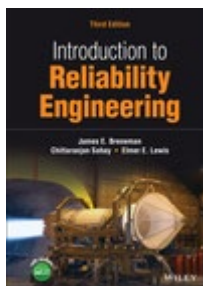
ELMER E. LEWIS, CHITTARANJAN SAHAY & JAMES E. BRENNEMAN

Introduction to Reliability Engineering provides a thorough and well-balanced overview of the fundamental aspects of reliability engineering and describes the role of probability and statistical analysis in predicting and evaluating reliability in a range of engineering applications. Covering both foundational theory and real-world practice, this classic textbook helps students of any engineering discipline understand key probability concepts, random variables and their use in reliability, Weibull analysis, system safety analysis, reliability and environmental stress testing, redundancy, failure interactions, and more.

Extensively revised to meet the needs of today's students, the third edition fully reflects current industrial practices and provides a wealth of new examples and problems that now require the use of statistical software for both simulation and analysis of data. A brand-new chapter examines Failure Modes and Effects Analysis (FMEA), and a greatly expanded chapter on Reliability Testing, while new and expanded sections cover topics such as applied probability, probability plotting with software, the Monte Carlo simulation, and reliability and safety risk. Throughout the text, increased emphasis is placed on the Weibull distribution and its use in reliability engineering.

Introduction to Reliability Engineering, Third Edition remains the perfect textbook for both advanced undergraduate and graduate students in all areas of engineering and manufacturing technology.

JUNE 2022 656PP
978-1-119-64056-1 CL \$140.00 (Japan)
FAILURE FRACTURE



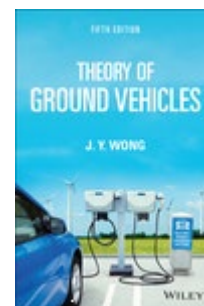
Theory of Ground Vehicles

5th Edition

J. Y. WONG

Carleton University, Ontario

Theory of Ground Vehicles, Fifth Edition has been comprehensively updated to present recent advances in technology of road and off-road vehicles, and in methodology for analysis of ground vehicle dynamics. The technical data from previous editions has been updated, including data on fuel (energy) consumption and exhaust emission of cars and sport utility vehicles, with internal combustion engines, autarkic and plug-in hybrid electric drives, or battery-electric drives. Driving automation and technologies associated with various levels of driving automation is also now covered. *Theory of Ground Vehicles Fifth Edition* provides a foundation of engineering principles for analysis of performance, handling, and ride of both road and off-road vehicles in a single volume. Applications are provided throughout, and new and updated examples and problems are included. A solutions manual will be available on a companion website.



JUNE 2022 624PP
978-1-119-71970-0 CL \$150.00 (Japan)
AUTOMOTIVE ENGINEERING

材料科学

Product Development

An Engineer's Guide to Business Considerations,
Real-World Product Testing, and Launch

DAVID V. TENNANT

Product Development: An Engineering and Business Approach is designed to help engineers broaden their business skills and help other business stakeholders gain a better understanding of the engineering aspects of product development. The first half of the book introduces the roles of the engineering, marketing, and finance departments in product development while the second half takes a detailed look at each stage of product development, including: product initiation, budgeting, and R&D; product design, ergonomic, and manufacturing considerations; and product testing, market launch, and post-development product review. Each stage is presented in the format of a hand-ons tutorial and is accompanied by case studies, team exercises, and Q&As. Written by an experienced engineering consultant and practitioner, Product Development: An Engineering and Business Approach will enable engineers to approach product development through the lens of the interdisciplinary, inter-department coordination that is needed to successfully bring a new product to market.



JUNE 2022 240PP
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Mechanical Engineering Special Topics

Fundamentals of Materials Science and Engineering

An Integrated Approach, 6th Edition, International
Adaptation

WILLIAM D. CALLISTER JR. & DAVID G. RETHWISCH

University of Utah; University of Iowa

JUNE 2022 UnknownPP
978-1-119-82054-3 PB \$57.99 (Japan)
General & Introductory Materials Science

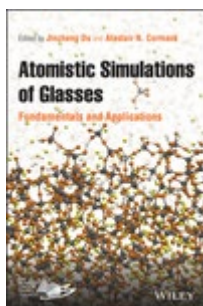
Atomistic Simulations of Glasses

Fundamentals and Applications

JINCHENG DU & ALASTAIR CORMACK

A complete reference to computer simulations of inorganic glass materials

In *Atomistic Simulations of Glasses: Fundamentals and Applications*, a team of distinguished researchers and active practitioners delivers a comprehensive review of the fundamentals and practical applications of atomistic simulations of inorganic glasses. The book offers concise discussions of classical, first principles, Monte Carlo, and other simulation methods, together with structural analysis techniques and property calculation methods for the models of glass generated from these atomistic simulations, before moving on to practical examples of the application of atomistic simulations in the research of several glass systems.



The authors describe simulations of silica, silicate, aluminosilicate, borosilicate, phosphate, halide and oxyhalide glasses with up-to-date information and explore the challenges faced by researchers when dealing with these systems. Both classical and ab initio methods are examined and comparison with experimental structural and property data provided. Simulations of glass surfaces and surface-water reactions are also covered.

Atomistic Simulations of Glasses includes multiple case studies and addresses a variety of applications of simulation, from elucidating the structure and properties of glasses for optical, electronic, architecture applications to high technology fields such as flat panel displays, nuclear waste disposal, and biomedicine.

Perfect for glass, ceramic, and materials scientists and engineers, as well as physical, inorganic, and computational chemists, *Atomistic Simulations of Glasses: Fundamentals and Applications* is also an ideal resource for condensed matter and solid-state physicists, mechanical and civil engineers, and those working with bioactive glasses. Graduate students, postdocs, senior undergraduate students, and others who intend to enter the field of simulations of glasses would also find the book highly valuable.

JUNE 2022 528PP
978-1-118-93906-2 CL \$195.00 (Japan)
Ceramics

Flexible Supercapacitors

Fundamentals and Applications

GUOZHEN SHEN, ZHENG LOU & DI CHEN

Comprehensive coverage of the latest advancements in flexible supercapacitors

In *Flexible Supercapacitors: Fundamentals and Applications*, a team of distinguished researchers delivers a comprehensive and insightful exploration of the foundational principles and real-world applications of flexible supercapacitors. This edited volume includes contributions from leading scientists working in the field of flexible supercapacitors.



The book systematically summarizes the most recent research in the area, and covers fundamental concepts of electrode materials and devices, including on-chip microsupercapacitors and fiber supercapacitors. The latest progress and advancements in stretchable supercapacitors and healable supercapacitors are also discussed, as are problems and challenges commonly encountered in the development of flexible supercapacitors. The book concludes with suggestions and fresh perspectives on future research in this rapidly developing field.

Perfect for researchers in the fields of materials science, physics, and electrical engineering, *Flexible Supercapacitors: Fundamentals and Applications* is also an ideal reference for developers interested in supercapacitor design, materials, and devices.

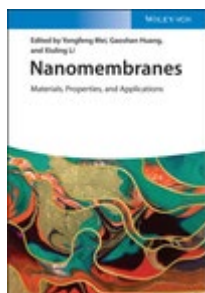
JUNE 2022 336PP
978-1-119-50616-4 CL \$195.00 (Japan)
Electronic Materials

Nanomembranes

Materials, Properties, and Applications

EDITOR YONGFENG MEI, EDITOR GAOSHAN HUANG & EDITOR XIULING LI

The book provides a comprehensive overview of nanomembranes research from materials, properties to applications, including two-dimensional structures and three-dimensional architectures. It introduces fabrication processes of nanomembrane materials such as semiconductors, metals, polymers and composites, and discusses their properties. It presents applications of nanomembranes in a wide variety of fields such as nano-robotics, electronics, optics, photonics and nanomechanics.



JUNE 2022 350PP
978-3-527-34446-8 CL \$175.00 (Japan)
Electronic Materials

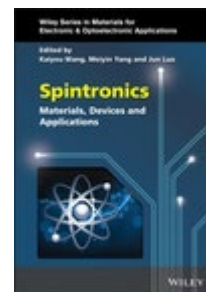
Spintronics

Materials, Devices, and Applications

EDITOR KAIYOU WANG, EDITOR MEIYIN YANG & EDITOR JUN LUO

Discover the latest advances in spintronic materials, devices, and applications

In *Spintronics: Materials, Devices and Applications*, a team of distinguished researchers delivers a holistic introduction to spintronic effects within cutting-edge materials and applications. Containing the perfect balance of academic research and practical application, the book discusses the potential--and the key limitations and challenges--of spintronic devices.



The latest entry in the Wiley Series in Materials for Electronic and Optoelectronic Applications, *Spintronics: Materials, Devices and Applications* explores giant magneto-resistance (GMR) and tunneling magnetic resistance (TMR) materials, spin-transfer torque and spin-orbit torque materials, spin oscillators, and spin materials for use in artificial neural networks. Applications in multi-ferroelectric and antiferromagnetic materials are presented as well.

Perfect for advanced students and researchers in materials science, physics, electronics, and computer science, *Spintronics: Materials, Devices and Applications* will also earn a place in the libraries of professionals working in the manufacture of optics, photonics, and nanometrology equipment.

SERIES: WILEY SERIES IN MATERIALS FOR ELECTRONIC & OPTOELECTRONIC APPLICATIONS

JUNE 2022 324PP
978-1-119-69897-5 CL \$155.00 (Japan)
Electronic Materials

Photoconductivity and Photoconductive Materials, 2 Volume Set

EDITOR SAFA KASAP, SERIES EDITOR ARTHUR WILLOUGHBY & SERIES EDITOR PETER CAPPER

University of Saskatchewan; University of Southampton; BAE Systems Ltd, UK

Explore an authoritative resource with coverage of foundational concepts of photoconductivity and photoconductive materials

In *Photoconductivity and Photoconductive Materials*, Professor Kasap delivers a definitive guide to the basic principles of photoconductivity and a selection of present topical photoconductive materials. Divided into two parts, the set begins with basic concepts and definitions and coverage of characterization using steady state, transient and modulated photoconductivity techniques, including the novel charge extraction by linearly increasing voltage (CELIV) method. The physics of terahertz photoconductivity and fundamentals of organic semiconductors are also covered.

Part Two of the set starts with a comprehensive review of a wide range of photoconductive materials and then focuses on some of the most important photoconductors, including hydrogenated amorphous silicon, cadmium mercury telluride, various x-ray photoconductors, diamond films, metal halide perovskites, nanowires and quantum dots. Photoconductive antenna application is also included.

Perfect for research physicists, materials scientists, and electrical engineers, *Photoconductivity and Photoconductive Materials* is also an indispensable resource for postgraduate and senior undergraduate students working in the area of optoelectronic materials, as well as researchers working in industry.

SERIES: WILEY SERIES IN MATERIALS FOR ELECTRONIC & OPTOELECTRONIC APPLICATIONS

JUNE 2022 896PP
978-1-119-57911-3 CL \$400.00 (Japan)
Optical and Non-Linear Optical Materials



Physics, Optics, and Spectroscopy of Materials

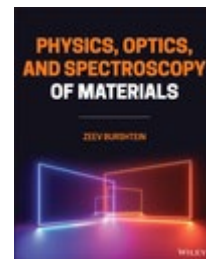
ZEEV BURSHTEN

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, frequency 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.



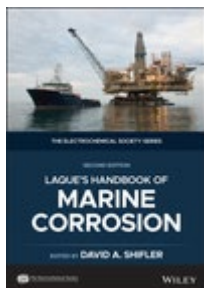
JUNE 2022 544PP
978-1-119-76873-9 CL \$185.00 (Japan)
Optical and Non-Linear Optical Materials

La Que's Handbook on Marine Corrosion

2nd Edition

EDITOR DAVID A. SHIFLER

Extensively updated throughout, the second edition of *La Que's Handbook of Marine Corrosion* remains the standard single-source reference on the unique nature of seawater as a corrosive environment. Designed to help readers reduce operational and life cycle costs for materials in marine environments, this authoritative resource provides clear guidance on design, materials selection, and implementation of corrosion control engineering practices for materials in atmospheric, immersion, or wetted marine environments.



Completely rewritten for the 21st century, this new edition reflects current environmental regulations, best practices, materials, and processes, with special emphasis placed on the engineering, behavior, and practical applications of materials. Divided into three parts, the book first explains the fundamentals of corrosion in marine environments, including atmospheric corrosion, erosion, microbiological corrosion, fatigue, environmental cracking, and cathodic delamination. The second part discusses corrosion control methods and materials selection that can mitigate or eliminate corrosion in different marine environments. The third section provides the reader with specific applications of corrosion engineering to structures, systems, or components that exist in marine environments.

Written in a clear and understandable style, *La Que's Handbook of Marine Corrosion, Second Edition* is an indispensable resource for engineers and materials scientists in disciplines spanning the naval, maritime, commercial, shipping industries, particularly corrosion engineers, ship designers, naval architects, marine engineers, oceanographers, and other professionals involved with products that operate in marine environments.

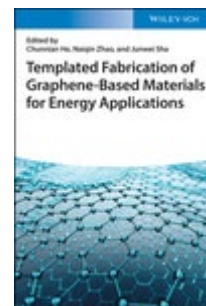
SERIES: THE ECS SERIES OF TEXTS AND MONOGRAPHS

JUNE 2022 768PP
978-1-119-78883-6 CL \$245.00 (Japan)
CORROSION

Graphene-Based Materials Fabricated by Template-Assisted Methods

CHUNNIAN HE, NAIQIN ZHAO & JUNWEI SHA

The book focuses on graphene and their composites fabricated by template-assisted methods. It discusses the fabrication methods using various metals and salts as templates. Moreover, special attention is given to their energy applications, such as lithium-ion batteries, sodium-ion batteries, lithium-sulfur batteries, supercapacitors and electrocatalysis.



JUNE 2022 300PP
978-3-527-34600-4 CL \$165.00 (Japan)
Carbon Materials

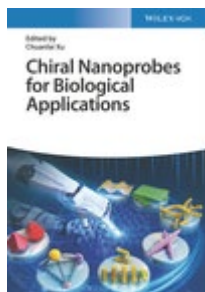
ナノテクノロジー

Chiral Nanoprobes for Biological Applications

EDITOR CHUANLAI XU

A comprehensive overview exploring the biological applications of chiral nanomaterials

Chirality has been the centerpiece of many multidisciplinary fields within the broader umbrella of the sciences. Recent advancements in nanoscience have spurred a growing interest in the dynamic field of chiral nanomaterials. In particular, the recent breakthroughs in chiral nanocrystals have presented an intriguing avenue whose potential application may address some key issues at the heart of nanosciences. While little attention has been focused on the biological implications of such advances, this arena is attracting theoretical and applicative interests.



Seeking to provide a thorough introduction to the field as well as fill this gap in scholarship, *Chiral Nanoprobes for Biological Applications* first provides a comprehensive review of the state-of-the-art development of strong chiroptical nanomaterials, describing how a synthesis and self-assembly approach can enable one to design and create a number of functional chiral nanomaterials. From there, the authors discuss the biological applications of chiral nanomaterials, such as extracellular bioanalysis, intracellular bioanalysis, and chiral recognition, as well as photothermal and photodynamics therapy. In doing so, the book seeks emphasize the potential in multidisciplinary approaches to this up-and-coming field.

Chiral Nanoprobes for Biological Applications is a useful reference for materials scientists, biochemists, protein chemists, stereo chemists, polymer chemists, and physical chemists. It is also a useful tool for libraries.

JUNE 2022 320PP
978-3-527-34942-5 CL \$181.05 (Japan)
Nanochemistry

ナーシング

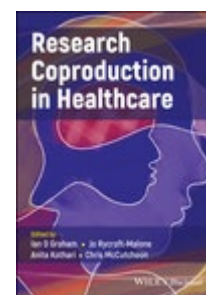
Research Coproduction in Healthcare

EDITOR IAN D. GRAHAM, EDITOR JO RYCROFT-MALONE, EDITOR ANITA KOTHARI & EDITOR CHRIS MCCUTCHEON

University of Ottawa, Canada; Bangor University

A ground-breaking and rigorous presentation of coproduction in research

In *Research Coproduction in Healthcare*, a team of experienced applied health researchers and decision makers deliver a robust exploration of collaborative ways on how to plan and conduct healthcare research. The book explores relational skills that are essential to achieving successful coproduction, including trust through humility, ongoing communication, emotional intelligence, and the structures and processes required to work with a range of knowledge users. It also sets out the fundamentals of research coproduction and its transformative potential for more effective and efficient health systems and improved health outcomes.



Readers will also find:

- A thorough introduction to the planning, implementation and evaluation of research coproduction, including how to write a successful research coproduction proposal
- Comprehensive explorations of capacity-building and infrastructure requirements
- Practical discussions of the theory of coproduction, including treatments of power and tokenism
- In-depth reflections on the essential building blocks of research coproduction

Perfect for researchers, knowledge users, funders, trainees and organizations, *Research Coproduction in Healthcare* will also earn a place in the libraries of coproduction teams, policymakers, clinicians, and health system managers.

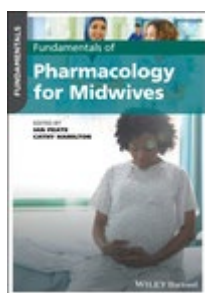
JUNE 2022 276PP
978-1-119-75723-8 PB \$65.00 (Japan)
Nursing Research

Fundamentals of Pharmacology for Midwives

EDITOR IAN PEATE, GIBRALTAR & EDITOR CATHY HAMILTON

University of Hertfordshire, UK; University of Hertfordshire, Hertfordshire, UK

Fundamentals of Pharmacology for Midwives provides the reader with a fundamental understanding of the essentials of pharmacology associated with childbearing women, improving safety and care outcomes whilst ensuring the comfort of the mother. It is essential that midwifery students have a knowledge and an understanding of pharmacology, along with an ability to recognise the positive and opposing effects of medicines from conception to birth—including allergies and drug sensitivities, side effects and adverse reactions, contraindications and errors in prescribing, and more.



- Written with the latest NMC Standards of Proficiency for Registered Midwives (NMC 2019) in mind
- Each chapter includes test your prior knowledge' questions, learning outcomes, and skills in practice boxes that encourage the reader to apply the theory to everyday practice
- Includes companion website for the book at www.wiley.com/go/pharmacologyformidwives that contains multiple-choice questions and other self-test material designed to enhance learning

Fundamentals of Pharmacology for Midwives provides a useful reference for those studying to be midwives and support clinicians in those fields, and to help them become safe and accountable practitioners, while offering competent and confident women-centred care.

SERIES: FUNDAMENTALS

JUNE 2022 372PP
978-1-119-64923-6 PB \$50.95 (Japan)
Midwifery

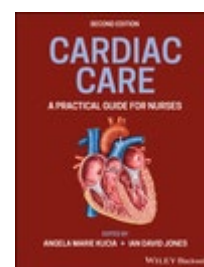
Acute Cardiac Care

A Practical Guide for Nurses, 2nd Edition

ANGELA KUCIA & IAN JONES, UNITED KINGDOM

Department of Cardiology, The Lyell McEwin Hospital ; School of Nursing, University of Salford

In the newly revised Second Edition of *Cardiac Care: A Practical Guide for Nurses*, a team of dedicated and widely recognised nursing medical experts from around the world delivers an invaluable and practical guide for nurses who practice in cardiac care environments.



This latest edition includes brand-new chapters on structural heart disease, Takotsubo syndrome, and non-obstructive coronary artery disease. While also covering the essential topics necessary for the proper provision of cardiac care, this practical guide for nurses provides:

- A thorough introduction to cardiac practice, including the mechanics of the cardiovascular systems and the regulation of cardiac and vascular function
- Comprehensive explorations of cardiovascular disease assessment, including risk factors for cardiovascular disease, laboratory tests, and diagnostic procedures
- Practical discussions of the detection and management of heart rhythm disturbances, including ECG interpretation, cardiac monitoring, and arrhythmias
- In-depth examinations of the detection and management of acute coronary syndromes, including chest pain assessment and discharge planning
- Chapter overviews, key concepts, learning objectives and activities, with critical points intermingled throughout

Perfect for practicing nurses who care for patients with cardiac conditions, *Cardiac Care: A Practical Guide for Nurses* will also earn a place in the libraries of other allied health professionals in cardiac care settings.

JUNE 2022 344PP
978-1-119-11778-0 PB \$64.95 (Japan)
CARDIOLOGY NURSING

物理学

Physics I For Dummies

3rd Edition

STEVEN HOLZNER, ITHACA, UNITED STATES

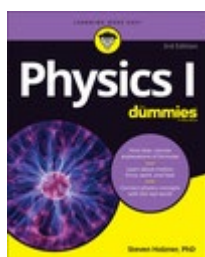
MIT - Massachusetts Institute of Technology and Cornell University

An easy-to-follow guide to introductory physics, from the Big Bang to relativity

All science, technology, engineering, and math majors in college and university require some familiarity with physics. Other career paths, like medicine, are also only open to students who understand this fundamental science. But don't worry if you find physics to be intimidating or confusing. You just need the right guide!

In *Physics I For Dummies*, you'll find a roadmap to physics success that walks you through every major topic in introductory physics, including motion, energy, waves, thermodynamics, electromagnetism, relativity, and more. You'll learn the basic principles and math formulas of physics through clear and straightforward examples and instruction, and without unnecessary jargon or complicated theory.

Physics I For Dummies is proof that physics can fun, accessible, challenging, and rewarding, all at the same time! Whether you're a high school or undergraduate student looking for a leg-up on basic physics concepts or you're just interested in how our universe works, this book will help you understand the thermodynamic, electromagnetic, relativistic, and everything in between.



JUNE 2022 400PP
978-1-119-87222-1 PB \$24.99 (Japan)
POPULAR INTEREST PHYSICS

Collinear Holography

Devices, Materials, Data Storage

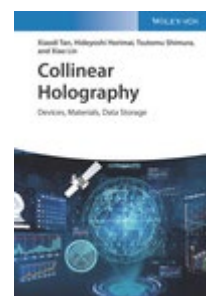
XIAODI TAN, HIDEYOSHI HORIMAI, TSUTOMU SHIMURA & XIAO LIN

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.

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.



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

哲学

Institution

ROBERTO ESPOSITO & TRANSLATED BY ZAKIYA HANAFI

University of Naples

READERSHIP: Graduate students and academics in philosophy, literary studies, cultural studies.



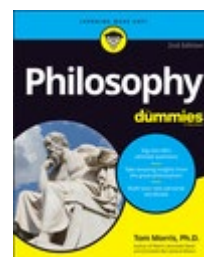
JUNE 2022 160PP
 978-1-5095-5155-2 CL \$64.95 (Japan)
 978-1-5095-5156-9 PB \$19.95 (Japan)
 General Philosophy

Philosophy For Dummies

2nd Edition

TOM MORRIS, WILMINGTON, UNITED STATES

You think, therefore you are. Get a straightforward rundown on philosophy from the ancient world to today



If you've ever pondered your existence over your morning coffee or considered the nature of crime and punishment, you're an amateur philosopher. From everyday questions about happiness and responsibility to deep, spiritual examinations about God and the cosmos, philosophy pervades every part of our lives. And even though it might seem complex at first glance, these questions that affect everyone on the planet can be understood and talked about by anyone!

In *Philosophy For Dummies*, Dr. Tom Morris delivers a refreshing and engaging exploration of the fundamentals of philosophy and shows you that philosophy can be fascinating and fun at the same time. You'll be introduced to topics like the meaning of life, religious belief, and ways to live in the most satisfying ways. You'll also learn about the insights of some of history's greatest philosophers.

Whether you're interested in the nature of the mind/soul versus the body, or you want to learn more about morals and ethics, *Philosophy For Dummies* will be your personal guide to some of life's most enduring problems and questions.

JUNE 2022 UnknownPP
 978-1-119-87567-3 PB \$24.99 (Japan)
 GENERAL PHILOSOPHY

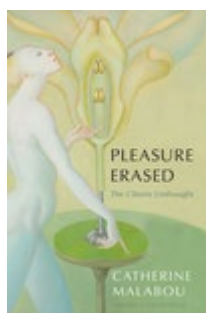
Pleasure Erased

The Clitoris Unthought

CATHERINE MALABOU & TRANSLATED BY CAROLYN SHREAD

University of Paris-X Nanterre

READERSHIP: Students and scholars in women's studies, gender studies, sexuality studies, feminism, philosophy and the humanities generally; general readers interested in gender and sexuality



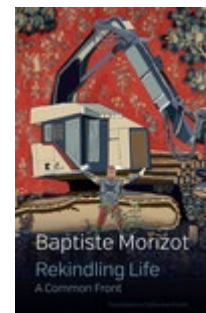
JUNE 2022 150PP
978-1-5095-4992-4 CL \$45.00 (Japan)
978-1-5095-4993-1 PB \$12.95 (Japan)
General Philosophy

Rekindling Life

A Common Front

BAPTISTE MORIZOT & TRANSLATED BY CATHERINE PORTER

READERSHIP: Students and scholars in environmental studies, animal studies, anthropology and philosophy, and general readers interested in the environment and animals

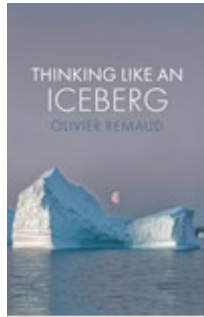


JUNE 2022 224PP
978-1-5095-4927-6 CL \$64.95 (Japan)
978-1-5095-4928-3 PB \$22.95 (Japan)
General Philosophy

Thinking Like an Iceberg

OLIVIER REMAUD & TRANSLATED BY STEPHEN MUECKE

READERSHIP: Students and scholars in philosophy, geography, and environmental studies, and general readers interested in the fate of the polar regions, ecology and the environment



JUNE 2022 180PP
978-1-5095-5146-0 CL \$64.95 (Japan)
978-1-5095-5147-7 PB \$22.95 (Japan)
General Philosophy

The Time of the Landscape

On the Origins of the Aesthetic Revolution

JACQUES RANCIERE & TRANSLATED BY EMILIANO BATTISTA

READERSHIP: Students and scholars in philosophy, art and art history, and humanities generally; followers of the work of Ranciere; general readers interested in contemporary philosophy and critical theory

JUNE 2022 120PP
978-1-5095-4814-9 CL \$45.00 (Japan)
978-1-5095-4815-6 PB \$12.95 (Japan)
Aesthetics

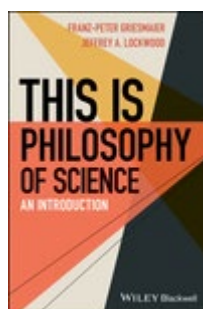
This is Philosophy of Science

FRANZ-PETER GRIESMAIER, JEFFREY LOCKWOOD & SERIES
EDITOR STEVEN D. HALES

Bloomsburg University

A clear and engaging introduction to the philosophy of science, exploring the role of science within the broader framework of human knowledge and engagement with the world

What are the central features and advantages of a scientific worldview? Why do even reasonable scientists sometimes disagree with each other? How are scientific methods different than those of other disciplines? Can science provide an objective account of reality? *This is Philosophy of Science* introduces the most important philosophical issues that arise within the empirical sciences.



Requiring no previous background in philosophy, this reader-friendly volume covers topics ranging from traditional questions about the nature of explanation and the confirmation of theories to practical issues concerning the design of physical experiments and modeling. Incisive and accessible chapters with relevant case-studies and informative illustrations examine the function of thought experiments, discuss the realism/anti-realism debate, explore probability and theory testing, and address more challenging topics such as emergentism, measurement theory, and the manipulationist account of causation.

Part of Wiley-Blackwell's popular *This Is Philosophy* series, *This is Philosophy of Science: An Introduction* is an excellent textbook for STEM students with interest in the conceptual foundations of their disciplines, undergraduate philosophy majors, and general readers looking for an easy-to-read overview of the subject.

SERIES: THIS IS PHILOSOPHY

JUNE 2022 304PP
978-1-119-75799-3 PB \$34.95 (Japan)
Philosophy of Science

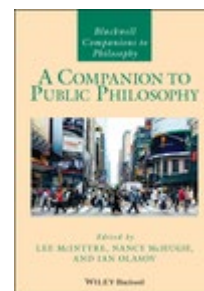
A Companion to Public Philosophy

EDITOR LEE MCINTYRE, EDITOR NANCY MCHUGH & EDITOR IAN OLASOV

Wittenburg University; CUNY

The first anthology devoted to the theory and practice of all forms of public philosophy

A Companion to Public Philosophy brings together in a single volume the diverse practices, modalities, and perspectives of this rapidly growing field. Forty-two chapters written by established practitioners and newer voices alike consider questions ranging from the definition of public philosophy to the value of public philosophy to both society and philosophy itself. Throughout the book, philosophers offer insights into the different publics they have engaged, the topics they have explored, the methods they have used and the lessons they have learned from these engagements.



The *Companion* explores important philosophical issues concerning the practice of philosophy in the public sphere, how public philosophy relates to advocacy, philosophical collaborations with political activists, locations where public philosophy can be done, and more. Many essays highlight underserved topics such as effective altruism, fat activism, trans activism, indigenous traditions, and Africana philosophy, while other essays set the stage for rigorous debates about the boundaries of public philosophy and its value as a legitimate way to do philosophy.

A Companion to Public Philosophy is essential reading for philosophers from all walks of life who are invested in and curious about the ways that philosophy can impact the public and how the public can impact philosophy. It is also an excellent text for undergraduate and graduate courses on the theory and practice of public philosophy as well as broader courses on philosophy, normative ethics, and comparative and world philosophy.

SERIES: BLACKWELL COMPANIONS TO PHILOSOPHY

JUNE 2022 480PP
978-1-119-63522-2 CL \$185.00 (Japan)
Applied Philosophy

政治学

Sad Love

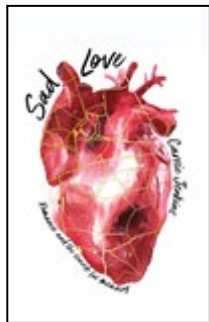
Romance and the Search for Meaning

CARRIE JENKINS

University of British Columbia

READERSHIP: General readers interested in love, polyamory, social well-being, happiness, feminism and sex

JUNE 2022 200PP
978-1-5095-3958-1 CL \$59.95 (Japan)
9781509539598 PB \$19.95 (Japan)
Philosophy Special Topics

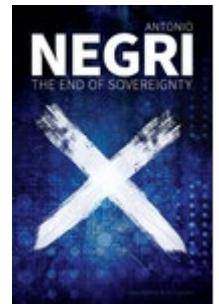
**The End of Sovereignty**

ANTONIO NEGRI & TRANSLATED BY ED EMERY

University of Padua

READERSHIP: Students and scholars of philosophy and political theory; anyone interested in radical politics today.

JUNE 2022 220PP
978-1-5095-4429-5 CL \$69.95 (Japan)
978-1-5095-4430-1 PB \$24.95 (Japan)
Political Philosophy & Theory



Multiculturalism

The Political Theory of Diversity Today

ANDREW SHORTEN

READERSHIP: Students and scholars of multiculturalism, citizenship, toleration and diversity.



JUNE 2022 210PP
978-1-5095-5175-0 CL \$69.95 (Japan)
978-1-5095-5176-7 PB \$24.95 (Japan)
Political Philosophy & Theory

Obedience is Freedom

JACOB PHILLIPS

READERSHIP: General readers who are interested in the postliberal movement, who read UnHerd, American Affairs, Quillette, First Things and similar. Christians, particularly Roman Catholics and other traditionalists, such as readers of the Catholic Herald and the Tablet.



JUNE 2022 200PP
978-1-5095-4933-7 CL \$59.95 (Japan)
978-1-5095-4934-4 PB \$19.95 (Japan)
Political Philosophy & Theory

心理学

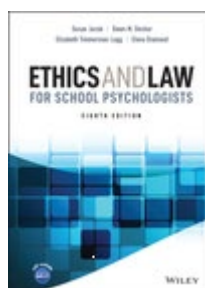
Ethics and Law for School Psychologists

8th Edition

SUSAN JACOB, DAWN M. DECKER, ELIZABETH TIMMERMAN
LUGG & ELENA LILLES DIAMOND

Central Michigan University ; Central Michigan University

A comprehensive and robust discussion of practical issues and applications of legal-ethical rules for psychologists practicing in school settings



In the newly revised Eighth Edition of *Ethics and Law for School Psychologists*, a team of expert practitioners and researchers delivers a one-stop sourcebook on ethics and law specifically designed for psychologists working in educational settings. It offers up-to-date information on the ethical principles and standards- and the law- relevant to providers of school psychological services.

The book presents an integrated discussion of ethics and law and an ethical-legal decision-making model that supports socially just practice. Throughout, psychologists are encouraged to strive for excellence in their work with students, families, and teachers rather than meeting minimal obligations outlined in codes of ethics and law.

An indispensable resource for practicing school psychologists, psychiatrists, counselors, social workers, and other mental health professionals, *Ethics and Law for School Psychologists* is also an essential sourcebook for graduate students of psychology and social work students.

JUNE 2022 448PP
978-1-119-81635-5 CL \$99.95 (Japan)
EDUCATIONAL & SCHOOL PSYCHOLOGY

The Addiction Treatment Planner

6th Edition

ROBERT R. PERKINSON, DAVID J. BERGHUIS & TIMOTHY
BRUCE, PEORIA

Clarify, simplify, and accelerate the treatment planning process so you can spend more time with clients



The Addiction Treatment Planner, Sixth Edition: provides all the elements necessary to quickly and easily develop formal treatment plans that satisfy the demands of HMOs, managed care companies, third-party payers, and state and federal agencies. This valuable resource contains treatment plan components for 48 behaviorally based presenting problems including depression, intimate relationship conflicts, chronic pain, anxiety, substance use, borderline personality, and more. You'll save hours by speeding up the completion of time-consuming paperwork, without sacrificing your freedom to develop customized treatment plans for clients.

This updated edition includes new and revised evidence-based objectives and interventions, new online resources, expanded references, an expanded list of client workbooks and self-help titles, and the latest information on assessment instruments. In addition, you'll find new chapters on some of today's most challenging issues- Opioid Use Disorder, Panic/Agoraphobia, Loneliness, and Vocational Stress. New suggested homework exercises will help you encourage your clients to bridge their therapeutic work to home.

This book's easy-to-use reference format helps locate treatment plan components by presenting behavioral problem or DSM-5 diagnosis. Inside, you'll also find a sample treatment plan that conforms to the requirements of most third-party payors and accrediting agencies including CARF, The Joint Commission (TJC), COA, and the NCQA. *The Addiction Treatment Planner, Sixth Edition*: will liberate you to focus on what's really important in your clinical work.

SERIES: PRACTICEPLANNERS

JUNE 2022 672PP
978-1-119-70785-1 PB \$67.50 (Japan)
PSYCHOTHERAPY & COUNSELING

ポリマーサイエンス

Dementia and Memory

Introduction for Professionals in Health and Human Services

EDITOR THOMAS J. FARRER & EDITOR ELISE K. EIFERT

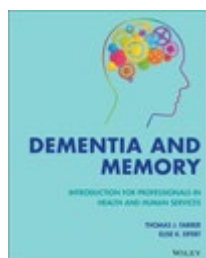
Addresses the psychology and treatment of diseases that affect the memory of an aging population

The aging population is growing, with a significant portion of the population over the age of 65. Epidemiological research suggests that rates of age-related conditions like Alzheimer's disease will increase. Older individuals and their families face a host of problems related to the diagnosis, treatment, and psychological management of these conditions. There is a growing demand for healthcare personnel and professionals in the human and social services who have the knowledge and skills to meet the needs of this special population. *Dementia and Memory: Introduction for Professionals in Health and Human Services* aims to provide an introduction to dementia and memory disorders for professionals in public health, nursing, social work, gerontology, psychology, and beyond.

This book offers a scientifically rigorous approach with an approachable writing style, making it an ideal resource for all helping professions. All chapters take a multi-disciplinary approach to instruction, and all diseases are presented with applicable historical background. For each condition covered, from Alzheimer's and Parkinson's to depression and frailty, you'll find a description of the condition, epidemiological data, pathophysiology, diagnostic criteria, clinical presentation, treatment strategies, and a case vignette. You'll also learn about older adults' daily needs, behavioral interventions, caregiver stress, and more.

Anyone who works with older adults in community, clinical, or research settings will benefit from this in-depth information on conditions of aging and dementia.

JUNE 2022 320PP
978-1-119-65809-2 PB \$89.95 (Japan)
Brain & Behavior: Physiological Psychology



Biodegradable Plastics

MICHIEL DUSSELIER & JEAN-PAUL LANGE

This comprehensive approach encompasses all aspects from renewable resources, over synthesis, with marketing and policy issues, to degradation and environmental impacts. It offers the reader a broad but focused look and guide into the fast developing biodegradable plastics field.

JUNE 2022 448PP
978-3-527-34761-2 CL \$175.00 (Japan)
Polymer processing

Extrinsic and Intrinsic Approaches to Self-Healing Polymers and Polymer Composites

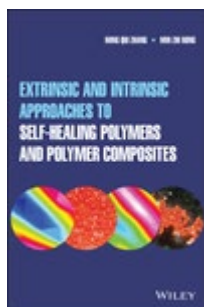
MING QIU ZHANG & MIN ZHI RONG

Explore the cutting-edge in self-healing polymers and composites

In *Extrinsic and Intrinsic Approaches to Self-Healing Polymers and Polymer Composites*, a pair of distinguished materials scientists delivers an insightful and up-to-date exploration of the fundamentals, theory, design, fabrication, characterization, and application of self-healing polymers and polymer composites. The book discusses how to prepare self-healing polymeric materials, how to increase the speed of crack repair, high temperature applications, and how to broaden the spectrum of healing agent species.

The authors emphasize the integration of existing techniques with novel synthetic approaches for target-oriented materials design and fabrication. They provide a comprehensive view of this emerging field, allowing new researchers to gather a firm understanding of the framework for creating new materials or applications.

Perfect for polymer and materials scientists, chemists, and engineers, *Extrinsic and Intrinsic Approaches to Self-Healing Polymers and Polymer Composites* will also earn a place in the libraries of professionals working in the polymer, coatings, paints, medical, defense, and pharmaceutical industries.



JUNE 2022 400PP
978-1-119-62995-5 CL \$195.00 (Japan)
Polymer Synthesis

Thermal Analysis of Polymers

Methods and Developments

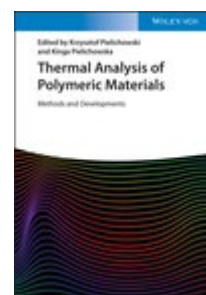
EDITOR KRZYSZTOF PIELICHOWSKI & EDITOR KINGA PIELICHOWSKA

An all-in-one reference work covering the essential principles and techniques on thermal behavior and response of polymeric materials

This book delivers a detailed understanding of the thermal behavior of polymeric materials for the efficient analysis of polymeric thermal properties. It covers the most widely applied principles which are used in method development to substantiate what happens upon heating of polymers. It also reviews the key application areas of polymers in materials science. Edited by two experts in the field, the book covers a wide range of specific topics within the aforementioned categories of discussion, such as:

- Crucial thermal phenomena glass transition, crystallization behavior and curing kinetics
- Polymeric materials that have gained interest over the last decade
- The latest advancements in techniques related to the field, such as modulated temperature DSC and fast scanning calorimetry
- The recent hyphenated techniques and their applications

Polymer chemists, chemical engineers, materials scientists, and process engineers can use this comprehensive reference work to gain clarity on the topics discussed within and learn how to harness them in practical applications across a wide range of disciplines.



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社会学

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College de France

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統計学

Applied Biostatistics for the Health Sciences

2nd Edition

RICHARD J. ROSSI

Montana Tech, The University of Montana

In this newly revised edition of *Applied Biostatistics for the Health Sciences*, accomplished statistician Dr. Richard Rossi delivers a robust and easy-to-understand exploration of statistics in the context of applied health science and biostatistics. The book covers sample design, logistic regression, experimental design, survival analysis, basic statistical computation, and many more topics with a strong focus on the correct use and interpretation of statistics. The author also explains how to assess the quality of observed data, how to collect quality data, and the use of confidence intervals in conjunction with hypothesis and significance tests.



- A thorough introduction to biostatistics, including explanations of fundamental concepts like populations, samples, statistics, biomedical studies, and data set examples
- A comprehensive exploration of population descriptions, including qualitative and quantitative variables, multivariate data, measures of dispersion, and probability
- Practical discussions of random sampling, summarizing random samples, and the measurement of the reliability of statistics
- In-depth examinations of confidence intervals, statistical hypothesis testing, simple and multiple linear regression, and experimental design

Perfect for health science and biostatistics students and professors at the upper undergraduate and graduate levels, *Applied Biostatistics for the Health Sciences* is also a must-read reference for practitioners and professionals in the fields of pharmacy, biochemistry, nursing, health care informatics, and the applied health sciences.

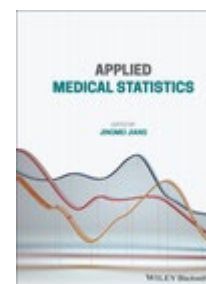
JUNE 2022 744PP
978-1-119-72269-4 CL \$166.50 (Japan)
BIostatISTICS

Applied Medical Statistics

EDITOR JINGMEI JIANG

Chinese Academy of Medical Sciences (CAMS); School of Basic Medicine of Peking Union Medical College (PUMC)

An up-to-date exploration of foundational concepts in statistics and probability for medical students and researchers



Medical journals and researchers are increasingly recognizing the need for improved statistical rigor in medical science. In *Applied Medical Statistics*, renowned statistician and researcher Dr. Jingmei Jiang delivers a clear, coherent, and accessible introduction to basic statistical concepts, ideal for medical students and medical research practitioners. The book will help readers master foundational concepts in statistical analysis and assist in the development of a critical understanding of the basic rationale of statistical analysis techniques.

The distinguished author presents information without assuming the reader has a background in specialized mathematics, statistics, or probability. All of the described methods are illustrated with up-to-date examples based on real-world medical research, supplemented by exercises and case discussions to help solidify the concepts and give readers an opportunity to critically evaluate different research scenarios.

Perfect for postgraduate medical students, clinicians, and medical and biomedical researchers, *Applied Medical Statistics* will also earn a place on the shelf of any researcher with an interest in biostatistics or applying statistical methods to their own field of research.

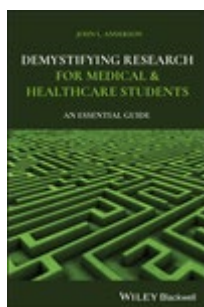
JUNE 2022 640PP
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Medical Statistics & Epidemiology

Demystifying Research for Medical and Healthcare Students

An Essential Guide

JOHN L. ANDERSON

All healthcare students need to understand research methods to be able to understand research articles and to actively engage in research where necessary. Most clinical programs include research training within their courses, and many students are required to undertake an assessed research project—both at undergraduate and postgraduate levels. Breaking down the jargon barriers of research methods, and designed for those new to the world of research, *Demystifying Research* is a straightforward and highly accessible guide to fundamental research methods, approaches, and skills.



This student-friendly resource describes quantitative and qualitative research approaches, mixed research methods, research ethics and governance, research skills and more. Step-by-step, students learn to appraise research in scholarly articles, design a project, and conduct research in the lab, in clinical practice, and other real-life situations. Technical jargon and classic research are explained in plain English, while relevant theory is illustrated through relatable examples of research in practice. Designed to make learning about research easy, this valuable guide:

- Explains basic research methods in a direct and engaging style
- Breaks research methods down into manageable, easy-to-digest pieces
- Defines what research is, and provides an overview of its methods and methodologies
- Covers all key areas of research, including observational and experimental approaches, and clinical trials
- Includes real-life examples of successful student research projects

Demystifying Research is a must-have for undergraduate and postgraduate medical, nursing, other healthcare and social sciences students, as well as professionals looking to refresh their knowledge.

JUNE 2022 224PP
978-1-119-70137-8 PB \$37.95 (Japan)
Medical Statistics & Epidemiology

テストプレップ

CompTIA Data+ Study Guide

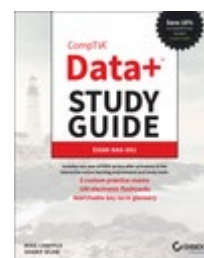
Exam DA0-001

MIKE CHAPPLE & SHARIF NIJIM

University of Notre Dame; University of Notre Dame

Build a solid foundation in data analysis skills and pursue a coveted Data+ certification with this intuitive study guide

CompTIA Data+ Study Guide: Exam DA0-001 delivers easily accessible and actionable instruction for achieving data analysis competencies required for the job and on the CompTIA Data+ certification exam. You'll learn to collect, analyze, and report on various types of commonly used data, transforming raw data into usable information for stakeholders and decision makers.



With comprehensive coverage of data concepts and environments, data mining, data analysis, visualization, and data governance, quality, and controls, this Study Guide offers:

- All the information necessary to succeed on the exam for a widely accepted, entry-level credential that unlocks lucrative new data analytics and data science career opportunities
- 100% coverage of objectives for the NEW CompTIA Data+ exam
- Access to the Sybex online learning resources, with review questions, full-length practice exam, hundreds of electronic flashcards, and a glossary of key terms

Ideal for anyone seeking a new career in data analysis, to improve their current data science skills, or hoping to achieve the coveted CompTIA Data+ certification credential, *CompTIA Data+ Study Guide: Exam DA0-001* provides an invaluable head start to beginning or accelerating a career as an in-demand data analyst.

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Certification (MSCE, Novell, etc.)

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5th Edition

QUENTIN DOCTER, JON BUHAGIAR, TROY MCMILLAN,
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Building on the popular Sybex Study Guide approach, this *CompTIA A+ Complete Certification Kit 5th Edition* covers all the major changes to the NEW Core 1 220-1101 and Core 2 220-1102 exams. The kit provides the complete Study Guide covering 100% of the A+ exam objectives as well as Practice Tests and a Review Guide that contains clear and concise information on topics including crucial hardware and operating system maintenance, cloud computing, security, and troubleshooting.

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- *CompTIA A+ Complete Review Guide: Core 1 Exam 220-1101 and Core 2 Exam 220-1102, 5th Edition*
- *CompTIA A+ Complete Practice Tests: Core 1 Exam 220-1101 and Core 2 Exam 220-1102, 3rd Edition*

This *CompTIA A+ Complete Certification Kit 5th Edition* provides complete and updated preparation for the Core 1 220-1101 and Core 2 220-1102 exams.



JUNE 2022 UnknownPP
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A+ CERTIFICATION

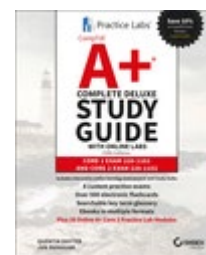
CompTIA A+ Complete Deluxe Study Guide with Online Labs

Core 1 Exam 220-1101 and Core 2 Exam, 5th Edition

QUENTIN DOCTER & JON BUHAGIAR

The ultimate resource for successful certification and IT skillset enhancement

The newly revised and updated Fifth Edition of the *CompTIA A+ Complete Deluxe Study Guide with Online Labs: Core 1 Exam 220-1101 and Core 2 Exam 220-1102* is the ultimate test preparation tool for anyone hoping to succeed on the highly sought-after A+ certification exams.



This comprehensive set of study aids covers every exam objective and competency tested by the Core 1 and Core 2 exams. You'll find coverage of mobile devices, networking, hardware, virtualization and cloud computing, hardware and network troubleshooting, operating systems, security, software trouble shooting, and operational procedures.

The book also includes:

- Practical examples and real-world insights drawn from the experiences of actual computer technicians
- 6 months of access to 28 online A+ Core 2 Exam 220-1102 Practice Lab modules
- Access to the Sybex online test bank, with chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a searchable glossary of key terms

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A+ CERTIFICATION

CompTIA A+ Complete Practice Tests

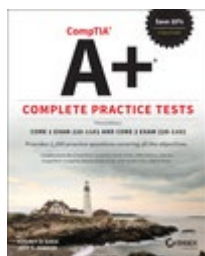
Core 1 Exam 220-1101 and Core 2 Exam 220-1102

3rd Edition

AUDREY O'SHEA & JEFF T. PARKER

Improve your understanding of all Core 1 and Core 2 A+ exam objectives and prepare for a new career as a computer technician

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- Challenging questions designed to advance your understanding and comprehension of all covered exam domains
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- Access to the Sybex online test bank, with hundreds of questions and full-length practice exams

Perfect for anyone prepping for the Core 1 and Core 2 A+ exams, *CompTIA A+ Complete Practice Tests: Core 1 Exam 220-1101 and Core 2 Exam 220-1102* is also an ideal resource for aspiring and early-career computer technicians who want to improve their understanding of some of the foundational concepts they rely on each day in the field.

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A+ CERTIFICATION

CompTIA A+ Complete Review Guide

Core 1 Exam 220-1101 and Core 2 Exam 220-1102

5th Edition

TROY MCMILLAN, PFAFFTOWN

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This book covers mobile devices, networking, hardware, virtualization and cloud computing, hardware and network troubleshooting, operating systems, security, software troubleshooting, and operational procedures. Its comprehensive discussions of all exam competencies will prepare you for your first role as a computer technician and let you hit the ground running.

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- Accessible and easy-to-follow organization perfect for quick review and reinforcement of key topics
- Practical examples and insights drawn from the real-world experience of actual computer technicians
- Access to the Sybex online test bank, with chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms

Ideal for anyone preparing for the Core 1 and Core 2 A+ exams, *CompTIA A+ Complete Review Guide: Core 1 Exam 220-1101 and Core 2 Exam 220-1102* is also perfect for all aspiring and early-career computer technicians who seek to improve their performance in the field.

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978-1-119-86107-2 PB \$30.00 (Japan)
A+ CERTIFICATION

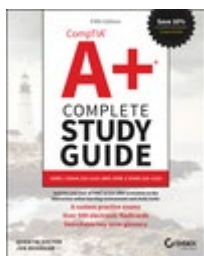
CompTIA A+ Complete Study Guide

Core 1 Exam 220-1101 and Core 2 Exam 220-1102

5th Edition

QUENTIN DOCTER & JON BUHAGIAR

The Fifth Edition of the *CompTIA A+ Complete Study Guide: Core 1 Exam 220-1101 and Core 2 Exam 220-1102* offers accessible and essential test preparation material for the popular A+ certification. Providing full coverage of all A+ exam objectives and competencies covered on the latest Core 1 and Core 2 exams, the book ensures you'll have the skills and knowledge to confidently succeed on the test and in the field as a new or early-career computer technician.



The book presents material on mobile devices, hardware, networking, virtualization and cloud computing, network, hardware, and software troubleshooting, operating systems, security, and operational procedures. Comprehensive discussions of all areas covered by the exams will give you a head start as you begin your career as a computer technician.

This new edition also offers:

- Accessible and easy-to-follow organization perfect to prepare you for one of the most popular certification exams on the market today
- Opportunities to practice skills that are in extraordinary demand in the IT industry
- Access to the Sybex online test bank, with chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms

Perfect for anyone prepping for the Core 1 and Core 2 A+ exams, *CompTIA A+ Complete Study Guide: Core 1 Exam 220-1101 and Core 2 Exam 220-1102* is a must-have resource for new and early-career computer technicians seeking to improve their skills and increase their efficacy in the field.

JUNE 2022 UnknownPP
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A+ CERTIFICATION

Google Cloud Certified Professional Cloud Architect Study Guide

2nd Edition

DAN SULLIVAN

An indispensable guide to the newest version of the Google Certified Professional Cloud Architect certification



The newly revised Second Edition of the *Google Cloud Certified Professional Cloud Architect Study Guide* delivers a proven and effective roadmap to success on the latest Professional Cloud Architect accreditation exam from Google. You'll learn the skills you need to excel on the test and in the field, with coverage of every exam objective and competency, including focus areas of the latest exam such as Kubernetes, Anthos, and multi-cloud architectures. The book explores the design, analysis, development, operations, and migration components of the job, with intuitively organized lessons that align with the real-world job responsibilities of a Google Cloud professional and with the PCA exam topics. Architects need more than the ability to recall facts about cloud services, they need to be able to reason about design decisions. This study guide is unique in how it helps you learn to think like an architect: understand requirements, assess constraints, choose appropriate architecture patterns, and consider the operational characteristics of the systems you design. Review questions and practice exams use scenario-based questions like those on the certification exam to build the test taking skills you will need.

The ideal resource for anyone preparing for the Professional Cloud Architect certification from Google, *Google Cloud Certified Professional Cloud Architect Study Guide, 2nd Edition* is also a must-read resource for aspiring and practicing cloud professionals seeking to expand or improve their technical skillset and improve their effectiveness in the field.

JUNE 2022 496PP
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MISC (OTHER) CERTIFICATIONS

獣医学

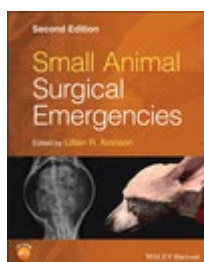
Small Animal Surgical Emergencies

2nd Edition

LILLIAN R. ARONSON

University of Pennsylvania, Philadelphia, Pennsylvania, USA

Small Animal Surgical Emergencies, Second Edition continues to be an important resource focusing on surgical emergencies, combining the work of surgical specialists and critical care specialists, and filling a void in educating and informing veterinarians.



The new edition of this book provides updated information on an array of topics such as preoperative stabilization, new and innovative treatment options, and aftercare. Each chapter covers step-by-step information on emergency stabilization, diagnostic approach, operative techniques, postoperative care, common complications encountered in each case, and how to troubleshoot any such complication should they occur. It also offers simplified surgical techniques to ensure success and describes new and novel procedures throughout.

The Second Edition of *Small Animal Surgical Emergencies* features:

- Nine new chapters covering operating room nursing tips, rectal prolapse, colonic torsion, surgical intervention post celiotomy, assisted enteral feeding tubes, open chest CPR, managing complications of skin flaps and grafts, incisional infection, and joint luxations
- Many chapters are written in collaboration by experts in small animal surgery and critical care, combining these practices in one important resource
- Relevant anatomy, imaging, and full-color illustrations and drawings incorporated into each chapter
- Inclusion of case presentations, when relevant

An important tool for small animal general practitioners, veterinary surgeons, critical care specialists, as well as veterinary nurses and operating room technicians, *Small Animal Surgical Emergencies, Second Edition* is a crucial resource for this constantly evolving branch of veterinary medicine.

JUNE 2022 800PP
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VETERINARY SURGERY, ORTHOPEDICS & TRAUMA

Notes on Canine Internal Medicine

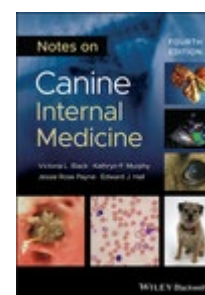
4th Edition

VICTORIA L. BLACK, KATHRYN F. MURPHY, JESSIE ROSE PAYNE
& EDWARD J HALL

Highcroft Veterinary Referrals, Bristol, UK

A thorough yet concise guide to diagnosing and managing canine medical conditions

The newly revised Fourth Edition of *Notes on Canine Internal Medicine* delivers a comprehensive guide to the diagnosis of common and uncommon medical conditions in dogs.



Written to act as a practical and fast-access subject reference for veterinary practitioners and students, *Notes on Canine Internal Medicine* encourages physicians to take a logical and evidence-based approach to canine medicine. Divided into five sections, the first four are dedicated to clinical presentations, physical and laboratory abnormalities, and -- new to this edition -- imaging patterns. It concludes with a section on the organ systems of canines, providing a robust summary of how to diagnose and manage common specific conditions of each system.

Notes on Canine Internal Medicine Fourth Edition is designed to be a useful resource for all veterinary clinicians; as a handy point of reference for veterinary students, recently graduated veterinary surgeons and those returning to work after career breaks, but also for experienced veterinary surgeons dealing with particularly difficult or challenging cases.

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