

JAPAN PREVIEW

March 2022



WILEY

PICK OF THE MONTH ~ 今月のお勧めタイトル

Handbook of Aggregation-Induced Emission

YOUHONG TANG & BEN ZHONG TANG

Flinders University, Australia; The Hong Kong University of Science & Technology, Hong Kong

→P32

Encyclopedia of Renewable Energy

JAMES G. SPEIGHT, LARAMIE, UNITED STATES

→P57

Power System Protection, 2nd Edition

PAUL M. ANDERSON, CHARLES HENVILLE, RASHEEK RIFAAT, BRIAN JOHNSON & SAKIS MELIOPOULOS

Power Math Associates, Inc.

→P59

What is Morphology?, 3rd Edition

MARK ARONOFF & KIRSTEN FUDEMAN

Professor Emeritus, State University of New York - Stony Brook; Ithaca College

→P72

Coronavirus Disease 2019 (Covid-19), A Clinical Guide

EDITOR ALI GHOLAMREZANEZHAD

→P82

Inkjet Printing in Industry

Materials, Technologies, Systems, and Applications

WERNER ZAPKA

→P89

The Wiley Handbook on What Works with Girls and Women in Conflict with the Law:

A Critical Review of Theory, Practice, and Policy

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Correctional Service of Canada, Ottawa; University of Cambridge, UK; Forensic Psychology Practice Ltd, UK ; University of Birmingham, UK

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Encyclopedia of Religious Ethics

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University of Chicago; Bucknell University, USA; Northeastern University, USA; University of Notre Dame, USA

→P102

JAPAN PREVIEW

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会計学

Accounting For Dummies

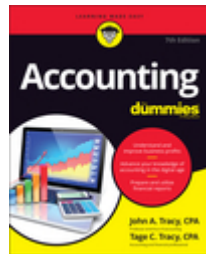
7th Edition

JOHN A. TRACY, BOULDER, UNITED STATES & TAGE C. TRACY

University of Colorado

Demystify your financial statements and figure out what your accountant is talking about with this straightforward roadmap to the world of accounting

Few skills are as useful as a basic understanding of accounting language. And with the right resources, learning the language of business can be intuitive, empowering, and fun.



Accounting For Dummies is the perfect place to start, whether you're operating a small business, just need help managing the family budget, or you're a rising star in corporate America. It's a financial blueprint for the everyday person, easy-to-understand, and full of practical advice.

You'll learn the basic ABC's of accounting, how to read and understand financial statements, create best in class budgets & forecasts, craft profitable business plans, take control of your own finances, gain insight on how companies get money from investors and banks, and avoid common money mistakes that trip up even the best of us. You'll also find out how to:

- Diagnose the financial health of your business and make a realistic plan to grow your company
- Improve your own or your family's money situation with sound financial planning and understanding
- Understand each of the three basic financial statements and what they say about a company's past, present, and future
- Enhance your knowledge of how accounting functions and operates in today's digital age and cloud-based world

As a useful tool for business or as a guide to your personal finances, nothing compares to accounting mastery. And once you've nailed the basics, you'll wonder how you ever lived without this universal and beautiful language.

MARCH 2022 448PP
978-1-119-83752-7 PB \$29.99 (Japan)
GENERAL & INTRODUCTORY ACCOUNTING

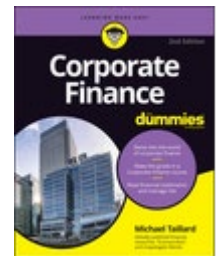
Corporate Finance For Dummies

2nd Edition

MICHAEL TAILLARD, BEULAH, UNITED STATES

Get a handle on one of the most powerful forces in the world today with this straightforward, no-jargon guide to corporate finance

A firm grasp of the fundamentals of corporate finance can help explain and predict the behavior of businesses and businesspeople. And, with the right help from us, it's not that hard to learn!



In *Corporate Finance For Dummies*, an expert finance professor with experience in everything from small business to large, public corporations walks you through the basics of the subject. You'll find out how to read corporate financial statements, manage risks and investments, understand mergers and acquisitions, and value corporate assets.

In this book, you will also:

- Get a plain-English introduction to the financial concepts, instruments, definitions, and strategies that govern corporate finance
- Learn how to value a wide variety of instruments, from physical assets to intangible property, bonds, equities, and derivatives
- Explore the intricacies of financial statements, including the balance sheet, income statement, and statement of cash flows

Perfect for students in introductory corporate finance classes looking for an easy-to-follow supplementary resource, *Corporate Finance For Dummies*, delivers intuitive instruction combined with real-world examples that will give you the head start you need to get a grip on everything from the cost of capital to debt analytics, corporate bonds, derivatives, and more.

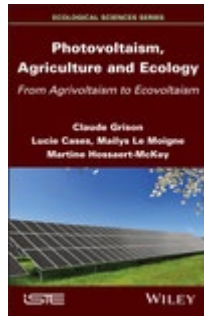
MARCH 2022 368PP
978-1-119-85031-1 PB \$26.99 (Japan)
CORPORATE FINANCE

農業

Photovoltaism, Agriculture and Ecology

From Agrivoltaism to Ecovoltaism

CLAUDE GRISON, LUCIE CASES,
MARTINE HOSSAERT-MCKEY &
MAILYS LE MOIGNE



MARCH 2022 UnknownPP
978-1-78630-720-0 CL \$165.00 (Japan)
Agriculture & Ecology

建築学

Alt-Form

Indeterminacy and Disorder

VIOLA AGO

In a world that is missing a central theoretical voice in architecture, now more than ever it is time to solicit emergent voices on the topic of alternative formalisms'(Alt-Form). This issue of *AD* aims to reach peripheral disciplines in order to support an architecture that no longer operates as a standalone field of study, and is rather one that responds to broader, urgent and pluralistic cultural shifts.



In the existing contemporary landscape of visually oriented fields of study, casual compositions and other formless expressions have begun to re-emerge, particularly in the disciplines of art, architecture and popular image culture. In architecture, with the rise of the digital, the last two decades have witnessed a field in pursuit of novel styles through the use of the latest digital tools. More recently, however, over the last five years or so, the field has experienced a more novelty-apathetic attitude, permeated with project proposals that resist the urge to offer immediate solutions in favour of enmeshment with a contemporary condition characterised by duress, destruction, uncertainty and other formless becomings. This *AD* explores this new, emerging world.

Contributors: Suzanne Cotter, Andrew Culp, Jack Halberstam, Jeff Halstead, Carolyn Kane, Ersela Kripa and Stephen Mueller, Carl Lostritto, Thom Mayne, V Mitch McEwen and Kristina Kay Robinson, Anna Neimark, Jennifer Newsom and Tom Carruthers, Dorina Pillumbi, Faysal Tabbara, and Dalena Tran. **Featured architects:** AGENCY, Architecture and Other Things, Atelier Office, Dream the Combine, First Office, MIRACLES, and Morphosis.

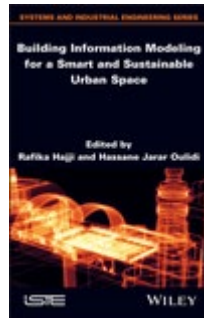
SERIES: ARCHITECTURAL DESIGN

MARCH 2022 128PP
978-1-119-74879-3 PB \$45.00 (Japan)
Building Design

BIM for Smart and Sustainable Urban Space

HASSANE JARAR OULIDI &
RAFIKA HAJJI

MARCH 2022 UnknownPP
978-1-78630-703-3 CL \$165.00 (Japan)
Building Design



ビジネス

Move to the Edge, Declare it Center

EVERETT HARPER

Lead your organizations, solve problems, and sustain your company's growth with effective practices for complex, uncertain, and unpredictable environments

In *Move to the Edge, Declare it Center*, CEO, entrepreneur, and strategist Everett Harper delivers a powerful and pragmatic take on solving complex problems by, and making decisions through, uncertainty. You'll learn to discover insights quickly by experimenting, iterating, then building infrastructure to sustain your innovations in your teams and organizations.

The author demonstrates a set of practices, processes, and infrastructure that addresses complex problems alongside a set of methods to systematize, scale, and share best practices throughout an organization. In the book, the author offers a new framework for leadership that's perfectly suited to an increasingly volatile, uncertain, and unpredictable world. You'll also get:

- Effective ways to make decisions in situations without complete information
- Strategies for sustaining your team through highly uncertain times
- Techniques for managing personal anxiety—a key leadership skill for the next decade

Case studies of World Central Kitchen, COVID public health policymakers, and California wildfire responders illustrate the framework, while pragmatic playbooks about salary transparency, remote work, and diversity and inclusion will help leaders apply the framework in their own organizations. The author shares personal stories and winning strategies that help leaders maintain high performance, avoid burnout, and enable companies to thrive.

Move to the Edge, Declare it Center is perfect for business leaders facing complex problems that require immediate decisions in the face of uncertain outcomes. It's also a must-read for anyone interested in modern leadership and looking for a way to help them make solid decisions with incomplete information.

MARCH 2022 256PP
978-1-119-84988-9 CL \$25.00 (Japan)
Business Self-Help

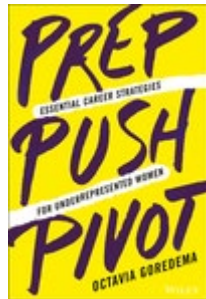
Prep, Push, Pivot

Essential Career Strategies for Underrepresented Women

OCTAVIA GOREDEMA

Advance your career with this insightful playbook for underrepresented women

In *Prep, Push, Pivot*, award-winning career coach and author Octavia Goredema delivers an indispensable career coaching guide for women looking for a new job, dealing with job loss, pivoting to a new career, or returning to the workforce after an extended absence.



You'll discover practical strategies you can implement at crucial times during your career, ensuring your considerable talents and skills are used to their full potential. In this important book, you'll:

- Discover your true worth, cement your career values, and carve out a realistic and aspirational career plan
- Learn how to position yourself for a promotion, navigate a break in your career, and integrate your role as a mother or caregiver with your professional life
- Deal with monumental career changes, contribute to the development of the women around you, and benefit from an array of professional resources in your journey forward

Perfect for women who are ready to overcome any obstacles that await them, *Prep, Push, Pivot* is a thoughtful road map to help women chart their professional and personal success.

MARCH 2022 224PP
978-1-119-78907-9 CL \$25.00 (Japan)
Business Self-Help

Take a Lesson

Today's Black Achievers on How They Made It and What They Learned Along the Way, Updated and Revised

CAROLINE V. CLARKE

Black Enterprise magazine, New Rochelle, NY

A fascinating set of Black perspectives on what it takes to succeed today

In *Take a Lesson: Today's Black Achievers on How They Made It and What They Learned Along the Way, Updated and Revised*, award-winning journalist and author Caroline Clarke once again compels a dynamic list of Black business heroes and role models to openly share their own goals, hits, and misses, exploring what they overcame and what they're still working to overcome, not just for themselves, but for their peers and would be peers, who the equity odds are still against.

In this book, you'll find:

- Updated interviews with Black corporate titans containing critically important lessons about business success
- Deeply personal accounts of the journeys of Black superachievers from a diverse set of backgrounds and industries who are still rising in their industries
- Insights into the ways the world has changed--and the ways it hasn't--since the release of the first edition in 2001

Perfect for Black students and early-career professionals looking for proven ways to navigate the unique challenges they'll face, *Take a Lesson* is also a great resource for allies seeking to gain perspective on a critically important set of experiences. While these stories are specifically of Black success, their ability to inform, inspire, and reaffirm the value of ambition and perseverance, no matter the odds or era, transcends race.

MARCH 2022 240PP
978-1-119-84107-4 CL \$28.00 (Japan)
BUSINESS SELF-HELP

Upper Hand

The Future of Work for the Rest of Us

SHERRELL DORSEY

Learn how to secure a place at the professional table for Black, Latinx, and other marginalized groups

In *Upper Hand: A Playbook for Securing Our Families, Communities, and Shaping Policies in the Future of Work*, celebrated Founder and CEO of The Plug, Sherrell Dorsey, delivers a personal and eye-opening exploration of how to ensure that marginalized communities aren't left behind as technology continues its inexorable march forward. In the book, readers will learn to think about how we can strategically shape the coming decade to include Black and Brown communities.

Upper Hand offers guidelines, insights, and frameworks for navigating the new world of work that is dominated by Silicon Valley-rooted technologies, inaccessible networks, and constant automation that continues to slash jobs in the Black and Latinx population. You'll find ways to:

- Help families and community leaders design clear pathways to understanding alternatives to obsolescence
- Thrive in an ever-changing, tech-driven economy that is beginning to leave people of color behind
- Embrace new strategies that guarantee a place for Black and brown people in the new economy

The startling and insightful discussion in *Upper Hand* will earn it a place in the libraries of families, teachers, community advocates, workforce development leaders, professionals of color, as well as anyone interested in learning how to distribute the benefits of the new tech economy to those historically left out.

MARCH 2022 240PP
978-1-119-83929-3 CL \$25.00 (Japan)
Personal Career Development

Amp It Up

Leading for Hypergrowth by Raising Expectations, Increasing Urgency, and Elevating Intensity

FRANK SLOOTMAN

Snowflake Inc.

The secret to leading growth is your mindset

Snowflake CEO Frank Sloatman is one of the tech world's most accomplished executives in enterprise growth, having led Snowflake to the largest software IPO ever after leading ServiceNow and Data Domain to exponential growth and the public market before that. In *Amp It Up: Leading for Hypergrowth by Raising Expectations, Increasing Urgency, and Elevating Intensity*, he shares his leadership approach for the first time.



Amp It Up delivers an authoritative look at what it takes to transform an organization for maximum growth and scale. Sloatman shows that most leaders have significant room to improve their organization's performance without making expensive changes to their talent, structure, or fundamental business model--and they don't need to bring in an army of consultants to do it. What they do need is to align people around what matters and execute with urgency and intensity every day.

Leading for unprecedented growth means declaring war on mediocrity, breaking the status quo, and making conflicted choices daily, all with a relentless focus on the mission. *Amp It Up* provides the first principles to guide that change, and the tactical advice for organizing a company around them. Perfect for executives, entrepreneurs, founders, managers, and leaders of all kinds, *Amp It Up* is a must-read resource for anyone who seeks to unleash the growth potential of a company and scale it to heights they never thought possible.

MARCH 2022 208PP
978-1-119-83611-7 CL \$28.00 (Japan)
Management / Leadership

The New Normal in IT

How the Global Pandemic Changed Information Technology Forever

GREGORY S. SMITH, SELBYVILLE

Learn how IT leaders are adapting to the new reality of life during and after COVID-19

COVID-19 has caused fundamental shifts in attitudes around remote and office work. And in *The New Normal in IT: How the Global Pandemic Changed Information Technology Forever*, internationally renowned IT executive Gregory S. Smith explains how and why companies today are shedding corporate office locations and reducing office footprints.



You'll learn about how companies realized the value of information technology and a distributed workforce and what that means for IT professionals going forward. The book offers insightful lessons regarding:

- How to best take advantage of remote collaboration and hybrid remote/office workforces
- How to implement updated risk mitigation strategies and disaster recovery planning and testing to shield your organization from worst case scenarios
- How today's CIOs and CTOs adapt their IT governance frameworks to meet new challenges, including cybersecurity risks

The New Normal in IT is an indispensable resource for IT professionals, executives, graduate technology management students, and managers in any industry. It's also a must-read for anyone interested in the impact that COVID-19 had, and continues to have, on the information technology industry.

SERIES: WILEY CIO

MARCH 2022 256PP
978-1-119-83976-7 CL \$28.95 (Japan)
Management / Leadership

The Vince Molinaro Leadership Accountability Box Set

VINCE MOLINARO, TORONTO, CANADA

A complete toolkit for CEOs, HR leaders, and senior executives seeking to drive growth, inspire employees, and navigate change so that they and their organizations can thrive in an era of uncertainty

From bestselling author and leadership advisor Dr. Vince Molinaro, *The Vince Molinaro Leadership Accountability Box Set* is a comprehensive, research-based, three-book collection that guides senior leaders in achieving maximum impact by teaching them how to build and scale leadership accountability across an organization. This complete approach helps leaders set the tone of accountability at an individual and team level. It also shows leaders how they can create a strong community of accountable leaders at every level.

- ***The Leadership Contract*** describes the mindset and practices that individual leaders must embrace to be deliberate, decisive, and effective. Readers will learn the four terms they must live by and put their name on the line--literally--by signing a contract for accountability that will take their leadership to the next level.
- ***Accountable Leaders*** breaks down how to drive strategy execution by scaling leadership accountability across teams and organizations. Readers will learn best practices and how to access tools that help them accelerate the impact of their teams and inspire a culture where everyone steps up, takes ownership, and delivers results.
- ***The Leadership Contract Field Guide*** explores practical strategies, exercises, and techniques readers can apply today to stop conceptualizing great leadership and start practicing it. It takes what readers learned in *The Leadership Contract* and *Accountable Leaders* and integrates that knowledge into real-world behaviors to equip leaders and their teams for success.

The Vince Molinaro Leadership Accountability Box Set presents a detailed roadmap to help leaders and their organizations unleash the power of accountability.

MARCH 2022 1000PP
978-1-119-88377-7 CL \$78.00 (Japan)
Management / Leadership

Immersive Technologies to Accelerate Innovation

How Virtual and Augmented Reality Enables the Co-Creation of Concepts

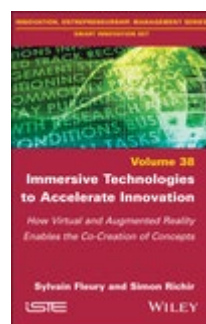
SYLVAIN FLEURY & SIMON RICHIR

ENSAM, Angers

The digital transformation of companies is both a competitive challenge and a complex step for large groups and industries, and at the same time a tremendous opportunity. This transformation is entering a new dimension with the development of immersive technologies such as virtual reality, mixed reality and augmented reality, which are revolutionizing the way we generate content as well as visualize and interact with models and data.

The challenges of innovation and digital transformation within companies are now converging. Research shows the potential that immersive technologies have to accelerate the first steps of the innovation process.

The objective of this book is to provide a clear vision of the state of research on immersive technologies for design and to deliver practical recommendations for companies wishing to improve their innovation process.



MARCH 2022 192PP
978-1-78630-770-5 CL \$165.00 (Japan)
Creativity & Innovation Management

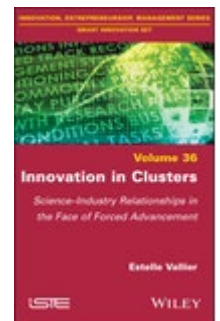
Innovation in Clusters

Science-Industry Relationships in the Face of Forced Advancement

ESTELLE VALLIER

Forged at the heart of international political bodies by expert researchers, the innovation cluster concept has been incorporated into most public policies in industrialized countries. Based largely on the ideas behind the success of Silicon Valley, several imitative attempts have been made to geographically group laboratories, companies and training in particular fields in order to generate "synergies" between science and industry.

In its first part, *Innovation in Clusters* analyzes the infatuation with the system of clusters that is integral to innovative policies by analyzing its socio historical context, its revival in management and its worldwide expansion, looking at a French example at a local level. In its second part, the book explores a specialized biotechnology cluster dating back to the end of the 1990s. The sociological survey conducted twenty years later sheds a different light on the dynamics and relationships between laboratories and companies, contradicting the commonly held belief that innovation is made possible by geographical proximity.



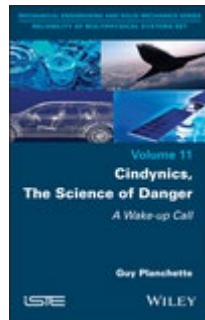
MARCH 2022 256PP
978-1-78630-625-8 CL \$165.00 (Japan)
Creativity & Innovation Management

Cindynics, The Science of Danger

A Wake-up Call

GUY PLANCHETTE

This book offers a new perspective to uncover the keys to accident and disaster avoidance. Created with a working group, it presents research and understanding on the root causes of disasters. Indeed, beyond technical failures, human beings are at the heart of organizations and, through the exchange of data and information, influential relationships inevitably emerge such as conflicts of interest and cooperation.



With examples selected from multiple accidents and disasters, this book demonstrates that analyzing the causal chain that leads to an accident is not sufficient if we wish to truly understand it. The role of operational and managerial actors and the complexities they generate are also explored.

Cindynics, The Science of Danger helps readers develop their ability to identify gaps, deficits, dissonances, disjunctions, degenerations and blockages, which are the real dangers in inevitably evolving activity situations. With an easily-understandable approach, this book offers new perspectives in several fields (health, crisis management and conflict resolution).

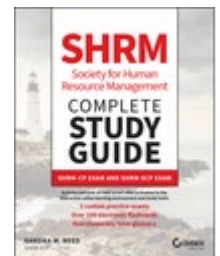
MARCH 2022 UnknownPP
978-1-78630-728-6 CL \$165.00 (Japan)
Risk, Contingency & Crisis Management

SHRM Society for Human Resource Management Complete Study Guide

SHRM-CP Exam and SHRM-SCP Exam

SANDRA M. REED, OAKDALE, UNITED STATES

The Society for Human Resource Management (SHRM) is the world's largest professional association for Human Resources practitioners. Its certifications, while challenging to obtain, open enormous opportunities in the HR field and prove your competence and expertise in the profession.



In *SHRM Society for Human Resource Management Complete Study Guide: SHRM-CP Exam and SHRM-SCP Exam*, veteran HR consultant Sandra M. Reed delivers a comprehensive roadmap to achieving the premier certification for global human resource professionals. You'll get access to Sybex's comprehensive study package, including an assessment test, chapter tests, practice exams, electronic flashcards, and a glossary of key terms.

Discover hands-on, practical exercises that prepare you for real-world HR interviews and jobs as you master the technical, leadership, and business competencies you'll need to succeed on the SHRM-CP and SHRM-SCP Exams and in your new HR career. This book also provides:

- Fully updated information for the latest SHRM Certified Professional and Senior Certified Professional exams
- Opportunities for new career transitions or advancement with a highly sought-after professional certification
- Access to Sybex online study tools, with chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms

Perfect for HR leaders who wish to pursue the SHRM Senior Certified Professional or SHRM Certified Professional designations, this study guide also teaches the skills required by anyone seeking to transition into an HR-related role. It offers intuitive and easy-to-follow organization and comprehensive domain coverage ideal for experienced and novice professionals alike.

MARCH 2022 496PP
978-1-119-80548-9 PB \$60.00 (Japan)
Project Management

Coaching Practiced

EDITOR JONATHAN PASSMORE & EDITOR DAVID TEE

University of East London, UK

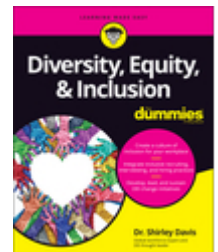
SERIES: BPS TEXTBOOKS IN PSYCHOLOGY

MARCH 2022 244PP
978-1-119-83569-1 PB \$49.95 (Japan)
Training & Human Resource Development / Coaching & Mentoring

Diversity, Equity & Inclusion For Dummies

DR. SHIRLEY DAVIS

Strengthen your company culture through inclusive and equitable policies and practices



The global workforce and marketplace will continue to undergo dramatic demographic shifts--redefining the workplace, the workers, and how work gets done. Organizations that want to attract and retain the best talent and to capitalize on the full breath of their perspectives and experiences must first reflect our society as a whole, and secondly, must create the right kind of work environment where ALL talent can thrive. That means valuing diversity, creating more equitable policies and practices, and fostering a welcoming and inclusive culture.

In *Diversity, Equity & Inclusion For Dummies*, global workforce expert, and three-time Chief Diversity and Inclusion Officer Dr. Shirley Davis unveils her extensive collection of real-world experiences, stories, case studies, checklists, assessments, tips, and strategies that will give you a deeper understanding of the business impact of DEI and how your role as a leader can contribute to your company's long term success.

You'll learn:

- The fundamentals of DEI and how it drives business performance and impact
- How to conduct comprehensive DEI organizational assessments to identify systemic and institutional inequities
- Tactics and strategies for having necessary but difficult conversations, and how to make them impactful
- Skills and competencies that every leader needs in order to effectively lead the new generation of workers

Diversity, Equity & Inclusion For Dummies is a must-read guide for any leader at any level who wants to ready themselves for the workplace of the future and reap the benefits of a full spectrum diverse ideas, backgrounds, and experiences. It also belongs on the reading lists of human resources and DEI professionals actively seeking to go broader, deeper, and have greater impact in their DEI work.

MARCH 2022 352PP
978-1-119-82475-6 PB \$29.99 (Japan)
Training & Human Resource Development / Diversity

The Neutrality Trap

Disrupting and Connecting for Social Change

BERNARD S. MAYER & JACQUELINE FONT-GUZMAN

Partner CDR Associates

Work for social change through constructive engagement and systems disruption in this practical resource for social change advocates and conflict specialists

In *The Neutrality Trap*, expert mediators and facilitators Bernard Mayer and Jacqueline N. Font-Guzmán deliver an insightful and practical exploration of how to understand the conflicts we face as social change agents.

You'll learn about systems disruption and constructive engagement: how to develop the relationships and change strategies that help people, systems, and societies confront their most important social challenges. In this important book, you will:

- Discover how to challenge the status quo in an effective way
- Practice how to "get into good trouble," and pick the battles worth fighting
- Learn to be strategic in your approach to social change and sustain your efforts over the long term

Perfect for anyone interested in progressing and achieving social justice, *The Neutrality Trap* is an indispensable guide to engaging in and managing the necessary conflict that comes with meaningful change.

MARCH 2022 256PP
978-1-119-79324-3 CL \$25.00 (Japan)
Business & Society

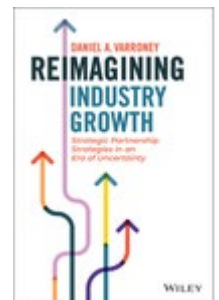
Reimagining Industry Growth

Strategic Partnership Strategies in an Era of Uncertainty

DANIEL A. VARRONEY

Tap into the potential of strategic partnerships with industry associations in this groundbreaking new book

Reimagining Industry Growth offers readers a blueprint to harnessing the power of leading industry associations as strategic partners. By utilizing those partnerships, business leaders will become able to leverage the collective strength of the supply chain to overcome challenges, address uncertainty, mitigate risks, and position their industries for growth.



The book provides an overview of strategic partnerships, how they work, and how they can be applied to industry relationships with trade associations. It includes:

- Illuminating and factual case studies outlining strategic partnerships in five different industry segments
- Roadmaps for executives to apply the lessons learned from industry success stories on leveraging relationships with trade associations
- Advice on how to move the needle for entire industries via effective strategic partnerships and achieve unprecedented growth

Ideal for executives, managers, business leaders of all kinds, business students and professors, and association executives. *Reimagining Industry Growth* is required reading for anyone who hopes to tap into the potential strength and value of effective strategic partnerships.

MARCH 2022 256PP
978-1-119-85592-7 CL \$30.00 (Japan)
Business & Society

Marketing for Sustainable Development

Rethinking Consumption Models

EDITOR SIHEM DEKHILI

Many people see a weak association between marketing and sustainable development and even consider them as two incompatible fields. However, marketing benefits from an extremely powerful position to encourage transformations at the production level and to guide consumers towards responsible behaviors. From its inception, marketing has been positioned as a support for the relationship between the company and its customers, with the quest for well-being set in the very foundations of the discipline.



In a context that is marked by crises and much skepticism, marketing today should, more than ever, prove that it acts in good faith. This book offers practitioners, public authorities, professors and students illustrations that demonstrate that the dissemination of sustainable practices is indeed a marketing issue. It argues that it is particularly important not only to overcome the divide between the concepts of marketing and sustainability, but also to use marketing tools and frameworks to support sustainable development and strengthen the green market.

MARCH 2022 336PP
978-1-78945-036-1 CL \$165.00 (Japan)
Marketing Management

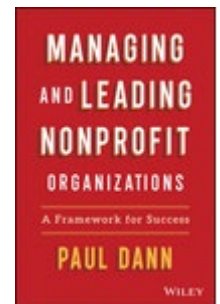
Managing and Leading Nonprofit Organizations

A Framework For Success

PAUL DANN

Practical strategies for ensuring leadership success within nonprofit organizations

In *Managing and Leading Nonprofit Organizations: A Framework For Success*, veteran senior leader and CEO Paul L. Dann, PhD, draws on over 30 years of developing and advancing nonprofits to walk you through practical strategies that support success as a nonprofit leader. The book is filled with universally applicable examples of how to implement its leadership techniques.



Leaders working in a variety of sectors will benefit from the author's careful balance of theory and practice. In the book, they'll also find:

- How to choose a leadership style that suits your personality, the people you work with, and your organization
- How to engage in the co-creation of leadership through generative leadership practice, including the development of an organizational philosophy, practice, and structure
- How to manage employee performance and engagement and how to choose successful management systems to leverage success

Ideal for practicing and aspiring nonprofit organization managers, board members, and directors, *Managing and Leading Nonprofit Organizations: A Framework For Success* is an indispensable, one-stop resource for the development and deployment of leadership skills in challenging as well as complex nonprofit environments.

MARCH 2022 256PP
978-1-119-81853-3 CL \$28.00 (Japan)
Non-Profit Organizations

The Law of Tax-Exempt Healthcare Organizations

2022 Cumulative Supplement, 4th Edition

MICHAEL HYATT & BRUCE R. HOPKINS, KANSAS CITY, UNITED STATES

Member, District of Columbia Bar

SERIES: WILEY NONPROFIT AUTHORITY

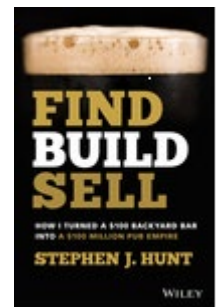
MARCH 2022 UnknownPP
978-1-119-87341-9 PB \$225.00 (Japan)
Non-Profit Organizations / Law

Find. Build. Sell.

How I Turned a \$100 Backyard Bar into a \$100 Million Pub Empire

STEPHEN J. HUNT

Stephen J. Hunt, award-winning publican and the founder of Hunt Hospitality, turns his 30 years of buying, renovating, and selling pubs into an easy-to-read, practical guide on how to turn a poorly performing business into a highly profitable one. From the early days of formulating an idea, to raising money and recruiting employees, to fending off competitors, you'll discover the wisdom, practical tools, and tips you need to take control over your business, turn it around, and live the life you've always wanted.



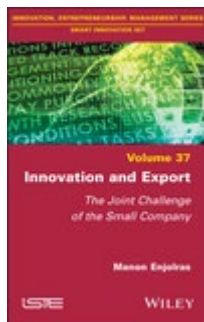
MARCH 2022 UnknownPP
978-0-7303-9986-5 PB \$22.00 (Japan)
Small Business & Entrepreneurship

Innovation and Export

The Joint Challenge of the Small Company

MANON ENJOLRAS

The concepts of innovation and export are traditionally considered in isolation, both within companies and within the support organizations dedicated to them. As a result, within this broad research field, very little academic work has focused on how to implement their relationship at an operational level. This book proposes a joint diagnostic tool for SMEs, highlighting good practices to be mastered in order to simultaneously improve innovation and export performance, in the form of a virtuous circle. *Innovation and Export* focuses on the integration of innovation and export into the strategic management of SMEs, for which the use of synergies is a powerful lever to overcome any difficulties in mobilizing significant resources.



MARCH 2022 192PP 978-1-78630-620-3 CL \$165.00 (Japan)
Small Business & Entrepreneurship

Launching & Building a Brand For Dummies

AMY WILL

Create a strong brand DNA--and watch it grow

These days, customers want to have a deeply felt connection to the brands behind the products they're purchasing, which means that if you're starting a business, a strong brand DNA has got to be part of your creative process from day one. And it needs to be more than just an abstract idea: to give your brand life--and a bigger chance of surviving against the competition--you need to have a standout launch strategy and a set plan for growing your brand in a noisy marketplace.



In *Launching & Building a Brand For Dummies*, Amy Will--who launched her first business at just 24-years-old and has been the brains behind four strong and buzzworthy brands--covers everything from crafting a powerful brand identity and planning that all-important launch to being prepared to scale up as you begin to take off. She reveals crucial lessons from her personal experience in launching five companies, as well as detailing case studies from some of the strongest brands out there, accompanied by insights and advice from successful founders and branding experts.

- Stand out on social media
- Create viral campaigns
- Build on Customer Loyalty and LongevityDeal with the competition

Whether you're thinking of starting a business or are already building up your market share, memorable brand identity will be the key to--and *Launching & Building a Brand For Dummies* one of the secrets of--your future standout success.

MARCH 2022 384PP
978-1-119-74803-8 PB \$26.99 (Japan)
Small Business & Entrepreneurship

AI-Enabled Analytics for Business

A Roadmap for Becoming an Analytics Powerhouse

LAWRENCE S. MAISEL, BEDFORD, ROBERT J. ZWERLING,
NEWPORT BEACH & JESPER H. SORENSEN

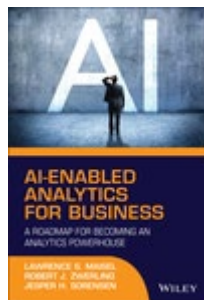
We are entering the era of digital transformation where human and artificial intelligence (AI) work hand in hand to achieve data driven performance.

Today, more than ever, businesses are expected to possess the talent, tools, processes, and capabilities to enable their organizations to implement and utilize continuous analysis of past business performance and events to gain forward-looking insight to drive business decisions and actions. *AI-Enabled Analytics in Business* is your Roadmap to meet this essential business capability. To ensure we can plan for the future vs react to the future when it arrives, we need to develop and deploy a toolbox of tools, techniques, and effective processes to reveal forward-looking unbiased insights that help us understand significant patterns, relationships, and trends. This book promotes clarity to enable you to make better decisions from insights about the future.

- Learn how advanced analytics ensures that your people have the right information at the right time to gain critical insights and performance opportunities
- Empower better, smarter decision making by implementing AI-enabled analytics decision support tools
- Uncover patterns and insights in data, and discover facts about your business that will unlock greater performance
- Gain inspiration from practical examples and use cases showing how to move your business toward AI-Enabled decision making

AI-Enabled Analytics in Business is a must-have practical resource for directors, officers, and executives across various functional disciplines who seek increased business performance and valuation.

MARCH 2022 240PP
978-1-119-73608-0 CL \$45.00 (Japan)
Business & Management Special Topics



Corporate Explorer

How Corporations Beat Entrepreneurs at the Innovation Game

ANDREW BINNS, CHARLES A. O'REILLY & MICHAEL TUSHMAN

Corporate Explorers transform disruption into opportunity with this proven framework.

Innovation used to be seen as a game best left to entrepreneurs, but now a new breed of corporate managers is flipping this logic on its head. These Corporate Explorers have the insight, resilience, and discipline to overcome the obstacles and build new ventures from inside even the largest organizations.

Corporate Explorers are part entrepreneurs, using innovation disciplines to jump start cutting-edge ideas, and part change leaders, capable of creating support for investment. They see that corporations already own the ideas, resources, and--critically--the talent to build new ventures. Companies like Amazon, Microsoft, Bosch, LexisNexis, and Analog Devices enable managers to put these assets to use and gain an upper hand over startups that threaten to disrupt them.

Corporate Explorer is a guidebook to the practices that enable these managers to go from idea into action. It demonstrates how success is not only possible but may offer entrenched companies better odds than venture-capital backed startups.

These lessons come from the trailblazers of corporate innovation--Andrew Binns (Change Logic), Charles O'Reilly (Stanford Graduate School of Business), and Michael Tushman (Harvard Business School)--who have decades of experience helping entrepreneurial-minded executives activate employees to become Corporate Explorers. Entrepreneurs take notice--it's time for Corporate Explorers to set the pace and chart the course for disruption.



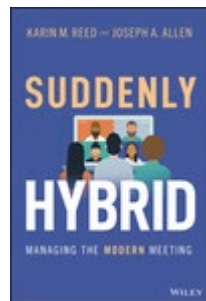
MARCH 2022 256PP
978-1-119-83832-6 CL \$28.00 (Japan)
Business & Management Special Topics

土木工学

Suddenly Hybrid**Managing the Modern Meeting**

KARIN M. REED, WAKE FOREST & JOSEPH A. ALLEN, NORTH SALT LAKE

Discover the challenges and opportunities of hybrid meetings with this science-based guide from an Emmy-award winning communications expert and renowned organizational psychologist



As remote work becomes less of an unusual exception and more of an everyday necessity, hybrid meetings--meetings in which some attendees are physically present while others are virtually present--are becoming the norm.

In *Suddenly Hybrid: Managing the Modern Meeting*, Emmy award-winning communications expert Karin Reed and veteran industrial and organizational psychologist Dr. Joseph A. Allen deliver a practical and actionable framework for attending, hosting, and managing hybrid meetings. The authors draw from their extensive experience in research and business, as well as firsthand stories and up-to-date studies, to offer a guide that's grounded in science and proven in the real world. You'll learn about:

- Best practices based on research from the height of the pandemic and the unexpected paradigm shifts that resulted
- The challenges and opportunities presented by the trend towards hybrid meetings
- New research insights gathered from those early in the transition to hybrid meetings, as well as those who are well on their way to implementing a complete framework

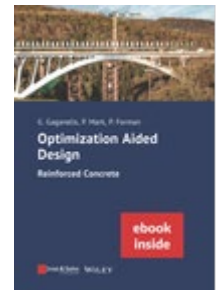
Perfect for senior business leaders, managers, and even individual contributors, *Suddenly Hybrid: Managing the Modern Meeting* is required reading for anyone expected to organize, host, or attend virtual or hybrid meetings in their workplace or school.

MARCH 2022 288PP
978-1-119-83108-2 CL \$29.95 (Japan)
Business & Management Special Topics

Advanced Reinforced Concrete Design

GEORGIOS GAGANELIS, PATRICK FORMAN & PETER MARK

Concrete is the most used building material. Its main component, cement, however, accounts production- related for up to 10 % of global CO2 emissions and is therefore a major contributor to human-induced climate change. Due to its low tensile strength, concrete must be further enhanced in tension with adequate reinforcement, such as steel. Producing the latter therefore



additionally impacts the environment. Consequently, reducing the material amount for design and construction of structures, thus lowering material- and transport-induced emissions, represents a key element to climate protection. In this context, meeting the essential requirements ? sustainability, serviceability, durability ? is yet indispensable. The book presents innovative optimization aided design methods for concrete structures. Mathematical optimization is applied to practical problems of structural concrete at each level: from external, through internal structure identification to cross-section design. It is shown how to design resource-efficient structures following the flux of forces, how to optimally adapt reinforcement layouts to the internal force flow, and how to efficiently cope with demanding cross-sectional design tasks such as biaxial bending. The optimization aided design methods are discussed in detail and described vividly. They are independent of standards, concrete material (normal to ultra-high performance) and reinforcement type (steel fibers to carbon bars), thus universally applicable. The book illustrates the different approaches with numerous figures and calculation examples. Existing applications in structural engineering are presented to demonstrate the potential of optimization aided design concepts, including ultra-lightweight hybrid beams, thin concrete solar collectors, and improved reinforcement layouts for tunnel lining segments. (incl. ebook as PDF)

MARCH 2022 224PP
978-3-433-03338-8 PB \$111.14 (Japan)
Structural & Building Engineering

Computational Fluid Dynamics and Energy Modelling in Buildings

Fundamentals and Applications

PARHAM A. MIRZAEI

This book will explain how heat and mass transport in buildings can be modelled using commercial and educational tools, with a focus on helping those who want to use those tools to understand and predict the performance of buildings, but who may not be experts in CFD. The fundamentals of modelling will be fully covered and then extended to show how those models can be used to simulate the behaviour of buildings. The aim is to ensure the reader understands the essentials of modelling and can use the existing tools effectively and knowledgeably. Modelling and simulation involve many assumptions and simplifications, so the book covers these topics fully, ensuring the reader understands and can justify those assumptions and simplifications. In addition, it addresses uncertainties in the selection of possible options to ensure the reader can get the most from existing heat and mass transport modelling tools.

MARCH 2022 352PP
978-1-119-74351-4 PB \$80.00 (Japan)
Building Maintenance & Services

Computational Geomechanics

Theory and Applications, 2nd Edition

ANDREW K. CHAN, MANUEL PASTOR, BERNHARD SCHREFLER,
TADAHIKO SHIOMI & OLGIERD C. ZIENKIEWICZ

University of Birmingham UK; Takenaka Corporation;
University College, Swansea, Wales

Up-to-date edition of Computational Geomechanics, broadening the focus of the first edition to include more applications

This extended second edition of the highly successful book *Computational Geomechanics* with special reference to Earthquake Engineering by Zienkiewicz O.C., Chan A.H.C., Pastor M., Schrefler B. A. and Shiomi T. introduces the theory and application of the Biot-Zienkiewicz formulation for saturated and unsaturated soil. This was one of main research areas of the late Prof. Zienkiewicz and his team in Swansea. The formulation given in this book have shown great success in a wide range of problems ranging from failure load under static loading, saturated and unsaturated consolidation, to liquefaction of soil under earthquake loading. The purpose of the book is to introduce and explain the formulation to research students, researchers and practicing engineers so that the method can be properly understood and correctly applied. This edition includes most of the material in first edition updated to include new applications to reflect the work done in the past decade. The change in the sub-title reflects better the new content introduced.

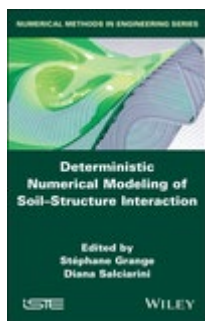
As there is still no comparable publication in the market the authors felt that there is a need to bring out a second edition to incorporate the many significant developments over the past decade. Furthermore, since the first edition, existing computer software has been updated and new computer software has been introduced. This second edition offers the excellent opportunity for the team to report on the progress made in the past decade, guide the readers on how to make use of the formulation and the software and point them to the exciting opportunities ahead.

MARCH 2022 512PP
978-1-118-35047-8 CL \$150.00 (Japan)
SOIL CONSTRUCTIONS & GEOTECHNICS

Deterministic Numerical Modeling of Soil Structure Interaction

EDITOR STEPHANE GRANGE & EDITOR DIANA SALCIARINI

In order to describe soil--structure interaction in various situations (nonlinear, static, dynamic, hydro-mechanical couplings), this book gives an overview of the main modeling methods developed in geotechnical engineering. The chapters are centered around: the finite element method (FEM), the finite difference method (FDM), and the discrete element method (DEM). *Deterministic Numerical Modeling of Soil--Structure Interaction* allows the reader to explore the classical and well-known FEM and FDM, using interface and contact elements available for coupled hydro-mechanical problems.



Furthermore, this book provides insight on the DEM, adapted for interaction laws at the grain level. Within a classical finite element framework, the concept of macro-element is introduced, which generalizes constitutive laws of SSI and is particularly straightforward in dynamic situations. Finally, this book presents the SSI, in the case of a group of structures, such as buildings in a town, using the notion of metamaterials and a geophysics approach.

MARCH 2022 UnknownPP
978-1-78630-798-9 CL \$165.00 (Japan)
Soil Constructions & Geotechnics

化学工学

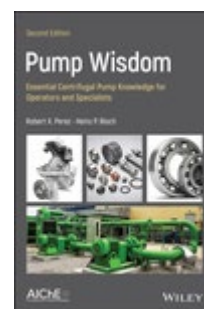
Pump Wisdom

Essential Centrifugal Pump Knowledge for Operators and Specialists, 2nd Edition

ROBERT X. PEREZ & HEINZ P. BLOCH

Process Machinery Consulting, West Des Moines, Iowa

The Second Edition of *Pump Wisdom: Essential Centrifugal Pump Knowledge for Operators and Specialists* delivers a concise explanation of how pumps function, the design specifications that must be considered before purchasing a pump, and current best practices in lubrication and mechanical seals.



Readers will encounter new startup and surveillance tips for pump operators, as well as additional repair and replace considerations for maintenance decision makers, new condition monitoring guidance for centrifugal pumps, and expanded coverage of operator best practices.

This latest edition of *Pump Wisdom* includes expanded coverage of areas critical to achieving best-in-class pump reliability, including commonly encountered issues and easy-to-follow instructions for getting centrifugal pumps to operate safely and reliably.

This book also provides:

- Comprehensive and accessible explanations of pump hydraulics
- Simple explorations of the mechanical aspects of pumps with coverage of bearings, seals, impeller trimming, lubricant application, and more
- Safety tips and instructions for centrifugal pumps

Perfect for chemical, petroleum, and mechanical engineers, *Pump Wisdom: Essential Centrifugal Pump Knowledge for Operators and Specialists* is also an ideal resource for operators, managers, purchasing agents, machinists, reliability technicians, and maintenance workers in water and wastewater plants.

MARCH 2022 272PP
978-1-119-74818-2 CL \$89.95 (Japan)
PROCESS DEVELOPMENT

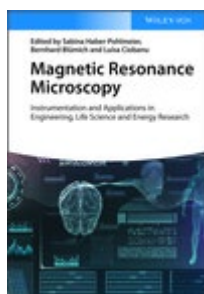
化学

Magnetic Resonance Microscopy

Technology and Applications

EDITOR SABINE HABER-POHLMIEIER, EDITOR BERNHARD BLUMICH & EDITOR LUISA CIOBANU

This book provides an up-to-date overview of the methods, hardware and approaches in magnetic resonance microscopy. A wide range of applications are discussed in material science and engineering, life sciences and electrochemical systems.



MARCH 2022 450PP
978-3-527-34760-5 CL \$185.00 (Japan)
NMR Spectroscopy / MRI / Imaging

Biodegradable Waste Management in the Circular Economy

Challenges and Opportunities

EDITOR MALGORZATA KACPRZAK, EDITOR ELEONORE ATTARD, EDITOR KARI-ANNE LYG, EDITOR HELENA RACLAVSKA, EDITOR BALRAM SINGH, EDITOR EYOB TESFAMARIAM & EDITOR FRANCK VANDENBULCKE

The volume of biodegradable waste produced worldwide is progressively increasing--a trend that is predicted to continue well into the foreseeable future.

Developing sustainable, cost-effective, and eco-friendly approaches for processing food waste, agricultural and organic industrial waste, cardboard, biodegradable plastics, sewage sludge, and other types of biodegradable waste is one of the most significant challenges of the coming decades.



Biodegradable Waste Management in the Circular Economy provides a detailed overview of the latest advances in the management of biomass for economic development. Featuring contributions from an interdisciplinary team of experts, this comprehensive resource addresses various technologies and strategies for recycling organic matter and many other renewable compounds. In-depth chapters describe the concept of circular economy, identify new sources of biodegradable waste, explore technologies for the production of biodegradable waste end-products, discuss the positive and negative effects of end-products on soil and the environment, and more. Throughout the text, the authors explore systematic approaches for secure biodegradable management in various countries and regions around the world.

Reflecting the latest trends in the rapidly changing field, *Biodegradable Waste Management in the Circular Economy* is essential reading for researchers, engineers, scientists, and consultants working in waste engineering and management, resource recovery, renewable resources, environmental science, agricultural and environmental engineering, soil science, and bioenergy.

APRIL 2022 592PP
978-1-119-67984-4 CL \$175.00 (Japan)
Environmental Chemistry

Chemometrics and Cheminformatics in Aquatic Toxicology

KUNAL ROY

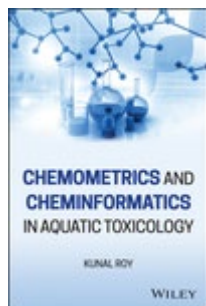
Explore chemometric and cheminformatic techniques and tools in aquatic toxicology

Chemometrics and Cheminformatics in Aquatic Toxicology delivers an exploration of the existing and emerging problems of contamination of the aquatic environment through various metal and organic pollutants, including industrial chemicals, pharmaceuticals, cosmetics, biocides, nanomaterials, pesticides, surfactants, dyes, and more. The book discusses different chemometric and cheminformatic tools for non-experts and their application to the analysis and modeling of toxicity data of chemicals to various aquatic organisms.

You'll learn about a variety of aquatic toxicity databases and chemometric software tools and webserver as well as practical examples of model development, including illustrations. You'll also find case studies and literature reports to round out your understanding of the subject. Finally, you'll learn about tools and protocols including machine learning, data mining, and QSAR and ligand-based chemical design methods.

Perfect for researchers and students in chemistry and the environmental and pharmaceutical sciences, *Chemometrics and Cheminformatics in Aquatic Toxicology* will also earn a place in the libraries of professionals in the chemical industry and regulators whose work involves chemometrics.

MARCH 2022 592PP
978-1-119-68159-5 CL \$225.00 (Japan)
Environmental Toxicology



Supported Metal Single Atom Catalysis

EDITOR PHILIPPE SERP & EDITOR DOAN PHAM MINH

The book gives a comprehensive overview of the emerging field of supported metal single atom catalysis, covering synthesis and preparation, characterization methods, modeling, as well as important applications in thermal-, electro- and photocatalysis.

MARCH 2022 688PP
978-3-527-34844-2 CL \$176.17 (Japan)
Catalysis

Risk Assessment

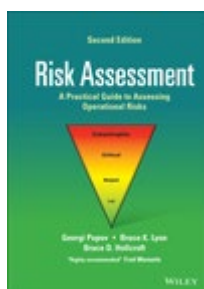
A Practical Guide to Assessing Operational Risks

2nd Edition

GEORGI POPOV, BRUCE K. LYON & BRUCE HOLLICROFT

Explore the fundamentals of risk assessment with references to the latest standards, methodologies, and approaches

The Second Edition of *Risk Assessment: A Practical Guide to Assessing Operational Risks* delivers a practical exploration of a wide array of risk assessment tools in the contexts of preliminary hazard analysis, job safety analysis, task analysis, job risk assessment, personnel protective equipment hazard assessment, failure mode and effect analysis, and more.



The distinguished authors discuss the latest standards, theories, and methodologies covering the fundamentals of risk assessments, as well as their practical applications for safety, health, and environmental professionals with risk assessment responsibilities. "What If"/Checklist Analysis Methods are included for additional guidance.

Now in full color, the book includes interactive exercises, links, videos, and online risk assessment tools that can be immediately applied by working practitioners. The authors have also included:

- Material that reflects the latest updates to ISO standards, the ASSP Technical Report, and the ANSI Z590.3 Prevention through Design standard
- New hazard phrases for chemical hazards in the Globally Harmonized System, as well as NIOSH's new occupational exposure banding tool
- The new risk-based approach featured in the NAVY IH Field Manual

An indispensable resource for employed safety professionals in a variety of industries, business leaders and staff personnel with safety responsibilities, and environmental engineers *Risk Assessment: A Practical Guide to Assessing Operational Risks* is also useful for students in safety, health, and environmental science courses.

MARCH 2022 480PP
978-1-119-75592-0 CL \$140.00 (Japan)
CHEMICAL AND ENVIRONMENTAL HEALTH AND SAFETY

Principles of Biomedical Sciences and Industry

Translating Ideas into Treatments

MARKUS HINDER, ALEXANDER SCHUHMACHER, JORG GOLDHAHN & DOMINIK HARTL

This practice-oriented guide combines the experience from four major areas within the biomedical industry: pharmaceuticals, diagnostics, biomaterials, medical devices. It covers the entire product lifecycle, from translating a scientific finding into a prototype to product launch and portfolio management. Case studies from different biomeal product types, including combination products, illustrate the general principles and translate them into everyday practice. This guide is aimed at advanced students and young professionals pursuing a career in the biomedical and healthcare industries.



MARCH 2022 360PP
978-3-527-34571-7 CL \$115.00 (Japan)
Pharmaceutical & Medicinal Chemistry

The Fundamentals of Clinical Research

A Universal Guide for Implementing Good Clinical Practice

P. MICHAEL DUBINSKY & KAREN A. HENRY

This book focuses on the practical application of good clinical practice (GCP) fundamentals and provides insight into roles and responsibilities included in planning, executing, and analyzing clinical trials. The authors describe the design of quality into clinical trial planning and the application of regulatory, scientific, administrative, business, and ethical considerations.



- Describes the design of quality into the clinical trial planning
- Includes end-of-chapter questions and answers to check learning and comprehension
- Has a separate instructor's guide available for registered adopters

MARCH 2022 544PP
978-1-118-94959-7 CL \$175.00 (Japan)
Drug Discovery & Development

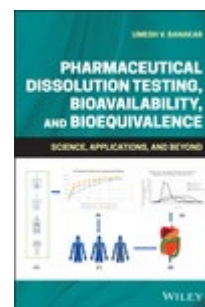
Pharmaceutical Dissolution Testing, Bioavailability, and Bioequivalence

Science, Applications, and Beyond

UMESH V. BANAKAR

Explore the cutting-edge of dissolution testing in an authoritative, one-stop resource

In *Pharmaceutical Dissolution Testing, Bioavailability, and Bioequivalence: Science, Applications, and Beyond*, distinguished pharmaceutical advisor and consultant Dr. Umesh Banakar delivers a comprehensive and up-to-date reference covering the established and emerging roles of dissolution testing in pharmaceutical drug development.



After discussing the fundamentals of the subject, the included resources go on to explore common testing practices and methods, along with their associated challenges and issues, in the drug development life cycle.

Over 19 chapters and 1100 references allow practicing scientists to fully understand the role of dissolution, apart from mere quality control. Readers will discover a wide range of topics, including automation, generic and biosimilar drug development, patents, and clinical safety.

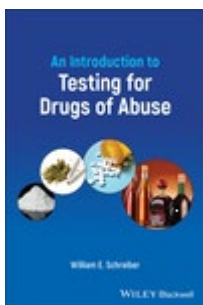
This edited volume offers a one-stop resource for information otherwise scattered amongst several different regulatory regimes. Ideal for drug product development and formulation scientists, quality control and assurance professionals, and regulators, *Pharmaceutical Dissolution Testing, Bioavailability, and Bioequivalence* is also the perfect resource for intellectual property assessors.

MARCH 2022 544PP
978-1-119-63460-7 CL \$195.00 (Japan)
Drug Discovery & Development

An Introduction to Testing for Drugs of Abuse

WILLIAM E. SCHREIBER

An Introduction to Testing for Drugs of Abuse presents a distilled set of facts about the major drugs of abuse that are encountered in clinical practice. Individual chapters highlight the similarities in chemical structure, mechanism of action, and physiologic effects of each drug group, as well as their metabolism, therapeutic uses and potential for misuse or abuse. Special attention is given to the testing process, with an emphasis on interpretation of test results.



Informative and entertaining cases appear at the end of each chapter. These cases illustrate the many situations in which drug testing is performed for medical, legal and employment purposes.

Written in clear, concise language, this book provides practical guidance to pathologists, clinical chemists and technologists who are responsible for reporting and interpreting the results of drug analyses. It will be especially useful to residents and students who are learning about toxicology for the first time. Clinical practitioners -- doctors, nurses, pharmacists and other health care professionals -- will find the information they need to order and interpret drug tests accurately.

MARCH 2022 192PP
978-1-119-79405-9 PB \$80.00 (Japan)
Toxicology

Efficiently Studying Organic Chemistry

Exam Training for Chemists, Biochemists,
Pharmacists, Life and Health Scientists

3rd Edition

EBERHARD BREITMAIER

University of Bonn, Germany

A compact and concise textbook for effective exam training and self-examination. The perfect fit for bachelor and master students alike.

MARCH 2022 330PP
978-3-527-35056-8 PB \$55.95 (Japan)
Organic Chemistry

Organic Chemistry I Workbook For Dummies

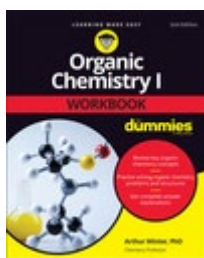
2nd Edition

ARTHUR WINTER, AMES, UNITED STATES

University of Maryland, College Park, MD

Need help with organic chemistry? Get extra practice with this workbook

If you're looking for a little extra help with organic chemistry than your Organic Chemistry I class offers, *Organic Chemistry I Workbook For Dummies* is exactly what you need! It lets you take the theories you're learning (and maybe struggling with) in class and practice them in the same format you'll find on class exams and other licensing exams, like the MCAT. It offers tips and tricks to memorize difficult concepts and shortcuts to solving problems.



This reference guide and practice book explains the concepts of organic chemistry (such as functional groups, resonance, alkanes, and stereochemistry) in a concise, easy-to-understand format that helps you refine your skills. It also includes real practice with hundreds of exam questions to test your knowledge.

- Walk through the answers and clearly identify where you went wrong (or right) with each problem
- Get practical advice on acing your exams
- Use organic chemistry in practical applications

Organic Chemistry I

Workbook For Dummies provides you with opportunities to review the material and practice solving problems based on the topics covered in a typical Organic Chemistry I course. With the help of this practical reference, you can face down your exam and pass on to Organic Chemistry II with confidence!

MARCH 2022 400PP
978-1-119-85577-4 PB \$24.99 (Japan)
ORGANIC CHEMISTRY

Handbook of Aggregation-Induced Emission

YOUHONG TANG & BEN ZHONG TANG

Flinders University, Australia; The Hong Kong University of Science & Technology, Hong Kong

The *Handbook of Aggregation-Induced Emission* explores foundational and advanced topics in aggregation-induced emission, as well as cutting-edge developments in the field, celebrating twenty years of progress and achievement in this important and interdisciplinary field. The three volumes combine to offer readers a comprehensive and insightful interpretation accessible to both new and experienced researchers working on aggregation-induced emission.



Perfect for academic researchers working on aggregation-induced emission, this set of volumes is also ideal for professionals and students in the fields of photophysics, photochemistry, materials science, optoelectronic materials, synthetic organic chemistry, macromolecular chemistry, polymer science, and biological sciences.

MARCH 2022 1488PP
978-1-119-64305-0 CL \$750.00 (Japan)
Photochemistry

Handbook of Aggregation-Induced Emission, Volume 1

Tutorial Lectures and Mechanism Studies

YOUHONG TANG & BEN ZHONG TANG

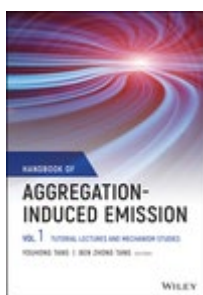
Department of Chemistry, The Hong Kong University of Science and Technology, China

In this first volume of three, the editors survey the subject of aggregation-induced emission with a focus on the fundamentals of various branches of the discipline, such as crystallization-induced emission, room temperature phosphorescence, aggregation-induced delayed fluorescence, and more. This book covers the new properties of materials endowed by molecular aggregates. It also includes:

- A thorough introduction to the mechanistic understanding of the importance of molecular motion to aggregation-induced emission
- An exploration of the aggregation-induced emission mechanism at the molecular level
- Practical discussions of aggregation-induced emission from the restriction of double bond rotation at the excited state, and clusterization-triggered emission

Perfect for academic researchers working on aggregation-induced emission, this set of volumes is also ideal for professionals and students in the fields of photophysics, photochemistry, materials science, optoelectronic materials, synthetic organic chemistry, macromolecular chemistry, polymer science, and biological sciences.

MARCH 2022 654PP
978-1-119-64291-6 CL \$250.00 (Japan)
Photochemistry



Handbook of Aggregation-Induced Emission, Volume 2

Typical AIEgens Design

YOUHONG TANG & BEN ZHONG TANG

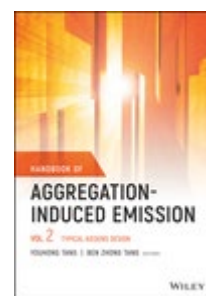
Department of Chemistry, The Hong Kong University of Science and Technology, China

In *Volume 2: Typical AIEgens Design*, the editors address the design and synthesis of typical AIEgens that have made significant contributions to aggregation-induced emission research. Recent advances in the development of aggregation-induced emission systems are discussed and the book covers novel aggregation-induced emission systems in small molecule organogels, polymersomes, metal-organic coordination complexes and metal nanoclusters. Readers will also discover:

- A thorough introduction to the synthesis and applications of tetraphenylpyrazine-based AIEgens, AIEgens based on 9,10-distyrylanthracene, and the Salicylaldehyde Schiff base
- Practical discussions of aggregation-induced emission from the sixth main group and fluorescence detection of dynamic aggregation processes using AIEgens
- Coverage of cyclic triimidazole derivatives and the synthesis of multi-phenyl-substituted pyrrole based materials and their applications

Perfect for academic researchers working on aggregation-induced emission, this set of volumes is also ideal for professionals and students in the fields of photophysics, photochemistry, materials science, optoelectronic materials, synthetic organic chemistry, macromolecular chemistry, polymer science, and biological sciences.

MARCH 2022 608PP
978-1-119-64298-5 CL \$250.00 (Japan)
Photochemistry



Handbook of Aggregation-Induced Emission, Volume 3

Emerging Applications

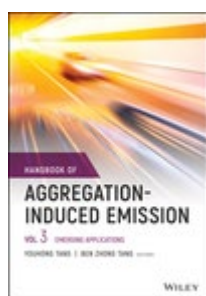
YOUHONG TANG & BEN ZHONG TANG

Department of Chemistry, The Hong Kong University of Science and Technology, China

In *Volume 3: Emerging Applications*, the editors address the applications of AIEgens in several fields, including bio-imaging, fluorescent molecular switches, electrochromic materials, regenerative medicine, detection of organic volatile contaminants, hydrogels, and organogels. Topics covered include:

- AIE-active emitters and their applications in OLEDs, and circularly polarized luminescence of aggregation-induced emission materials
- AIE polymer films for optical sensing and energy harvesting, aggregation-induced electrochemiluminescence, and mechanoluminescence materials with aggregation-induced emission
- Dynamic super-resolution fluorescence imaging based on photoswitchable fluorescent spiropyran
- Visualization of polymer microstructures
- Self-assembly of micelle and vesicles
- New strategies for biosensing and cell imaging

Perfect for academic researchers working on aggregation-induced emission, this set of volumes is also ideal for professionals and students in the fields of photophysics, photochemistry, materials science, optoelectronic materials, synthetic organic chemistry, macromolecular chemistry, polymer science, and biological sciences.



MARCH 2022 496PP
978-1-119-64299-2 CL \$250.00 (Japan)
Photochemistry

Electrochemical Methods

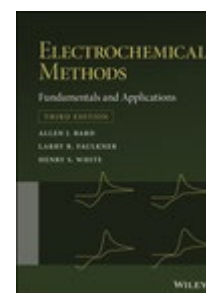
Fundamentals and Applications, 3rd Edition

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.

MARCH 2022 864PP
978-1-119-33406-4 CL \$159.95 (Japan)
ELECTROCHEMISTRY

古典学

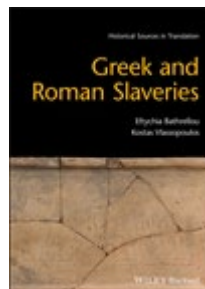
Greek and Roman Slaveries

KOSTAS VLASSOPOULOS & EFTYCHIA BATHRELOU

University of Nottingham; University of Edinburgh

A rich and stimulating exploration of sources shedding light on slavery in Greek and Roman societies

Greek and Roman Slaveries offers readers an engaging and interactive approach to the complex economic, social, and political processes and contexts in which slavery was employed by Greek and Roman societies. At the same time, this sourcebook places the agency of enslaved persons at center stage, while also tracing changes over time and between different ancient slave systems.



Tackling a phenomenon that was fundamental to Greek and Roman cultures, and deeply affected all of their economic, social, political, and cultural practices, this book includes a rich collection of literary, epigraphic, papyrological, and archaeological sources, many of which largely unfamiliar to non-specialists. The sources range chronologically from the archaic period to late antiquity and cover the whole of the Mediterranean, the Near East, and temperate Europe.

Ideal for students taking undergraduate and graduate courses on ancient slavery, as well as courses on slavery more generally, *Greek and Roman Slaveries* is an indispensable sourcebook for students and scholars of History, Classics, Ancient History, Classical Archaeology, and the global study of slavery and race.

SERIES: BLACKWELL SOURCEBOOKS IN ANCIENT HISTORY

MARCH 2022 UnknownPP
978-1-118-96929-8 PB \$44.95 (Japan)
Ancient & Classical Studies

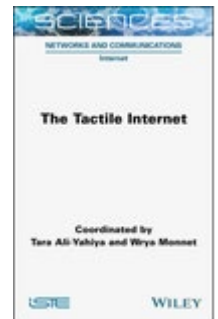
コンピューティング

The Tactile Internet

EDITOR TARA ALI-YAHIYA & EDITOR WRYA MONNET

The Tactile Internet will change the landscape of communication by introducing a new paradigm that enables the remote delivery of haptic data.

This book answers the many questions surrounding the Tactile Internet, including its reference architecture and adapted compression methods for conveying haptic information. It also describes the key enablers for deploying the applications of the Tactile Internet.



As an antecedent technology, the IoT is tackled, explaining the differences and similarities between the Tactile Internet, the Internet of Things and the Internet of Everything. The essentials of teleoperation systems are summarized and the challenges that face this paradigm in its implementation and deployment are also discussed.

Finally, a teleoperation case study demonstrating an application of the Tactile Internet is investigated to demonstrate its functionalities, architecture and performance.

MARCH 2022 256PP
978-1-78945-020-0 CL \$165.00 (Japan)
Internet General

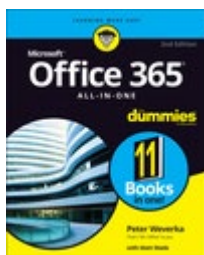
Office 365 All-in-One For Dummies

2nd Edition

PETER WEVERKA, SAN FRANCISCO, UNITED STATES & MATT WADE

Multiply your productivity with the world's most straightforward guide to the world's most popular office software

Microsoft Office 365 contains straightforward tools for virtually every office task you could possibly think of. And learning how to use this powerful software is much easier than you might expect! With the latest edition of *Office 365 All-in-One For Dummies*, you'll get a grip on some of the most popular and effective office software on the planet, including Word, Excel, PowerPoint, Outlook, Access, Publisher, and Teams.



This expanded handbook walks you through the ins and outs of reviewing and composing documents with Word, hosting and joining meetings with Teams, crunching numbers with Excel, and answering emails with Outlook. And it's ideal for anyone who's brand new to Office and those who just need a quick refresher on the latest useful updates from Microsoft.

In this one-stop reference, you'll find:

- Step-by-step instructions on the installation, maintenance, and navigation of all the critical components of Office 365
- Guidance for using Office 365's built-in online and cloud functionality
- Complete explanations of what every part of Office 365 is used for and how to apply them to your life

Office 365 All-in-One For Dummies is the last handbook you'll ever need to apply Microsoft's world-famous software suite to countless everyday tasks.

MARCH 2022 960PP
978-1-119-83070-2 PB \$39.99 (Japan)
OFFICE PRODUCTIVITY - MICROSOFT (GENERAL & OFFICE SUITE)

Office For Seniors For Dummies

FAITHE WEMPEN, NOBLESVILLE, UNITED STATES

Computer Support Technician and Trainer

Send emails, stay on top of your finances, and manage your everyday life with this no-experience-necessary Office 2021 handbook

Microsoft Office offers huge benefits to people of all ages. The popular software suite has always made creating to-do lists, sending emails, drafting documents, and processing spreadsheets a breeze, and the updates and upgrades found in Office 2021 make those tasks even easier.



Office For Seniors For Dummies offers step-by-step instructions to learn every part of Office 2021, including Word, Excel, and PowerPoint. This trusted guide starts at the very beginning, showing you how to start each application and understand the interface. It walks you through the most commonly used functions of each program and explains how to apply it in your everyday life. Written in large, crystal-clear type and full of helpful images and screenshots, the book also demonstrates how to:

- Stay in touch with friends and family using Office 2021's built-in communications tools, including Outlook
- Keep your finances up to date with functional spreadsheets in Excel
- Take advantage of existing Office templates for things like budgets, letters, faxes, and more

You don't have to be a computer scientist to get the most out of Office 2021. Let this handy guide clarify and demystify some of the most practical and user-friendly applications available today.

MARCH 2022 400PP
978-1-119-84457-0 PB \$29.99 (Japan)
OFFICE PRODUCTIVITY - MICROSOFT (GENERAL & OFFICE SUITE)

Excel VBA Programming For Dummies

6th Edition

MICHAEL ALEXANDER, MCKINNEY, UNITED STATES & DICK KUSLEIKA, OMAHA, UNITED STATES

McKinney, TX

Find out what Excel is capable of with this step-by-step guide to VBA

Short of changing the tires on your car, Microsoft Excel can do pretty much anything. And the possibilities are even more endless when you learn to program with Excel Visual Basic for Applications (VBA).

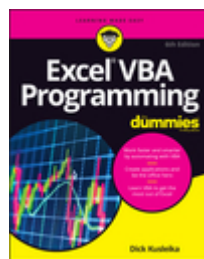
Regardless of your familiarity with Excel VBA, *Excel VBA Programming For Dummies* can enhance your experience with the popular spreadsheet software.

Pretty soon, you'll be doing things you didn't think were possible in Excel, from automating processes to writing your own worksheet functions. You'll learn how to:

- Understand the basic tools and operations of Visual Basic for Applications
- Create custom spreadsheet functions that make life easier for you and the people maintaining your spreadsheets
- Deal with errors and exceptions and eliminate the bugs in your code

Perfect for anyone who's never even heard of *Excel VBA*, *Excel VBA Programming For Dummies* is also a fantastic resource for intermediate and advanced Excel users looking for a heads-up on the latest features and newest functionality of this simple yet powerful scripting language.

MARCH 2022 UnknownPP
978-1-119-84307-8 PB \$39.99 (Japan)
MICROSOFT EXCEL



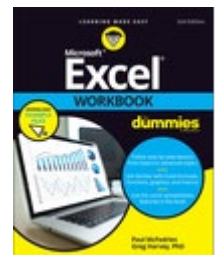
Excel Workbook For Dummies

2nd Edition

PAUL MCFEDRIES, TORONTO, ONTARIO, CANADA & GREG HARVEY, SAN FRANCISCO, UNITED STATES

Get practical walkthroughs for the most useful Excel features

Looking for easy-to-understand, practical guidance on how to go from Excel newbie to number crunching pro? *Excel Workbook For Dummies* is the hands-on tutorial you've been waiting for.



This step-by-step guide is packed with exercises that walk you through the basic and advanced functions and formulas included in Excel. At your own speed, you'll learn how to enter data, format your spreadsheet, and apply the mathematical and statistical capabilities of the program.

Work through the book from start to finish or, if you'd prefer, jump right to the section that's giving you trouble, whether that's data visualization, macros, analysis, or anything else. You can also:

- Brush up on and practice time-saving keyboard shortcuts for popular commands and actions
- Get a handle on multi-functional and practical pivot tables with intuitive practice exercises
- Learn to secure your data with spreadsheet password protections

Perfect for new users of Excel, *Excel Workbook For Dummies* is also the ideal resource for those who know their way around a spreadsheet but need a refresher on some of the more advanced features of this powerful program.

MARCH 2022 384PP
978-1-119-83215-7 PB \$29.99 (Japan)
MICROSOFT EXCEL

Financial Modeling in Excel For Dummies

2nd Edition

DANIELLE STEIN FAIRHURST, AUSTRALIA

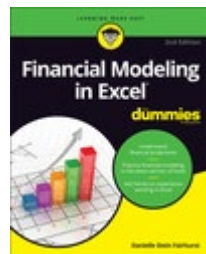
Turn your financial data into insightful decisions with this straightforward guide to financial modeling with Excel

Interested in learning how to build practical financial models and forecasts but concerned that you don't have the math skills or technical know-how? We've got you covered! Financial decision-making has never been easier than with *Financial Modeling in Excel For Dummies*. Whether you work at a mom-and-pop retail store or a multinational corporation, you can learn how to build budgets, project your profits into the future, model capital depreciation, value your assets, and more.

You'll learn by doing as this book walks you through practical, hands-on exercises to help you build powerful models using just a regular version of Excel, which you've probably already got on your PC. You'll also:

- Master the tools and strategies that help you draw insights from numbers and data you've already got
- Build a successful financial model from scratch, or work with and modify an existing one to your liking
- Create new and unexpected business strategies with the ideas and conclusions you generate with scenario analysis

Don't go buying specialized software or hiring that expensive consultant when you don't need either one. If you've got this book and a working version of Microsoft Excel, you've got all the tools you need to build sophisticated and useful financial models in no time!



MARCH 2022 352PP
978-1-119-84451-8 PB \$39.99 (Japan)
MICROSOFT EXCEL

Statistical Analysis with Excel For Dummies

5th Edition

JOSEPH SCHMULLER, JACKSONVILLE, UNITED STATES

Become a stats superstar by using Excel to reveal the powerful secrets of statistics

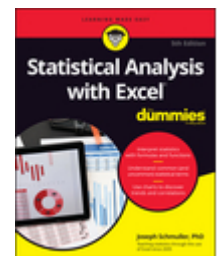
Microsoft Excel offers numerous possibilities for statistical analysis--and you don't have to be a math wizard to unlock them. In *Statistical Analysis with Excel For Dummies*, fully updated for the 2021 version of Excel, you'll hit the ground running with straightforward techniques and practical guidance to unlock the power of statistics in Excel.

Bypass unnecessary jargon and skip right to mastering formulas, functions, charts, probabilities, distributions, and correlations. Written for professionals and students without a background in statistics or math, you'll learn to create, interpret, and translate statistics--and have fun doing it!

In this book you'll find out how to:

- Understand, describe, and summarize any kind of data, from sports stats to sales figures
- Confidently draw conclusions from your analyses, make accurate predictions, and calculate correlations
- Model the probabilities of future outcomes based on past data
- Perform statistical analysis on any platform: Windows, Mac, or iPad
- Access additional resources and practice templates through Dummies.com

For anyone who's ever wanted to unleash the full potential of statistical analysis in Excel--and impress your colleagues or classmates along the way--*Statistical Analysis with Excel For Dummies* walks you through the foundational concepts of analyzing statistics and the step-by-step methods you use to apply them.



MARCH 2022 576PP
978-1-119-84454-9 PB \$39.99 (Japan)
MICROSOFT EXCEL

Outlook For Dummies

FAITHE WEMPEN, NOBLESVILLE, UNITED STATES

Computer Support Technician and Trainer

Learn all about the best application for emailing, scheduling, collaborating, and just plain getting stuff done

Did you know that Microsoft Outlook can do everything, including cook your dinner? Okay, it can't cook your dinner. But it can deliver your email, filter out the junk, help you organize your life, sync data to the cloud, integrate with iOS and Android, and about a zillion other things. *Outlook For Dummies* shows you how to work all the basic and advanced features of the Office 2021 version.



Outlook is loaded with interesting productivity tools that most people—even in business environments—don't know about. Did you know you can create automated mail-handling rules? Translate messages into other languages? Share your calendar with other people? It's true, and when people start wondering how you suddenly got to be so productive, you can tell them: *Outlook For Dummies*.

- Take a stroll around the basic interface and emailing capabilities of Outlook for Office 2021
- Use Outlook to create daily and monthly schedules, manage a to-do list, organize messages into folders, and make notes for later reference
- Discover advanced and little-known features that will help you get organized and stay on top of things
- Sync email across your devices and access Outlook from any computer, tablet, or phone

For users who are brand-new to Outlook and those upgrading to the latest version, this book makes it simple to get going.

MARCH 2022 400PP
978-1-119-82911-9 PB \$29.99 (Japan)
Microsoft Outlook

Diagnosis and Fault-tolerant Control 1

Data-driven and Model-based Fault Diagnosis Techniques

EDITOR VICENC PUIG & EDITOR SILVIO SIMANI

This book presents recent advances in fault diagnosis strategies for complex dynamic systems. Its impetus derives from the need for an overview of the challenges of the fault diagnosis technique, especially for those demanding systems that require reliability, availability, maintainability and safety to ensure efficient operations. Moreover, the need for a high degree of tolerance with respect to possible faults represents a further key point, primarily for complex systems, as modeling and control are inherently challenging, and maintenance is both expensive and safety-critical.



Diagnosis and Fault-tolerant Control 1 also presents and compares different diagnosis schemes using established case studies that are widely used in related literature. The main features of this book regard the analysis, design and implementation of proper solutions for the problems of fault diagnosis in safety critical systems. The design of the considered solutions involves robust data-driven, model-based approaches.

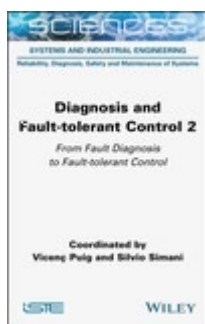
MARCH 2022 288PP
978-1-78945-058-3 CL \$165.00 (Japan)
Operating Systems (General)

Diagnosis and Fault-tolerant Control Volume 2

From Fault Diagnosis to Fault-tolerant Control

EDITOR VICENC PUIG & EDITOR SILVIO SIMANI

This book presents recent advances in fault diagnosis and fault-tolerant control of dynamic processes. Its impetus derives from the need for an overview of the challenges of the fault diagnosis technique and sustainable control, especially for those demanding systems that require reliability, availability, maintainability, and safety to ensure efficient operations. Moreover, the need for a high degree of tolerance with respect to possible faults represents a further key point, primarily for complex systems, as modeling and control are inherently challenging, and maintenance is both expensive and safety-critical.



Diagnosis and Fault-tolerant Control 2 also presents and compares different fault diagnosis and fault-tolerant schemes, using well established, innovative strategies for modeling the behavior of the dynamic process under investigation. An updated treatise of diagnosis and fault-tolerant control is addressed with the use of essential and advanced methods including signal-based, model-based and data-driven techniques. Another key feature is the application of these methods for dealing with robustness and reliability.

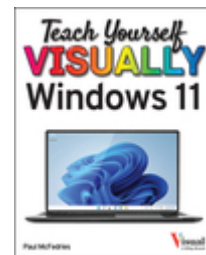
MARCH 2022 288PP
978-1-78945-059-0 CL \$165.00 (Japan)
OPERATING SYSTEMS (GENERAL)

Teach Yourself VISUALLY Windows 11

PAUL MCFEDRIES, TORONTO, ONTARIO, CANADA

**Everything you need to know about
Windows 11 in a single, visual book**

Teach Yourself VISUALLY Windows 11 collects all the resources you need to master the day-to-day use of Microsoft's new operating system and delivers them in a single resource. Fully illustrated, step-by-step instructions are combined with crystal-clear screenshots to walk you through the basic and advanced functions of Windows 11.



Teach Yourself VISUALLY Windows 11 offers the best visual learning techniques with comprehensive source material about the interface and substance of Windows 11, as well as:

- Stepwise guidance on working with files, digital pictures, and media
- Instructions for customizing Windows 11 and sharing your computer with family members
- Tutorials on installing and repairing applications, system maintenance, and computer security

The fastest, easiest way for visual learners to get a grip on Windows 11, *Teach Yourself VISUALLY Windows 11* is the best way to go from newbie to expert in no time at all.

SERIES: TEACH YOURSELF VISUALLY (TECH)

MARCH 2022 352PP
978-1-119-86644-2 PB \$29.99 (Japan)
OPERATING SYSTEMS / MICROSOFT WINDOWS

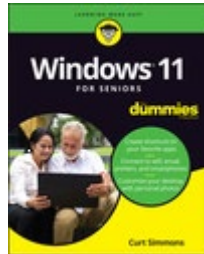
コミュニケーション

Windows 11 For Seniors For Dummies

CURT SIMMONS, SAINT JO, UNITED STATES & PETER WEVERKA,
SAN FRANCISCO, UNITED STATES

Don't call your tech guru for help--get this book and help yourself!

What do you want to do with your Windows computer? Sign up for Facebook to keep up with your friends? Watch a video taken during the latest family trip? Find your latest email messages with a single click of the mouse? Look no further than *Windows 11 For Seniors For Dummies* to discover how to do these tasks and others that you depend on a daily basis. With this guide to the popular operating system, you find the clear and easy instructions to checking tech tasks off your to-do list.



This book focuses on giving you the steps--with plenty of helpful illustrations--you need to complete the essential tasks that you perform throughout your day, like connecting with friends on social media, customizing your Windows 11 desktop with personal photos, and emailing the family about weekend plans. You also find out how to navigate Windows 11 and enhance it with the apps and widgets that you use. Other topics include:

- Adding shortcuts to favorite apps
- Personalizing your desktop
- Creating your private Windows account
- Setting up the email app
- Having news delivered to your desktop
- Chasing down lost files
- Tweaking your digital photos
- Setting your security and forgetting about it

Reach for *Windows 11 For Seniors For Dummies* whether you need a basic introduction to Windows, want a refresher on Windows 11, or have a question you want answered right away. You can then spend less time looking for help on how your computer works and more time enjoying the fun parts of life.

MARCH 2022 UnknownPP
978-1-119-84650-5 PB \$24.99 (Japan)
OPERATING SYSTEMS / MICROSOFT WINDOWS

The Podcaster's Dilemma

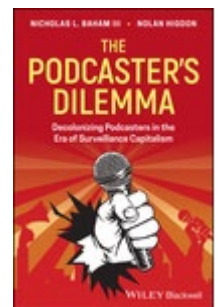
Decolonizing Podcasters in the Era of Surveillance Capitalism

NICHOLAS BAHAM III & NOLAN HIGDON

California State University East Bay, CA

A fascinating exploration of modern podcasting as a tool for decolonization

In *The Podcaster's Dilemma: Decolonizing Podcasters in the Era of Surveillance Capitalism*, Drs. Nolan Higdon and Nicholas Baham III connect contemporary podcasting to the broader history of the use of radio technology in the service of anti-colonial struggle and revolution. By organizing the book's analysis of decolonization through podcasting via three distinct activities--interrogation and critique, counter-narrative, and call to action--the authors create a lens through which they analyze and evaluate the decolonizing potential of new podcasts.



The book also critiques the threat to the decolonizing efforts of some modern podcasts by the growing phenomena of surveillance capitalism and the emerging podcast oligopoly. *The Podcaster's Dilemma* reveals both potential and challenges in the podcasting space as podcasters struggle to put forward insightful new narratives funded by anti-capitalist models.

The Podcaster's Dilemma: Decolonizing Podcasters in the Era of Surveillance Capitalism is an indispensable new resource for critical media, communications, ethnic studies, and political science scholars, as well as undergraduate and graduate students. It is also perfect for anyone interested in the broad expansion of intersectional voices in dialogue about everything from political organizing to plant-based diets.

MARCH 2022 160PP
978-1-119-78988-8 PB \$39.95 (Japan)
Mass Communication & The Media

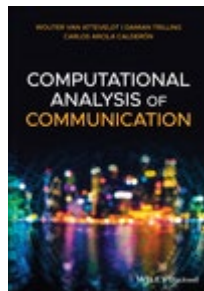
コンピュータサイエンス

Computational Analysis of Communication

WOUTER VAN ATTEVELDT, DAMIAN TRILLING & CARLOS
ARCILA CALDERON

**Provides clear guidance on
leveraging computational techniques
to answer social science questions**

In disciplines such as political science, sociology, psychology, and media studies, the use of computational analysis is rapidly increasing. Statistical modeling, machine learning, and other computational techniques are revolutionizing the way electoral results are predicted, social sentiment is measured, consumer interest is evaluated, and much more. *Computational Analysis of Communication* teaches social science students and practitioners how computational methods can be used in a broad range of applications, providing discipline-relevant examples, clear explanations, and practical guidance.



Assuming little or no background in data science or computer linguistics, this accessible textbook teaches readers how to use state-of-the-art computational methods to perform data-driven analyses of social science issues. A cross-disciplinary team of authors—with expertise in both the social sciences and computer science—explains how to gather and clean data, manage textual, audio-visual, and network data, conduct statistical and quantitative analysis, and interpret, summarize, and visualize the results.

Computational Analysis of Communication is an invaluable textbook and reference for students taking computational methods courses in social sciences, and for professional social scientists looking to incorporate computational methods into their work.

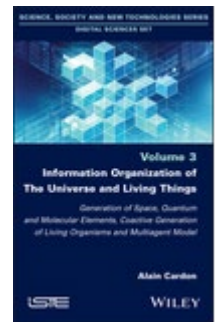
MARCH 2022 336PP
978-1-119-68023-9 PB \$49.95 (Japan)
Communication Studies

Information Organization of the Universe and Living Things

Generation of Space, Quantum and Molecular
Elements, Coactive Generation of Living Organism

ALAIN CARDON

The universe is considered an expansive informational field subjected to a general organizational law. The organization of the deployment results in the emergence of an autonomous organization of spatial and material elements endowed with permanence, which are generated on an informational substratum where an organizational law is exercised at all scales. The initial action of a generating informational element produces a quantity of basic informational elements that multiply to form other informational elements that will either be neutral, constituting the basic spatial elements, or active, forming quantum elements.



The neutral basic elements will form the space by a continuous aggregation and will represent the substrate of the informational links, allowing the active informational elements to communicate, in order to aggregate and organize themselves. Every active element is immersed in an informational envelope, allowing it to continue its organization through constructive communications. The organizational law engages the active quantum elements to aggregate and produce new and more complex quantum elements, then molecular elements, massive elements, suns and planets. Gravity will then be the force of attraction exerted by the informational envelopes of the aggregates depending on their mass, to develop them by acquisition of new aggregates.

The organizational communication of the informational envelopes of all of the physical material elements on Earth will enable the organization of living things, with reproduction managed by communications between the informational envelopes of the elements, realizing a continuous and powerful evolution.

MARCH 2022 208PP
978-1-78630-746-0 CL \$165.00 (Japan)
Computer Science - General Interest

(ISC)2 SSCP Systems Security Certified Practitioner Official Study Guide

3rd Edition

MIKE WILLIS

The only SSCP study guide officially approved by (ISC)2

The (ISC)2 Systems Security Certified Practitioner (SSCP) certification is a well-known vendor-neutral global IT security certification. The SSCP is designed to show that holders have the technical skills to implement, monitor, and administer IT infrastructure using information security policies and procedures.



This comprehensive Official Study Guide--the only study guide officially approved by (ISC)2--covers all objectives 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
- Systems and Application Security

This updated *Third Edition* covers the SSCP exam objectives effective as of November 2021. Much of the new and more advanced knowledge expected of an SSCP is now covered in a new chapter "Cross-Domain Challenges." If you're an information security professional or student of cybersecurity looking to tackle one or more of the seven domains of the SSCP, this guide gets you prepared to pass the exam and enter the information security workforce with confidence.

MARCH 2022 832PP
978-1-119-85498-2 PB \$60.00 (Japan)
NETWORKING / SECURITY

Website Design and Development with HTML5 and CSS3

HASSEN BEN REBAH, HAFEDH BOUKTHIR & ANTOINE CHEDEBOIS

Combining theory and practice, *Website Design and Development with HTML5 and CSS3* is aimed at both beginners who want to design their first website, and experienced developers who want to consolidate their technical skills.



This book addresses the theoretical aspects of HTML5 and CSS3, including: HTML elements, semantic containers, semantic text formatting, multimedia elements, forms, tables, definition and integration of CSS styles, text formatting, and container and box styles. It also encompasses a practical section which presents the process of creating a website, as well as the key rules to apply in order to not only achieve project success, but also to meet user needs. Illustrated by numerous examples, this book includes corrected practical work, structured according to an evolutionary logic ranging from the design of a simple HTML5 page to the creation of a professional website.

MARCH 2022 352PP
978-1-78630-696-8 CL \$165.00 (Japan)
Web Site Development / HTML

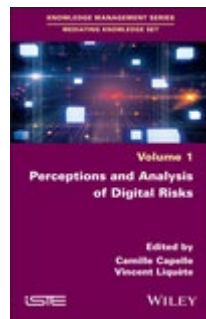
Perceptions and Analysis of Digital Risks

EDITOR CAMILLE CAPELLE & EDITOR VINCENT LIQUETE

The concept of digital risk, which has become ubiquitous in the media, sustains a number of myths and beliefs about the digital world. This book explores the opposite view of these ideologies by focusing on digital risks as perceived by actors in their respective contexts.

Perceptions and Analysis of Digital Risks identifies the different types of risks that concern actors and actually impact their daily lives, within education or various socio-professional environments. It provides an analysis of the strategies used by the latter to deal with these risks as they conduct their activities; thus making it possible to characterize the digital cultures and, more broadly, the informational cultures at work.

This book offers many avenues for action in terms of educating the younger generations, training teachers and leaders, and mediating risks.



MARCH 2022 240PP
978-1-78630-744-6 CL \$165.00 (Japan)
Data Mining & Knowledge Discovery

Machine Learning Techniques and Analytics for Cloud Security

RAJDEEP CHAKRABORTY, ANUPAM GHOSH & JYOTSNA KUMAR MANDAL

This book covers new methods, surveys, case studies, and policy with almost all machine learning techniques and analytics for cloud security solutions

The aim of Machine Learning Techniques and Analytics for Cloud Security is to integrate machine learning approaches to meet various analytical issues in cloud security. Cloud security with ML has long-standing challenges that require methodological and theoretical handling. The conventional cryptography approach is less applied in resource-constrained devices. To solve these issues, the machine learning approach may be effectively used in providing security to the vast growing cloud environment. Machine learning algorithms can also be used to meet various cloud security issues, such as effective intrusion detection systems, zero-knowledge authentication systems, measures for passive attacks, protocols design, privacy system designs, applications, and many more. The book also contains case studies/projects outlining how to implement various security features using machine learning algorithms and analytics on existing cloud-based products in public, private and hybrid cloud respectively.



Audience

Research scholars and industry engineers in computer sciences, electrical and electronics engineering, machine learning, computer security, information technology, and cryptography.

SERIES: ADVANCES IN LEARNING ANALYTICS FOR INTELLIGENT CLOUD-IOT SYSTEMS

MARCH 2022 470PP
978-1-119-76225-6 CL \$225.00 (Japan)
Artificial Intelligence

Machine Learning with Dynamics 365 and Power Platform

The Ultimate Guide to Apply Predictive Analytics

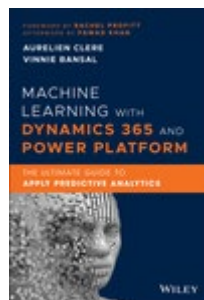
AURELIEN CLERE & VINNIE BANSAL, MANCHESTER, UNITED KINGDOM

Apply cutting-edge AI techniques to your Dynamics 365 environment to create new solutions to old business problems

In *Machine Learning with Dynamics 365 and Power Platform: The Ultimate Guide to Apply Predictive Analytics*, an accomplished team of digital and data analytics experts delivers a practical and comprehensive discussion of how to integrate AI Builder with Dataverse and Dynamics 365 to create real-world business solutions. It also walks you through how to build powerful machine learning models using Azure Data Lake, Databricks, Azure Synapse Analytics.

The book is filled with clear explanations, visualizations, and working examples that get you up and running in your development of supervised, unsupervised, and reinforcement learning techniques using Microsoft machine learning tools and technologies. These strategies will transform your business verticals, reducing costs and manual processes in finance and operations, retail, telecommunications, and manufacturing industries.

Perfect for Technical Consultants, software developers, and solution architects, *Machine Learning with Dynamics 365 and Power Platform* is also an indispensable guide for Chief Technology Officers seeking an intuitive resource for how to implement machine learning in modern business applications to solve real-world problems.



MARCH 2022 240PP
978-1-119-77129-6 CL \$49.95 (Japan)
Artificial Intelligence

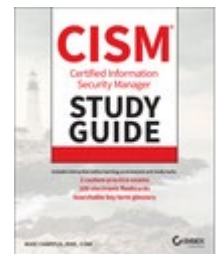
Certified Information Security Manager CISM Study Guide

MIKE CHAPPLE

University of Notre Dame

Sharpen your information security skills and grab an invaluable new credential with this unbeatable study guide

As cybersecurity becomes an increasingly mission-critical issue, more and more employers and professionals are turning to ISACA's trusted and recognized Certified Information Security Manager qualification as a tried-and-true indicator of information security management expertise.



In Wiley's *Certified Information Security Manager (CISM) Study Guide*, you'll get the information you need to succeed on the demanding CISM exam. You'll also develop the IT security skills and confidence you need to prove yourself where it really counts: on the job.

Chapters are organized intuitively and by exam objective so you can easily keep track of what you've covered and what you still need to study. You'll also get access to a pre-assessment, so you can find out where you stand before you take your studies further.

Sharpen your skills with Exam Essentials and chapter review questions with detailed explanations in all four of the CISM exam domains: Information Security Governance, Information Risk Management, Information Security Program Development and Management, and Information Security Incident Management.

Perfect for anyone prepping for the challenging CISM exam or looking for a new role in the information security field, the *Certified Information Security Manager (CISM) Study Guide* is an indispensable resource that will put you on the fast track to success on the test and in your next job.

MARCH 2022 448PP
978-1-119-80193-1 PB \$60.00 (Japan)
Computer Security & Cryptography

The CISO Evolution

Business Knowledge for Cybersecurity Executives

MATTHEW K. SHARP, NEW YORK & KYRIAKOS LAMBROS,
DENVER

**Learn to effectively deliver
business aligned
cybersecurity outcomes**

In *The CISO Evolution: Business Knowledge for Cybersecurity Executives*, information security experts Matthew K. Sharp and Kyriakos "Rock" Lambros deliver an insightful and practical resource to help cybersecurity professionals develop the skills they need to effectively communicate with senior management and boards. They assert business aligned cybersecurity is crucial and demonstrate how business acumen is being put into action to deliver meaningful business outcomes.



The authors use illustrative stories to show professionals how to establish an executive presence and avoid the most common pitfalls experienced by technology experts when speaking and presenting to executives. The book will show you how to:

- Inspire trust in senior business leaders by properly aligning and setting expectations around risk appetite and capital allocation
- Properly characterize the indispensable role of cybersecurity in your company's overall strategic plan
- Acquire the necessary funding and resources for your company's cybersecurity program and avoid the stress and anxiety that comes with underfunding

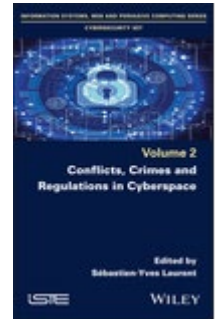
Perfect for security and risk professionals, IT auditors, and risk managers looking for effective strategies to communicate cybersecurity concepts and ideas to business professionals without a background in technology. *The CISO Evolution* is also a must-read resource for business executives, managers, and leaders hoping to improve the quality of dialogue with their cybersecurity leaders.

MARCH 2022 400PP
978-1-119-78248-3 CL \$49.95 (Japan)
Computer Security & Cryptography

Conflicts, Crimes and Regulations in Cyberspace

EDITOR SEBASTIEN-YVES LAURENT

The study of cyberspace is relatively new within the field of social sciences, yet interest in the subject is significant. *Conflicts, Crimes and Regulations in Cyberspace* contributes to the scientific debate being brought to the fore by addressing international and methodological issues, through the use of case studies.



This book presents cyberspace as a socio-technical system on an international level. It focuses on state and non-state actors, as well as the study of strategic concepts and norms. Unlike global studies, the socio-technical approach and "meso" scale facilitate the analysis of cyberspace in international relations. This is an area of both collaboration and conflict for which specific modes of regulation have appeared.

MARCH 2022 240PP
978-1-78630-686-9 CL \$165.00 (Japan)
Computer Security & Cryptography

文化研究

Hairless

Breaking the Vicious Circle of Hair Removal,
Submission and Self-hatred

BEL OLID & TRANSLATOR LAURA MCGLOUGHLIN

READERSHIP: A wide general
readership interested in gender and
social issues

MARCH 2022 120PP
978-1-5095-5018-0 CL \$45.00 (Japan)
978-1-5095-5019-7 PB \$12.95 (Japan)
Gender Studies



歯学

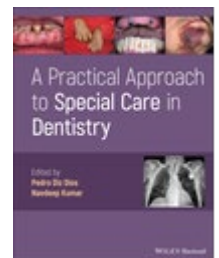
A Practical Approach to Special Care in Dentistry

EDITOR PEDRO DIZ DIOS & EDITOR NAVDEEP KUMAR

Santiago de Compostela University, Spain

**Learn to treat dental patients with
disabilities or who are medically
compromised**

A Practical Approach to Special Care in Dentistry delivers a comprehensive and robust overview of special care dentistry reflecting the most common compromised clinical conditions dentists will regularly encounter. It discusses more than 50 topics based on real-world clinical cases focusing on two main areas: patients with disabilities and medically compromised patients.



The book uses a problem-based learning approach and helps the reader to apply knowledge in a clinical case context. Each chapter contains a case report establishing the main risk factors relating to the provision of dental treatment. That is followed by a practical and realistic set of adaptations for the reader to follow to minimise the rate and severity of potential complications for their patient.

Perfect for general dentists, undergraduate students of odontology, and graduate students of special care dentistry, *A Practical Approach to Special Care in Dentistry* is also a must-read resource for dental specialists in special care dentistry, hospital odontology, geriatric odontology, oral surgery, and dental hygienists.

MARCH 2022 576PP
978-1-119-60004-6 CL \$105.00 (Japan)
General Dentistry

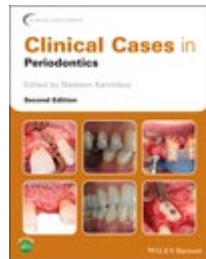
Clinical Cases in Periodontics

2nd Edition

NADEEM KARIMBUX

Harvard School of Dental Medicine, USA

The newly revised Second Edition of *Clinical Cases in Periodontics* delivers a comprehensive collection of clinical cases on critical topics within the discipline of periodontology. The book is thoroughly updated to incorporate recent developments in the field, along with new classifications of periodontal disease, common diagnoses, and a wide range of treatment options.



43 real-world clinical cases are discussed in this collection, including 8 brand-new cases unique to this edition, all of which include commentary and high-quality images to improve reader comprehension and understanding. The cases cover topics such as surgical and non-surgical treatment, regenerative therapy, mucogingival therapy, and interdisciplinary treatments.

Clinical Cases in Periodontics offers:

- A thorough introduction to periodontic examination and diagnosis, including documentation, plaque, and non-plaque induced gingivitis
- A comprehensive exploration of non-surgical periodontal therapy, including local anatomic factors contributing to periodontal disease and local drug delivery
- Practical discussions of resective periodontal therapy, including gingivectomy and flap osseous surgery
- In-depth examinations of regenerative therapy, including the treatment of furcation and guided bone regeneration
- The latest advances in inter-disciplinary care, encompassing orthodontics, prosthodontics, and implant dentistry

The latest edition of *Clinical Cases in Periodontics* is ideal for dental students, periodontology residents, dental practitioners, and anyone else seeking periodontal clinical case studies.

SERIES: CLINICAL CASES (DENTISTRY)

MARCH 2022 416PP
978-1-119-58395-0 PB \$119.99 (Japan)
PERIODONTOLOGY

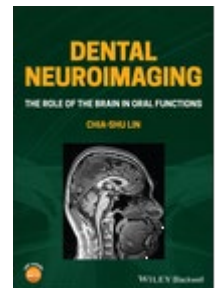
Dental Neuroimaging

The Role of the Brain in Oral Functions

CHIA-SHU LIN

Provides the latest neuroimaging-based evidence on the brain mechanisms of oral functions

Dental Neuroimaging: The Role of the Brain in Oral Functions provides an up-to-date overview of neuroimaging research on the neural mechanisms underlying mastication, swallowing, sensory processing, and other oral topics.



Divided into three parts, the book first introduces the theoretical framework of the brain-stomatognathic axis, clinical assessments for oral function, and neuroimaging methods. The second part presents recent neuroimaging findings of oral sensory and motor functions such as somatosensation, gustation, and orofacial pain and anxiety. The book concludes with a review of recent translational research and discussion of the application of neuroimaging in clinical management. Throughout the text, boxed sections highlight key information about cognitive neuroscience, imaging techniques, interpreting neuroimaging results, and relating research findings to clinical practice.

- Covers specific clinical applications of dental neuroimaging in geriatric dentistry and in brain plasticity and adaptation
- Summarizes classic research works in neuroscience and oral science
- Discusses potential clinical applications of neuroimaging in dental practice
- Features chapter summaries, further reading links, guided clinical scenarios, and numerous figures and tables

Offering a systematic introduction to brain science and how it relates to dental medicine, *Dental Neuroimaging: The Role of the Brain in Oral Functions* is essential reading for students and researchers in disciplines such as neuroscience, neuroanatomy, oral physiology, dentistry and oral healthcare, speech therapy, and oral rehabilitation.

MARCH 2022 320PP
978-1-119-72420-9 PB \$215.00 (Japan)
Oral Pathology

経済学

Orthodontic Treatment of Impacted Teeth

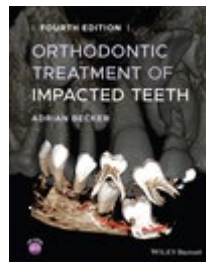
4th Edition

ADRIAN BECKER

Department of Orthodontics at the Hebrew
University-Hadassah School of Dental Medicine, Jerusalem

The new edition of the gold-standard clinical reference on addressing common, complex, and multifactorial clinical scenarios

Orthodontic Treatment of Impacted Teeth integrates the latest developments and scientific evidence to provide authoritative coverage of orthodontic diagnosis and treatment, radiographic methods, surgical access, treatment strategies, and more.



This new edition incorporates recent advances in research and presents up-to-date treatment recommendations for clinical practice. New and expanded chapters address topics such as abnormal root growth associated with tooth Impaction, improvements in the diagnosis of pathologic entities using cone-beam computed tomography (CBCT), root and crown resorption, and treating abnormal incisor root development caused by past trauma. Throughout the text, readers gain valuable insight into the management of impacted teeth in real-world practice, illustrated by updated cases from the author's own clinic.

- Provides protocols for common cases as well as complex and rare presentations
- Contains individual chapters on the specific aspects of the diagnosis and treatment of impaction in each of the different types of teeth
- Covers prevalence, etiology, diagnosis, attitudes to treatment, treatment timing, treatment methods, and prognosis
- Features more than 1,000 high-quality color images and illustrations

Orthodontic Treatment of Impacted Teeth, Fourth Edition, remains essential reading for all specialist orthodontists, academic researchers and instructors, oral and maxillofacial surgeons, and advanced students in orthodontics.

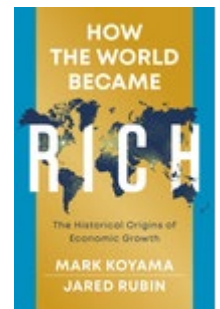
MARCH 2022 544PP
978-1-119-56537-6 CL \$199.99 (Japan)
ORTHODONTICS

How the World Became Rich

The Historical Origins of Economic Growth

MARK KOYAMA & JARED RUBIN

READERSHIP: Undergraduates doing introductory courses on economic history, world economic history, European economic history, the history of economic growth, the great divergence, the industrial revolution etc; general readers interested in economic history



MARCH 2022 240PP
978-1-5095-4022-8 CL \$69.95 (Japan)
978-1-5095-4023-5 PB \$24.95 (Japan)
Economic History

教育

Canvas LMS For Dummies

MARCUS PAINTER, WEST LAFAYETTE, UNITED STATES & EDDIE SMALL, SHELBYVILLE, UNITED STATES

Make digital learning effortless with Canvas

The potential of digital learning is limitless. But implementing it in the real-world can sometimes be a challenge, especially when you have to learn the ins and outs of a new platform. So, why not choose a learning management system (LMS) that actually makes your life, and the lives of your students, easier?

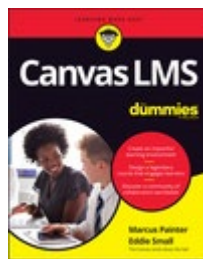
In *Canvas For Dummies*, a team of expert digital educators walks you through every important aspect of the hugely popular Canvas LMS. Written specifically for busy teachers hoping to make the most of the tools at their disposal, the book offers step-by-step instructions to design, build, and integrate a fully functional Canvas environment. From creating your first classroom home page to taking advantage of Canvas modules, you'll learn how to use the platform to engage your students and improve their learning.

Full of practical guidance and useful tips, this "how-to" handbook helps you:

- Navigate the creation of a blended learning environment and take advantage of the benefits of both in-person and online learning
- Manage collaborative environments and leverage Canvas modules to deliver a superior learning experience
- Integrate your Canvas modules with pre-existing, in-person material to create an intuitive environment

This book is an absolute necessity for any educator or parent hoping to improve student outcomes with the powerful tools included in the Canvas LMS.

MARCH 2022 UnknownPP
978-1-119-82842-6 PB \$24.99 (Japan)
Educational Research & Statistics



電気電子工学

Digital VLSI Design and Simulation with Verilog

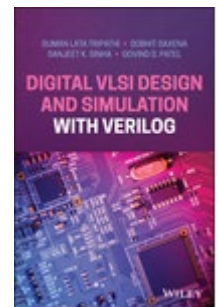
SUMAN LATA TRIPATHI, SOBHIT SAXENA, SANJEET K. SINHA & GOVIND S PATEL

Master digital design with VLSI and Verilog using this up-to-date and comprehensive resource from leaders in the field

Digital VLSI Design Problems and Solution with Verilog delivers an expertly crafted treatment of the fundamental concepts of digital design and digital design verification with Verilog HDL. The book includes the foundational knowledge that is crucial for beginners to grasp, along with more advanced coverage suitable for research students working in the area of VLSI design. Including digital design information from the switch level to FPGA-based implementation using hardware description language (HDL), the distinguished authors have created a one-stop resource for anyone in the field of VLSI design.

Through eleven insightful chapters, you'll learn the concepts behind digital circuit design, including combinational and sequential circuit design fundamentals based on Boolean algebra. You'll also discover comprehensive treatments of topics like logic functionality of complex digital circuits with Verilog, using software simulators like ISim of Xilinx.

Perfect for undergraduate and graduate students in electronics engineering and computer science engineering, *Digital VLSI Design Problems and Solution with Verilog* also has a place on the bookshelves of academic researchers and private industry professionals in these fields.



MARCH 2022 224PP
978-1-119-77804-2 CL \$125.00 (Japan)
Circuit Theory & Design / VLSI / ULSI

Digital Audio Signal Processing

3rd Edition

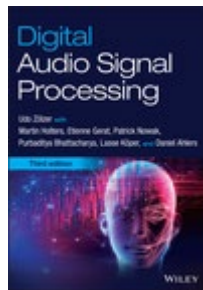
UDO ZOLZER

The fully revised new edition of the popular textbook, featuring additional MATLAB exercises and new algorithms for processing digital audio signals

Digital Audio Signal Processing (DASP) techniques are used in a variety of applications, ranging from audio streaming and computer-generated music to real-time signal processing and virtual sound processing.

Digital Audio Signal Processing provides clear and accessible coverage of the fundamental principles and practical applications of digital audio processing and coding. Throughout the book, the authors explain a wide range of basic audio processing techniques and highlight new directions for automatic tuning of different algorithms and discuss state-of-the-art DASP approaches. Now in its third edition, this popular guide is fully updated with the latest signal processing algorithms for audio processing. Entirely new chapters cover nonlinear processing, Machine Learning (ML) for audio applications, distortion, soft/hard clipping, overdrive, equalizers and delay effects, sampling and reconstruction, and more.

Balancing essential concepts and technological topics, *Digital Audio Signal Processing, Third Edition* remains the ideal textbook for advanced music technology and engineering students in audio signal processing courses. It is also an invaluable reference for audio engineers, hardware and software developers, and researchers in both academia and industry.



MARCH 2022 432PP
978-1-119-83267-6 CL \$129.95 (Japan)
AUDIO & SPEECH PROCESSING & BROADCASTING

Recording and Voice Processing, Volume 1

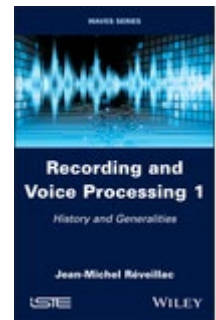
History and Generalities

JEAN MICHEL REVEILLAC

Capturing, recording and broadcasting the voice is often difficult. Many factors must be taken into account and achieving a true representation is much more complex than one might think.

The capture devices such as the position of the singer(s) or narrator(s), the acoustics, atmosphere and equipment are just some of the physical aspects that need to be mastered. Then there is the passage through the analog or digital channel, which disrupts the audio signal, as well as the processes that are often required to enrich, improve or even transform the vocal timbre and tessitura. While in the past these processes were purely material, today digital technologies and software produce surprising results that every professional in recording and broadcasting should know how to master.

Recording and Voice Processing 1 addresses some general theoretical concepts. A history of recording and the physiology of the vocal apparatus are detailed in order to give the reader an understanding of the fundamental aspects of the subject. This volume also includes an advanced study of microphones, addressing their characteristics and typologies. The acoustic environment and its treatment are also considered in terms of the location of the sound capture - whether in a home studio, recording studio, live or natural environment - in order to achieve a satisfactory sound recording.



MARCH 2022 240PP
978-1-78630-670-8 CL \$165.00 (Japan)
Audio & Speech Processing & Broadcasting

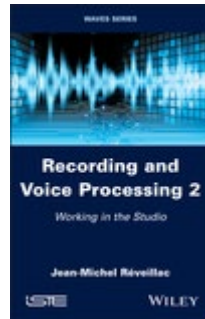
Recording and Voice Processing 2

JEAN-MICHEL REVEILLAC

Capturing, recording and broadcasting the voice is often difficult. Many factors must be taken into account and achieving a true representation is much more complex than one might think.

The capture devices such as the position of the singer(s) or narrator(s), the acoustics, atmosphere and equipment are just some of the physical aspects that need to be mastered. Then there is the passage through the analog or digital channel, which disrupts the audio signal, as well as the processes that are often required to enrich, improve or even transform the vocal timbre and tessitura. While in the past these processes were purely material, today digital technologies and software produce surprising results that every professional in recording and broadcasting should know how to master.

Recording and Voice Processing 2 focuses on live and studio voice recordings. It presents the various pieces of hardware and software necessary for voice recording, and details possible sound channel configurations based on recording location. An actual recording, and its various constraints, is then considered, addressing the pitfalls to avoid and the strategies to use in order to achieve a satisfactory result. Different special effects (vocoder, auto-tune, Melodyne, etc.) that can be used on the voice, whether spoken or sung, are also presented.



MARCH 2022 238PP
978-1-78630-738-5 CL \$165.00 (Japan)
Audio & Speech Processing & Broadcasting

Apple Watch For Dummies

2022 Edition

MARC SALTZMAN, THORNHILL, ON, CANADA

Make your Apple Watch your new best friend!

From accessing messages to getting quick directions, the latest smart watches do a whole lot more than just tell time. And the latest version of the Apple Watch is one of the most powerful iterations of these handy devices you can own.



In *Apple Watch For Dummies*, you'll get step-by-step guidance on how to use all the best features of the Apple Watch. You'll learn how to make payments with a flick of your wrist using Apple Pay, keep track of your activity and sleep, monitor your heart health in real time, and even turn your watch into a digital walkie-talkie.

This easy-to-read guide will also show you how to:

- Stay in touch by sending and receiving text messages and emails with your Apple Watch
- Track your fitness and sleep with Apple Watch, and have it monitor your health and even detect a sudden fall
- Learn how to stream Apple Music playlists and podcasts to wireless headphones
- Customize your watch face to look exactly the way you want it to look, from retro-chic to futuristic fun

Apple Watch For Dummies is a must-read resource for Apple enthusiasts everywhere. Whether you're an Apple Watch newbie or you've been using one since they first came out and just need a refresher, this book has everything you need to get the most out of one of the coolest pieces of wearable tech on the market today.

MARCH 2022 432PP
978-1-119-84640-6 PB \$29.99 (Japan)
MOBILE & WIRELESS COMMUNICATIONS

High-Density and De-Densified Smart Campus Communications

Technologies, Integration, Implementation and Applications

DANIEL MINOLI & JO-ANNE DRESSENDOFER

Stevens Institute of Technology, AT&T, Red Bank, New Jersey

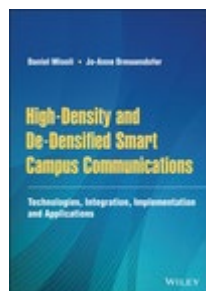
Discover how to design, deliver, and implement high-density communications solutions

High-Density Smart Campus Communications: Technologies, Integration, Implementation and Applications delivers a concise synthesis of the deployment technologies, strategies, and implementation issues that arise in the design and application of real-world high-density communications environments in airports, stadiums, convention centers, shopping malls, classrooms, hospitals, cruise ships, and more.

You'll learn future-oriented strategies for the implementation of next-generation Wi-Fi and 5G communications networks in high density environments, like smart airports, advanced airport robotics, and wayfinding. You'll also discover effective deployment strategies using a comprehensive case study based on a top-10 airport deployment by the Slice Wireless team.

The book includes information about security requirements, large and boutique solution providers, applications, unbundled services, implementation planning and design, as well as operations and network management. An epilogue written by Josie Jo-Anne Dressendofer of Slice Wireless concludes the text.

Perfect for telecommunication researchers and engineers, networking professionals, technology professionals, campus administrators, and equipment vendors, *High-Density Smart Campus Communications* will also earn a place in the libraries of senior undergraduate and graduate students in applied communications technologies.



MARCH 2022 368PP
978-1-119-71605-1 CL \$125.00 (Japan)
Mobile & Wireless Communications

Autonomous and Connected Vehicles

Network Architectures from Legacy Networks to Automotive Ethernet

DOMINIQUE PARET & HASSINA REBAINE

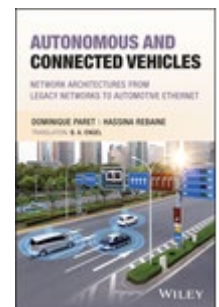
Philips Semiconductors, Paris, France

Discover the latest developments in autonomous vehicles and what the future holds for this promising technology

In *Autonomous & Connected Vehicles*, networking experts Dominique Paret and Hassina Rebaïne deliver a robust exploration of the major technological changes taking place in the field of autonomous and connected vehicles. The authors describe the different levels of autonomy possible with current technologies and the legal and regulatory contexts in which new autonomous vehicles will circulate. The book also includes discussions of the sensors, including infrared, ultrasound, cameras, lidar, and radar, used by modern autonomous vehicles.

Readers will enjoy the intuitive descriptions of Advanced Driver Assistance Systems (ADAS), network architectures (CAN-FD, FlexRay, and Backbone Ethernet), and software that power current and future autonomous vehicles. The authors also discuss how ADAS can be fused with data flowing over newer and faster network architectures and artificial intelligence to create greater levels of autonomy.

Perfect for graduate and undergraduate students in programs dealing with the intersection of wireless communication technologies and vehicles, *Autonomous & Connected Vehicles* is also a must-read reference for industry professionals and researchers seeking a one-stop reference for the latest developments in vehicle communications technology.



MARCH 2022 518PP
978-1-119-81612-6 CL \$140.00 (Japan)
Communication Technology - Networks

Smart and Sustainable Approaches for Optimizing Performance of Wireless Networks

Real-time Applications

EDITOR SHERIN ZAFAR, EDITOR MOHD ABDUL AHAD, EDITOR SYED IMRAN ALI, EDITOR DEEPA MEHTA & EDITOR M. AFSHAR ALAM

Explores the intersection of sustainable growth, green computing and automation, and performance optimization of 5G wireless networks

Smart and Sustainable Approaches for Optimizing Performance of Wireless Networks explores how wireless sensing applications, green computing, and Big Data analytics can increase the energy efficiency and environmental sustainability of real-time applications across areas such as healthcare, agriculture, construction, and manufacturing.

Bringing together an international team of expert contributors, this authoritative volume highlights the limitations of conventional technologies and provides methodologies and approaches for addressing Quality of Service (QoS) issues and optimizing network performance. In-depth chapters cover topics including blockchain-assisted secure data sharing, smart 5G Internet of Things (IoT) scenarios, intelligent management of ad hoc networks, and the use of Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL) techniques in smart healthcare, smart manufacturing, and smart agriculture.

Smart and Sustainable Approaches for Optimizing Performance of Wireless Networks: Real-time Applications is an essential resource for academic researchers and industry professionals working to integrate sustainable development and Information and Communications Technology (ICT).



MARCH 2022 320PP
978-1-119-68250-9 CL \$135.00 (Japan)
Communication Technology - Networks

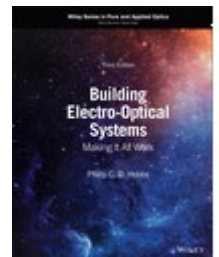
Building Electro-Optical Systems

Making It All Work, 3rd Edition

PHILIP C. D. HOBBS

IBM Thomas J. Watson Research Center

In the newly revised third edition of *Building Electro-Optical Systems: Making It All Work*, renowned Dr. Philip C. D. Hobbs delivers a birds-eye view of all the topics you'll need to understand for successful optical instrument design and construction. The author draws on his own work as an applied physicist and consultant with over a decade of experience in designing and constructing electro-optical systems from beginning to end.



The book's topics are chosen to allow readers in a variety of disciplines and fields to quickly and confidently decide whether a given device or technique is appropriate for their needs. Using accessible prose and intuitive organization, *Building Electro-Optical Systems* remains one of the most practical and solution-oriented resources available to graduate students and professionals.

The newest edition includes comprehensive revisions that reflect progress in the field of electro-optical instrument design and construction since the second edition was published. It also offers approximately 350 illustrations for visually oriented learners.

Perfect for graduate students in physics, electrical engineering, optics, and optical engineering, *Building Electro-Optical Systems* is also an ideal resource for professional designers working in optics, electro-optics, analog electronics, and photonics.

SERIES: WILEY SERIES IN PURE AND APPLIED OPTICS

MARCH 2022 832PP
978-1-119-43897-7 CL \$140.00 (Japan)
PHOTONICS & LASERS

Applied Smart Health Care Informatics

A Computational Intelligence Perspective

EDITOR SOURAV DE, EDITOR RIK DAS, EDITOR SIDDHARTHA BHATTACHARYYA & EDITOR UJJWAL MAULIK

Explores how intelligent systems offer new opportunities for optimizing the acquisition, storage, retrieval, and use of information in healthcare

Applied Smart Health Care Informatics explores how health information technology and intelligent systems can be integrated and deployed to enhance healthcare management.

Edited and authored by leading experts in the field, this timely volume introduces modern approaches for managing existing data in the healthcare sector by utilizing artificial intelligence (AI), meta-heuristic algorithms, deep learning, the Internet of Things (IoT), and other smart technologies.

Detailed chapters review advances in areas including machine learning, computer vision, and soft computing techniques, and discuss various applications of healthcare management systems such as medical imaging, electronic medical records (EMR), and drug development assistance. Throughout the text, the authors propose new research directions and highlight the smart technologies that are central to establishing proactive health management, supporting enhanced coordination of care, and improving the overall quality of healthcare services.

Applied Smart Health Care Informatics: A Computational Intelligence Perspective is an invaluable text for graduate students, postdoctoral researchers, academic lecturers, and industry professionals working in the area of healthcare and intelligent soft computing.

SERIES: THE WILEY SERIES IN INTELLIGENT SIGNAL AND DATA PROCESSING

MARCH 2022 224PP
978-1-119-74317-0 CL \$125.00 (Japan)
Intelligent Systems & Agents



An Introduction to System Modeling and Control

JOHN CHIASSON

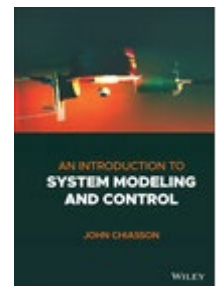
Boise State University, USA

A practical and straightforward exploration of the basic tools for the modeling, analysis, and design of control systems

In *An Introduction to System Modeling and Control*, Dr. Chiasson delivers an accessible and intuitive guide to understanding modeling and control for students in electrical, mechanical, and aerospace/aeronautical engineering. The book begins with an introduction to the need for control by describing how an aircraft flies complete with figures illustrating roll, pitch, and yaw control using its ailerons, elevators, and rudder, respectively. The book moves on to rigid body dynamics about a single axis (gears, cart rolling down an incline) and then to modeling DC motors, DC tachometers, and optical encoders. Using the transfer function representation of these dynamic models, PID controllers are introduced as an effective way to track step inputs and reject constant disturbances.

It is further shown how any transfer function model can be stabilized using output pole placement and on how two-degree of freedom controllers can be used to eliminate overshoot in step responses. Bode and Nyquist theory are then presented with an emphasis on how they give a quantitative insight into a control system's robustness and sensitivity. *An Introduction to System Modeling and Control* closes with chapters on modeling an inverted pendulum and a magnetic levitation system, trajectory tracking control using state feedback, and state estimation.

Perfect for electrical, mechanical, and aerospace/aeronautical engineering students, *An Introduction to System Modeling and Control* will also be an invaluable addition to the libraries of practicing engineers.



MARCH 2022 752PP
978-1-119-84289-7 CL \$154.95 (Japan)
Systems Engineering & Management

Change Detection and Image Time-Series Analysis 1

Unsupervised Methods

EDITOR ABDOURRAHMANE M. ATTO, EDITOR FRANCESCA BOVOLO & EDITOR LORENZO BRUZZONE

University of Trento, Italy

Change Detection and Image Time Series Analysis 1 presents a wide range of unsupervised methods for temporal evolution analysis through the use of image time series associated with optical and/or synthetic aperture radar acquisition modalities.

Chapter 1 introduces two unsupervised approaches to multiple-change detection in bi-temporal multivariate images, with Chapters 2 and 3 addressing change detection in image time series in the context of the statistical analysis of covariance matrices. Chapter 4 focuses on wavelets and convolutional-neural filters for feature extraction and entropy-based anomaly detection, and Chapter 5 deals with a number of metrics such as cross correlation ratios and the Hausdorff distance for variational analysis of the state of snow. Chapter 6 presents a fractional dynamic stochastic field model for spatio temporal forecasting and for monitoring fast-moving meteorological events such as cyclones. Chapter 7 proposes an analysis based on characteristic points for texture modeling, in the context of graph theory, and Chapter 8 focuses on detecting new land cover types by classification-based change detection or feature/pixel based change detection. Chapter 9 focuses on the modeling of classes in the difference image and derives a multiclass model for this difference image in the context of change vector analysis.



MARCH 2022 304PP
978-1-78945-056-9 CL \$165.00 (Japan)
Image and Video Processing

Change Detection and Image Time Series Analysis 2

Supervised Methods

EDITOR ABDOURRAHMANE M. ATTO, EDITOR FRANCESCA BOVOLO & EDITOR LORENZO BRUZZONE

University of Trento, Italy

Change Detection and Image Time Series Analysis 2 presents supervised machine-learning-based methods for temporal evolution analysis by using image time series associated with Earth observation data. Chapter 1 addresses the fusion of multisensor, multiresolution and multitemporal data. It proposes two supervised solutions that are based on a Markov random field: the first relies on a quad-tree and the second is specifically designed to deal with multimission, multifrequency and multiresolution time series.

Chapter 2 provides an overview of pixel based methods for time series classification, from the earliest shallow learning methods to the most recent deep-learning-based approaches.

Chapter 3 focuses on very high spatial resolution data time series and on the use of semantic information for modeling spatio-temporal evolution patterns.

Chapter 4 centers on the challenges of dense time series analysis, including pre processing aspects and a taxonomy of existing methodologies. Finally, since the evaluation of a learning system can be subject to multiple considerations,

Chapters 5 and 6 offer extensive evaluations of the methodologies and learning frameworks used to produce change maps, in the context of multiclass and/or multilabel change classification issues.



MARCH 2022 272PP
978-1-78945-057-6 CL \$165.00 (Japan)
IMAGE AND VIDEO PROCESSING

エネルギー

Energy Engineering, Volume 2: Reservoir Characterization

Fundamentals and Applications

FRED AMINZADEH

This second volume in the series, "Sustainable Energy Engineering," covers reservoir characterization, a huge part of the production process and crucial to the power generation supply chain. Long thought of as not being "sustainable," newly discovered sources of petroleum and newly developed methods for petroleum extraction have made it clear that not only can the petroleum industry march toward sustainability, but it can be made "greener" and more environmentally friendly. Sustainable energy engineering is where the technical, economic, and environmental aspects of energy production intersect and affect each other.

This collection of papers covers the strategic and economic implications of methods used to characterize petroleum reservoirs. Born out of the journal by the same name, formerly published by Scrivener Publishing, most of the articles in this volume have been updated, and there are some new additions, as well, to keep the engineer abreast of any updates and new methods in the industry. Truly a snapshot of the state-of-the-art, this groundbreaking volume is a must-have for any petroleum engineer working in the field, environmental engineers, petroleum engineering students, and any other engineer or scientist working with reservoirs.

MARCH 2022 572PP
978-1-119-55621-3 CL \$225.00 (Japan)
Natural Gas & Petroleum Products

Encyclopedia of Renewable Energy

JAMES G. SPEIGHT, LARAMIE, UNITED STATES

The world's energy industry is and has always been volatile, sometimes controversial, with wild swings upward and downward. This has, historically, been mostly because most of our energy has come from fossil fuels, which is a finite source of energy. Every so often, a technology comes along, like hydrofracturing, that is a game-changer. But it is, really? Aren't we just delaying the inevitable with these temporary price fixes?

The only REAL game-changer is renewable energy. For decades, renewable energy sources have been sought, developed, and studied. Sometimes wind is at the forefront, sometimes solar, and, for the last decade or so, there has been a surge in interest for biofeedstocks and biofuels. There are also the "old standbys" of nuclear and geothermal energy, which have both been around for a very long time.

This groundbreaking new volume presents these topics and trends in an encyclopedic format, as a go-to reference for the engineer, scientist, student, or even layperson who works in the industry or is simply interested in the topic. Compiled by one of the world's best-known and respected energy engineers, this is the most comprehensive and up-to-date encyclopedia of renewable energy ever written, a must-have for any library.

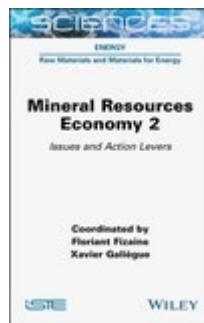
MARCH 2022 1270PP
978-1-119-36367-5 CL \$395.00 (Japan)
Renewable Energy

Mineral Resource Economy 2

Issues and Action Levers

EDITOR FLORIAN FIZAINE & EDITOR XAVIER GALIEGUE

The challenges associated with the environmental impact of renewable energies are formidable and multiple. The exploitation of diffuse forms of energy will require us to reshape our lifestyles and infrastructures. Reducing their environmental impact is imperative and requires the mobilization of all available levers of action.



Beyond the analysis of these challenges, this book presents an overview of the levers of action that should allow us to meet them, by crossing the fields of the human sciences, geosciences and engineering. The levers of action examined are both technical (through the substitution or use of low technology) and economic and social (through the development of recycling or decoupling). The book also addresses the question of their effectiveness and their overall impact.

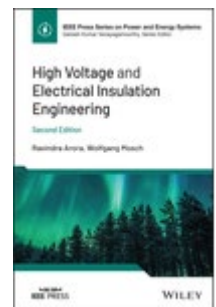
MARCH 2022 UnknownPP
978-1-78945-025-5 CL \$165.00 (Japan)
Renewable Energy

High Voltage and Electrical Insulation Engineering

2nd Edition

RAVINDRA ARORA & WOLFGANG MOSCH

A comprehensive graduate-level textbook on high voltage insulation engineering, updated to reflect emerging trends and techniques in the field



High Voltage and Electrical Insulation Engineering presents systematic coverage of the behavior of dielectric materials. This classic textbook opens with clear explanations of fundamental terminology, electric field classification, and field estimation techniques. Subsequent chapters describe the performance of gaseous, liquid, and solid dielectrics under different field conditions, and illustrate the monitoring of electrical insulation by both single and continuous online methods. Throughout the text, numerous tables, figures, diagrams, and images are provided to strengthen understanding of all material.

Fully revised to incorporate the most current measurement techniques, the second edition offers an entirely new chapter on condition monitoring of electrical insulation. Updated chapters discuss recent developments in gas-filled power apparatus, present-day trends in the use of liquid insulating materials, the latest applications of solid dielectrics in high voltage engineering, vacuum technology and liquid insulating materials, and more. This edition features a brand-new case study exploring the estimation of clearance requirements for 25 kV electric traction.

High Voltage and Electrical Insulation Engineering, Second Edition, remains the perfect textbook for graduate students, teachers, academic researchers, and utility and power industry engineers and scientists involved in the field.

SERIES: IEEE PRESS SERIES ON POWER AND ENERGY SYSTEMS

MARCH 2022 544PP
978-1-119-56887-2 CL \$145.95 (Japan)
POWER TECHNOLOGY & POWER ENGINEERING

Power System Protection

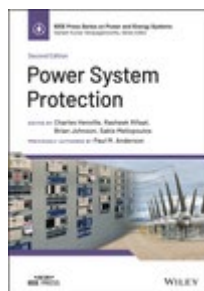
2nd Edition

PAUL M. ANDERSON, CHARLES HENVILLE, RASHEEK RIFAAT,
BRIAN JOHNSON & SAKIS MELIOPOULOS

Power Math Associates, Inc.

A newly updated guide to the protection of power systems in the 21st century

Power System Protection, 2nd Edition combines brand new information about the technological and business developments in the field of power system protection that have occurred since the last edition was published in 1998.



The new edition includes updates on the effects of short circuits on:

- Power quality
- Multiple setting groups
- Quadrilateral distance relay characteristics
- Loadability

It also includes comprehensive information about the impacts of business changes, including deregulation, disaggregation of power systems, dependability, and security issues. *Power System Protection* provides the analytical basis for design, application, and setting of power system protection equipment for today's engineer. Updates from protection engineers with distinct specializations contribute to a comprehensive work covering all aspects of the field. New regulations and new components included in modern power protection systems are discussed at length. Computer-based protection is covered in-depth, as is the impact of renewable energy systems connected to distribution and transmission systems.

SERIES: IEEE PRESS SERIES ON POWER AND ENERGY SYSTEMS

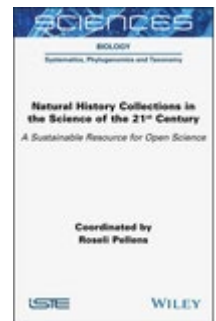
MARCH 2022 1536PP
978-1-119-51314-8 CL \$250.00 (Japan)
ELECTRIC POWER SYSTEMS

Natural History Collections in the Science of the 21st Century

A Sustainable Resource for Open Science

EDITOR ROSELI PELLENS

Natural history collections have recently acquired an unprecedented place of importance in scientific research. Originally created in the context of systematics and taxonomy, they are now proving to be fundamental for answering various scientific and societal questions that are as significant as they are current.



Natural History Collections in the Science of the 21st Century presents a wide range of questions and answers raised by the study of collections. The billions of specimens that have been collected from all around the world over more than two centuries provide us with information that is vital in our quest for knowledge about the Earth, the universe, the diversity of life and the history of humankind.

These collections also provide valuable reference points from the past to help us understand the nature and dynamics of global change today. Their physical permanence is the best guarantee we have of a return to data and to information sources in the context of open science.

MARCH 2022 416PP
978-1-78945-049-1 CL \$165.00 (Japan)
Environmental Microbiology

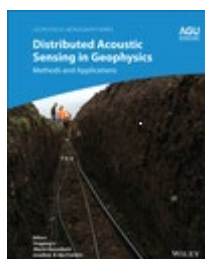
地球科学

Distributed Acoustic Sensing in Geophysics

Methods and Applications

EDITOR YINGPING LI, EDITOR MARTIN KARRENBACH & EDITOR
JONATHAN AJO-FRANKLIN

Distributed Acoustic Sensing (DAS) is a technology that records sound and vibration signals along a fiber optic cable. Its advantages of high resolution, continuous, and real-time measurements mean that DAS systems have been rapidly adopted for a range of applications, including hazard mitigation, energy industries, geohydrology, environmental monitoring, and civil engineering.



Distributed Acoustic Sensing in Geophysics: Methods and Applications presents experiences from both industry and academia on using DAS in a range of geophysical applications.

Volume highlights include:

- DAS concepts, principles, and measurements
- Comprehensive review of the historical development of DAS and related technologies
- DAS applications in hydrocarbon, geothermal, and mining industries
- DAS applications in seismology
- DAS applications in environmental and shallow geophysics

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

MARCH 2022 320PP
978-1-119-52179-2 CL \$199.95 (Japan)
Geology & Geophysics

The Field Description of Metamorphic Rocks

2nd Edition

DOUGAL JERRAM & MARK CADDICK

University of Oslo, Norway; Virginia Polytechnic Institute and State University, Blacksburg, VA

This hand pocket-sized field guide describes how metamorphic rocks and rock masses may be observed, recorded and mapped in the field. Written at a level suitable for earth science undergraduate students, this book is an essential tool for any geologist—student, professional or amateur—faced with the task of making a general description of an area of metamorphic rocks. A clear, systematic framework, together with numerous colour diagrams, illustrations and checklists, enables readers to produce useful and broadly similar descriptions, despite possible differences of background or specialist interest. Additional information is also provided to aid those who are undertaking a field mapping and report course.

- Shows the reader how to observe metamorphic rocks in the field, from the outcrop to the hand specimen scale
- Fully revised and updated to incorporate new developments in the field
- User-friendly and accessible writing style Including a revised format with tabbed sections for easy navigation
- Key topics covered include; classification and mapping of metamorphic rocks, understanding key textures and fabrics, and details on contacts and fault zones.

SERIES: GEOLOGICAL FIELD GUIDE

MARCH 2022 192PP
978-1-118-61875-2 PB \$39.95 (Japan)
GEOLOGY & GEOPHYSICS

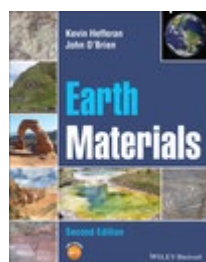
Earth Materials

2nd Edition

KEVIN HEFFERAN & JOHN O'BRIEN

University of Wisconsin-Stevens Point; New Jersey City University

Earth Materials encompass the minerals, rocks, soil and water that constitute our planet and the physical, chemical and biological processes that produce them. Since the expansion of computer technology in the last two decades of the 20th century, many universities have compressed or eliminated individual course offerings such as mineralogy, optical mineralogy, igneous petrology, sedimentology and metamorphic petrology and replaced them with Earth materials courses. Earth materials courses have become an essential curricular component in the fields of geology, geoscience, Earth science, and many related areas of study. This textbook is designed to address the needs of a one- or two-semester Earth materials course, as well as individuals who want or need an expanded background in minerals, rocks, soils and water resources.



Earth Materials, Second Edition, provides:

- Comprehensive descriptive analysis of Earth materials
- Color graphics and insightful text in a logical integrated format
- Field examples and regional relationships with graphics that illustrate concepts discussed
- Examples of how concepts discussed can be used to address real world issues
- Contemporary references from current scientific journals related to developments in Earth materials research
- Summative discussions of how Earth materials are interrelated with other science and non-science fields of study.

Earth Materials, Second Edition, is an innovative, visually appealing, informative and readable textbook that addresses the full spectrum of Earth materials.

MARCH 2022 704PP
978-1-119-51217-2 PB \$84.95 (Japan)
IGNEOUS & METAMORPHIC PETROLOGY AND VOLCANOLOGY

Practical and Theoretical Geoarchaeology

2nd Edition

PAUL GOLDBERG, RICHARD MACPHAIL & SARAH SHERWOOD

Boston University; University College, London; Sewanee University, USA

Practical and Theoretical Geoarchaeology, Second Edition, provides an invaluable and vastly updated overview of geoarchaeology and how it can be used effectively in the study of archaeological sites and contexts. Taking a pragmatic and functional approach, this book presents:



- a fundamental, broad-based perspective of the essentials of modern geoarchaeology in order to demonstrate the breadth of the approaches and the depth of the problems that it can tackle.
- the rapid advances made in the area in recent years, but also gives the reader a firm grasp of conventional approaches.
- covers traditional topics with the emphasis on landscapes, as well as anthropogenic deposits and site formation processes and their investigation.
- provides guidelines for the presentation of field and laboratory methods and the reporting of geoarchaeological results.

Practical and Theoretical Geoarchaeology, Second Edition, is an ideal resource for undergraduate and graduate students in archaeology, and a great practical reference for practicing archaeologists and geoscientists who need to understand and apply geoarchaeological methodologies internationally.

MARCH 2022 720PP
978-1-119-41319-6 PB \$90.00 (Japan)
SOIL SCIENCE & GEOARCHAEOLOGY

Hydrometeorological Extreme Events and Public Health

FRANZISKA MATTHIES

The book explains the link between projected changes in frequency, severity and geographical occurrence of hydrometeorological extreme events and climate change, describe related health effects and outline new developments in adaptation and mitigation options. It illustrates technical facts, with examples of international and national approaches and scientific projects and includes issues around multi-sectoral collaboration, stakeholder involvement and costs.

To bring together various hydrometeorological extreme events and health in one volume, attention is given to general disaster risk management and the all hazards approach.

The book is divided in three parts with a range of chapters each. The first part outlines the links between climate change, trends in hydrometeorological extreme events and the effects on human health. It starts off with an overview over recent knowledge on climate change and health and introduces relevant issues around hydrometeorological extreme events.

The second part deals with specific observed and projected health effects of hydrometeorological extreme events, namely heavy precipitation events, floods and droughts. It introduces the concepts of risk and vulnerability and the principles of health impact assessment.

The third part is dedicated to disaster risk management, the multi-hazard approach and specific measures for flood and drought preparedness and response, respectively. It also looks at future needs for adaptation and mitigation measures and the ... resilience. It highlights the role of cross-sectoral collaboration and the of co-benefits for health of measures in other sectors.

The global perspective and the multi-sectoral approach appeals to a broad audience ranging from students and scientists to practitioners and members of the international policy community.

SERIES: HYDROMETEOROLOGICAL EXTREME EVENTS

MARCH 2022 320PP
978-1-119-25930-5 CL \$135.00 (Japan)
Meteorology

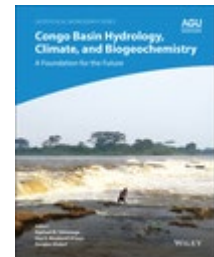
Congo Basin Hydrology, Climate, and Biogeochemistry

A Foundation for the Future

DOUGLAS ALSDORF, RAPHAEL
TSHIMANGA & GUY MOUKANDI

SERIES: GEOPHYSICAL
MONOGRAPH SERIES

MARCH 2022 592PP
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Hydrological Sciences



ファイナンス／インベストメント

Investment Banking

Valuation, LBOs, M&A, and IPOs (Book + Valuation Models), 3rd Edition

JOSHUA ROSENBAUM & JOSHUA PEARL

"This book will surely become an indispensable guide to the art of buyout and M&A valuation, for the experienced investment practitioner as well as for the non-professional seeking to learn the mysteries of valuation."



--**David M. Rubenstein**, Co-Founder and Co-Executive Chairman, The Carlyle Group Host, *The David Rubenstein Show: Peer to Peer Conversations*

"The two Joshes present corporate finance in a broad, yet detailed framework for understanding valuation, balance sheets, and business combinations. As such, their book is an essential resource for understanding complex businesses and capital structures whether you are on the buy-side or sell-side."

--**Mitchell R. Julis**, Co-Chairman and Co-CEO, Canyon Partners, LLC

"*Investment Banking* provides a highly practical and relevant guide to the valuation analysis at the core of investment banking, private equity, and corporate finance. Mastery of these essential skills is fundamental for any role in transaction-related finance. This book will become a fixture on every finance professional's bookshelf."

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"As a pioneer in public equities, Nasdaq is excited to be partnering with Rosenbaum and Pearl on *Investment Banking* as they break new ground on content related to IPOs, direct listings, and SPACs. We recommend the book for any shareholder and senior executive looking to take a company public, as well as their bankers and lawyers."

--**Adena Friedman**, President and CEO, Nasdaq

SERIES: WILEY FINANCE

MARCH 2022 512PP
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Institutional & Corporate Finance

The Barefoot Investor

2nd Edition

SCOTT PAPE, AUSTRALIA

Pluto Press, Australia

MARCH 2022 UnknownPP
978-0-7303-9753-3 PB \$24.99 (Japan)
PERSONAL FINANCE



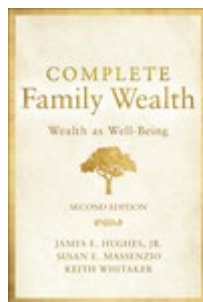
Complete Family Wealth

Wealth as Well-Being, 2nd Edition

JAMES E. HUGHES JR., ASPEN, UNITED STATES, KEITH WHITAKER, MILTON, UNITED STATES & SUSAN E. MASSENZIO, MILTON, UNITED STATES

A primer for families of high net worth on how to manage their qualitative and financial wealth for generations

The second edition of this foundational work, *Complete Family Wealth: Wealth as Well-Being* provides proven tools and best practices for families of means to use in maturing, maintaining, and managing personal and legacy wealth long into the future. The book is divided into three parts: the "what"--what is meant by family, wealth, and enterprise; the "who"--the persons crucial to family enterprise flourishing; and the "how"--specific practices families can use to enhance and grow family wealth.



The second edition of this work places the health and well-being of the individual members of the family unit at the forefront of every aspect detailed within the book. A natural product of this focus is an increased awareness of the social complexities of wealth that have come to the fore in recent years, and the team of expert authors here address the responsibility of private wealth to the public good.

Having shaped the language used by families and their advisors with the first edition, *Complete Family Wealth's* second edition is essential reading for families of high net worth and their financial advisors. It will also be of interest to family offices, fund managers, as well as private investors.

SERIES: BLOOMBERG

MARCH 2022 224PP
978-1-119-82003-1 CL \$40.00 (Japan)
PERSONAL FINANCE

The Little Book of Zen Money

A Simple Path to Financial Peace of Mind

SEVEN DOLLAR MILLIONAIRE

At last, a mindful book about money that *anyone* can appreciate and understand

The Little Book of Zen Money: A Simple Path to Financial Peace of Mind delivers easy-to-follow steps for combining sensible saving strategies with mindfulness practices to achieving financial peace of mind. Finally, you can know how to fix your finances without feeling stressed out!

In this book, you'll find out that sound financial strategy is far more straightforward than the financial industry wants you to think. It reveals the path to mindful money simplicity, showing readers how to adopt behaviors that encourage responsible saving and spending.

You'll learn about:

- How to journal your spending and saving so you keep track of the money you have coming in and going out
- Easy mindfulness exercises, mantras, and meditations that keep you centered, rational, and calm when it comes to your money
- Simple explanations of the financial industry and how to invest responsibly that anyone can understand

Perfect for anyone who doesn't usually like books about money (or the complicated jargon they're often filled with), *The Little Book of Zen Money* proves that you don't need to be an expert, professional, or mathematician to get great financial advice.

SERIES: LITTLE BOOKS, BIG PROFITS (UK)

MARCH 2022 240PP
978-1-119-85967-3 CL \$22.50 (Japan)
Personal Finance

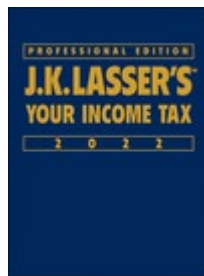
J.K. Lasser's Your Income Tax 2022

Professional Edition

J.K. LASSER INSTITUTE

The latest edition of the leading resource for individual tax preparation in the US

Fully revised to reflect numerous changes to the 2021 tax code, *J.K. Lasser's Your Income Tax Professional Edition 2022* delivers step-by-step instructions that walk you through each worksheet and form you'll need to help your clients file their taxes. This popular guide provides tax-saving advice on every available deduction, so you can be sure your clients are keeping as much money in their pockets as possible.



You'll find special features included throughout the guide, including new tax laws, recent IRS rulings and court decisions, tax filing pointers, and tax planning strategies. The book also offers:

- Critical information on the impact of the American Rescue Plan Act (ARPA) and the Consolidated Appropriations Act, 2021 (CAA) on individual tax filings
- Discussions of--and guidance for--practicing before the Internal Revenue Service
- A set of the most used 2021 tax forms
- Citations of tax law authorities

The gold standard in tax preparation guides for Certified Public Accountants, other accountants, and tax preparers, *J.K. Lasser's Your Income Tax Professional Edition 2022* is a fully updated, one-stop resource designed to help you deliver unmatched service to individual taxpayers.

SERIES: J.K. LASSER

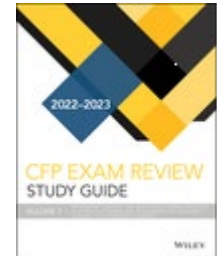
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978-1-119-83926-2 CL \$95.00 (Japan)
PERSONAL FINANCE / CONSUMER TAX

Wiley Study Guide for 2022 CFP Exam, Volume 1

WILEY, HOBOKEN, UNITED STATES

John Wiley & Sons, Inc.

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978-1-119-87876-6 PB \$87.95 (Japan)
PERSONAL FINANCE / FINANCIAL ADVISING

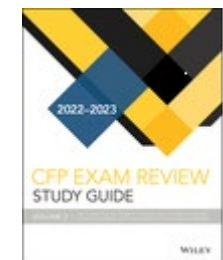


Wiley Study Guide for 2022 CFP Exam, Volume 2

WILEY, HOBOKEN, UNITED STATES

John Wiley & Sons, Inc.

MARCH 2022 UnknownPP
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PERSONAL FINANCE / FINANCIAL ADVISING



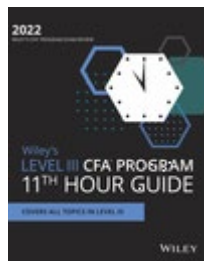
Wiley's Level III CFA Program 11th Hour Final Review Study Guide 2022

WILEY, HOBOKEN, UNITED STATES

John Wiley & Sons, Inc.

The perfect study aid to boost your confidence right before the Level III CFA exam

Wiley's Level III CFA Program 11th Hour Final Review Study Guide 2022 is a concise review of the concepts covered on Level III of the Chartered Financial Analyst certification exams. Rather than act as a primary study tool, the book offers a straightforward and effective way to review the topics covered by the exam.



The book covers:

- Ethical and professional standards
- Financial analysis tools and economics
- Portfolio management and analysis
- Assets, including equity investments, derivatives, fixed income, and alternative investments

Perfect for any prospective CFA Level III exam taker seeking to improve their confidence with the subjects covered by the test, *Wiley's Level III CFA Program 11th Hour Final Review Study Guide 2022* is a critical resource for improving your retention and understanding of core concepts licensed CFAs use every day.

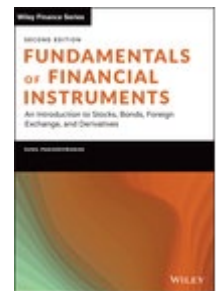
MARCH 2022 UnknownPP
978-1-119-71274-9 PB \$125.00 (Japan)
PERSONAL FINANCE / FINANCIAL ADVISING

Fundamentals of Financial Instruments

An Introduction to Stocks, Bonds, Foreign Exchange, and Derivatives, 2nd Edition

SUNIL K. PARAMESWARAN

In the newly revised Second Edition of *Fundamentals of Financial Instruments: An Introduction to Stocks, Bonds, Foreign Exchange, and Derivatives*, renowned finance trainer Sunil Parameswaran delivers a comprehensive introduction to the full range of financial products commonly offered in the financial markets.



Using clear, worked examples of everything from basic equity and debt securities to complex instruments--like derivatives and mortgage-backed securities -- the author outlines the structure and dynamics of the free-market system and explores the environment in which financial instruments are traded. This one-of-a-kind book also includes:

- New discussions on interest rate derivatives, bonds with embedded options, mutual funds, ETFs, pension plans, financial macroeconomics, orders and exchanges, and Excel functions for finance
- Supplementary materials to enhance the reader's ability to apply the material contained within
- A foundational exploration of interest rates and the time value of money

Fundamentals of Financial Instruments is the ideal resource for business school students at the undergraduate and graduate levels, as well as anyone studying financial management or the financial markets. It also belongs on the bookshelves of executive education students and finance professionals seeking a refresher on the fundamentals of their industry.

SERIES: WILEY FINANCE

MARCH 2022 608PP
978-1-119-81661-4 CL \$76.00 (Japan)
FINANCIAL PRODUCTS

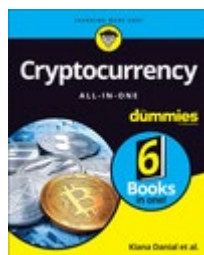
Cryptocurrency All-in-One For Dummies

KIANA DANIAL, TIANA LAURENCE, AUSTIN, UNITED STATES, PETER KENT, DENVER, UNITED STATES, TYLER BAIN, BRIGHTON, UNITED STATES & MICHAEL G. SOLOMON, DALLAS, UNITED STATES

Consultant

Learn the skills to get in on the crypto craze

The world of cryptocurrency includes some of the coolest technologies and most lucrative investments available today. And you can jump right into the middle of the action with *Cryptocurrency All-in-One For Dummies*, a collection of simple and straightforward resources that will get you up to speed on cryptocurrency investing and mining, blockchain, Bitcoin, and Ethereum.



Stop scouring a million different places on the web and settle in with this one-stop compilation of up-to-date and reliable info on what's been called the "21st century gold rush." So, whether you're just looking for some fundamental knowledge about how cryptocurrency works, or you're ready to put some money into the markets, you'll find what you need in one of the five specially curated resources included in this book.

Cryptocurrency All-in-One For Dummies will help you:

- Gain an understanding of how cryptocurrency works and the blockchain technologies that power cryptocurrency
- Find out if you're ready to invest in the cryptocurrency market and how to make smart decisions with your cash
- Build a cryptocurrency mining rig out of optimized and specifically chosen computing hardware
- Dive into the details of leading cryptocurrencies like Bitcoin and Ethereum

Perfect for anyone curious and excited about the potential that's been unlocked by the latest in cryptocurrency tech, this book will give you the foundation you need to become a savvy cryptocurrency consumer, investor, or miner before you know it.

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Finance & Investments Special Topics

Taxes For Dummies

2022 Edition

ERIC TYSON, WESTON, UNITED STATES, MARGARET ATKINS MUNRO & DAVID J. SILVERMAN

Take the anxiety out of tax season and file your return with confidence

In *Taxes For Dummies, 2022 Edition*, you'll get line-by-line advice and plan ahead strategies that take the fear and anxiety out of tax season and save you money now and in the months and years ahead. This completely updated edition includes detailed coverage of the numerous tax bills that have passed in recent years. You'll learn everything you need to know to file your own taxes with confidence and intelligently plan year-round tax strategies.



In this book, you'll:

- Discover how to take advantage of every deduction and tax credit that applies to your specific circumstances
- Learn to navigate the IRS website and the newest versions of the most popular online tax preparation and filing options
- Understand new retirement account options and the implications of new foreign taxation rules
- Plan ongoing, multi-year tax strategies that will help you achieve your financial goals at every stage of your life

Taxes For Dummies, 2022 Edition is the perfect resource for any United States taxpayer planning to file their own 2021 taxes. Whether you're a first-time taxpayer, an expat filing from outside the US, or a seasoned veteran of tax season looking for the latest deductions and strategies to reduce your tax bill, this book is a must-read resource that'll transform how you think about taxes.

MARCH 2022 656PP
978-1-119-85845-4 PB \$24.99 (Japan)
Business & Finance

食品科学

Evolution of Social Ties around New Food Practices

EDITOR GILLES SERE DE LANAUZE

We live in a world of major disruption, where the individual and the collective stand in opposition against the backdrop of globalization, digital revolution, community development, growing concerns around health and the planet, and now an unprecedented global health crisis.

This book explores how these phenomena influence the social ties that surround food and the way we eat together. Extensive research is presented on institutional recommendations concerning eating together, the role of online communities in supporting weight loss, the perceived consequences of diets, the social phenomena involved in vegetarianism, market segmentation in the case of ritual and religious practices, and the rising tendency to "buy local" and to value local identity. As the Covid-19 crisis adds to the complexity of these issues, its impact is also taken into account.

For both interested readers and the many players involved in the agri-food industry, these reflections shed light on the current developments in "eating together".



MARCH 2022 256PP
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General & Introductory Food Science & Technology

Food Chemistry

A Laboratory Manual, 2nd Edition

DENNIS D. MILLER & C. K. YEUNG

Cornell University, Ithaca, New York

A comprehensive, practical manual designed for Food Chemistry Laboratory courses

In the newly revised second edition of *Food Chemistry: A Laboratory Manual*, two professors with a combined 50 years of experience teaching food chemistry and dairy chemistry laboratory courses deliver an in-depth exploration of the fundamental chemical principles that govern the relationships between the composition of foods and food ingredients and their functional, nutritional, and sensory properties. Readers will discover practical laboratory exercises, methods, and techniques that are commonly employed in food chemistry research and food product development.

Every chapter offers introductory summaries of key methodological concepts and interpretations of the results obtained from food experiments. The book provides a supplementary online Instructor's Guide useful for adopting professors that includes a Solutions Manual and Preparation Manual for laboratory sessions.

Perfect for students of food science and technology, *Food Chemistry: A Laboratory Manual* will also earn a place in the libraries of food chemists, food product developers, analytical chemists, lab technicians, food safety and processing professionals, and food engineers.



MARCH 2022 208PP
978-0-470-63931-3 PB \$69.95 (Japan)
FOOD CHEMISTRY

地理学

Dry Beans and Pulses Production, Processing and Nutrition

2nd Edition

EDITOR MUHAMMAD SIDDIQ & EDITOR MARK A. UEBERSAX

Michigan State University, USA

The second edition of the most complete and authoritative reference on dry beans production, processing, and nutrition available

Since the first edition of *Dry Beans and Pulses: Production, Processing, and Nutrition* was published in 2012, the popularity of pulse crops as sustainable, nutritionally-rich food ingredients for alternate meat and other food products has increased significantly beyond traditional utilization. Retaining its distinctive value-chain approach to the subject, the new edition is fully revised to provide up-to-date coverage of breeding, composition, quality, nutritional profiles, postharvest and processing technologies, food safety and security, significance to human health, and more.

A team of more than fifty contributors review recent research, consumer trends, new products, and food security issues in dry beans processing and value-added practices. New chapters address Hard-to-cook phenomenon and other storage-induced quality defects, quality assessment of raw and processed legumes using innovative technologies, utilization of dry beans and pulses as ingredients in diverse food products, and the production, processing, and nutritional profile of Faba beans and chickpeas and lentils.

Dry Beans and Pulses: Production, Processing, and Nutrition, Second Edition remains required reading for food scientists, nutritionists, agronomists, researchers, food processing specialists, and food security experts, food engineers and chemists involved in dry beans processing and value-added technologies.



Environment and Society

A Critical Introduction, 3rd Edition

PAUL ROBBINS, JOHN HINTZ & SARAH A. MOORE

Ohio State University; Bloomsburg University of Pennsylvania, USA; University of Arizona, USA

Environment and Society: A Critical Introduction, Third Edition

demonstrates how theoretical approaches such as environmental ethics, political economy, and social construction work as conceptual tools to identify and clarify contemporary environmental issues. Assuming no background knowledge in the subject, this reader-friendly textbook uses clear language and engaging examples to first describe nine key conceptual tools, and then apply them to a variety of familiar objects--from bottled water and French fries to trees, wolves, and carbon dioxide. Throughout the text, highly accessible chapters provide insight into the relationship between the environment and present-day society.



Divided into two parts, the text begins by explaining major theoretical approaches for interpreting the environment-society relationship and discussing different perspectives about environmental problems. Part II examines a series of objects, each viewed through a sample of the theoretical tools from Part I, helping readers think critically about critical environmental topics such as deforestation, climate change, the global water supply, and hazardous e-waste. This fully revised third edition stresses a wider range of competing ways of thinking about environmental issues and features additional cases studies, up-to-date conceptual understandings, and new chapters in Part I on racialized environments and feminist approaches. Retaining the innovative approach of its predecessors, *Environment and Society: A Critical Introduction, Third Edition* remains the ideal textbook for courses in environmental issues, environmental science, and nature and society theory.

SERIES: CRITICAL INTRODUCTIONS TO GEOGRAPHY

MARCH 2022 592PP
978-1-119-77711-3 CL \$250.00 (Japan)
FRUIT & VEGETABLE

MARCH 2022 384PP
978-1-119-40823-9 PB \$49.95 (Japan)
ENVIRONMENTAL GEOGRAPHY

公衆衛生

Health Care Information Systems

A Practical Approach for Health Care Management

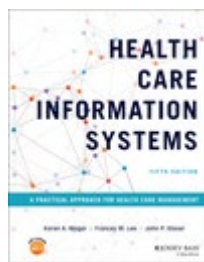
5th Edition

KAREN A. WAGER, FRANCES W. LEE & JOHN P. GLASER

Medical University of South Carolina, Department of Health Administration; Medical University of South Carolina, Department of Health Administration; Partners HealthCare System, Inc.

The most up-to-date edition of the gold standard in health care information system references

In the newly revised Fifth Edition of *Health Care Information Systems*, veteran healthcare information management experts and educators Karen A. Wager and Frances Wickham Lee, along with nationally-recognized leader in health information technology, John P. Glaser, deliver a one-stop resource for graduate and upper-level undergraduate students to gain the knowledge and develop the skills they need to manage information and information systems technology in the new healthcare environment.



The latest edition sees its focus shift from the adoption of health care information systems and electronic health records to making effective use of health care data, information, and systems and optimizing their impact.

Filled with case studies, supplemental resources, and engaging examinations of critical areas in health care information system use, management, implementation, and support, *Health Care Information Systems* is an ideal reference for students taking courses in business administration, public health, health administration, medicine, health informatics and health care management.

MARCH 2022 416PP
978-1-119-85386-2 CL \$109.95 (Japan)
PUBLIC HEALTH SERVICES & POLICY

コンシューマーヘルス

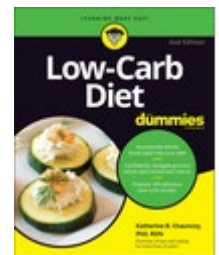
Low-Carb Diet For Dummies

2nd Edition

KATHERINE B. CHAUNCEY, LUBBOCK, UNITED STATES

"Low-carb" doesn't have to mean "no-fun!"

Low-carb diets are a hugely popular way to lose weight and stay healthy. But, contrary to what you may have heard, eating low-carb doesn't have to mean losing all your favorite foods and treats!



In *Low-Carb Diet For Dummies*, you'll find an easy-to-follow guide to minimizing carbs while keeping the flavor by evaluating the quality of the carbs you do eat. You will learn to control--but not entirely eliminate (unless you want to)--the intake of refined sugars and flour by identifying and choosing whole, unprocessed food instead. You'll get fun and creative recipes that taste amazing, reduce the number on the scale, and improve your health. You'll also get:

- Great advice on incorporating heart-healthy and waist-slimming exercise into your new diet
- Tips on how to maintain your low-carb lifestyle in the long-run
- Strategies for responsibly indulging in the occasional carb-y food--because "low-carb" doesn't mean "no-carb!"

Perfect for anyone dieting for a short-term goal, as well as those looking for a long-term lifestyle change, *Low-Carb Diet For Dummies* is your secret weapon to going low-carb without missing out on some of the world's greatest foods.

MARCH 2022 448PP
978-1-119-83902-6 PB \$24.99 (Japan)
HEALTH, DIET & NUTRITION

歴史

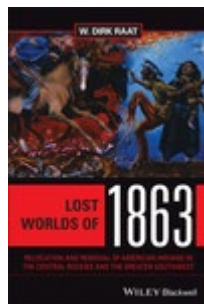
Lost Worlds of 1863

Relocation and Removal of American Indians in the Central Rockies and the Greater Southwest

W. DIRK RAAT

A comparative history of the relocation and removal of indigenous societies in the Greater American Southwest during the mid-nineteenth century

Lost Worlds of 1863: Relocation and Removal of American Indians in the Central Rockies and the Greater Southwest offers a unique comparative narrative approach to the diaspora experiences of the Apaches, O'odham and Yaqui in Arizona and Sonora, the Navajo and Yavapai in Arizona, the Shoshone of Utah, the Utes of Colorado, the Northern Paiutes of Nevada and California, and other indigenous communities in the region. Focusing on the events of the year 1863, W. Dirk Raat provides an in-depth examination of the mid-nineteenth century genocide and devastation of the American Indian.



Addressing the loss of both the identity and the sacred landscape of indigenous peoples, the author compares various kinds of relocation between different indigenous groups ranging from the removal and assimilation policies of the United States government regarding the Navajo and Paiute people, to the outright massacre and extermination of the Bear River Shoshone. The book is organized around detailed individual case studies that include extensive histories of the pre-contact, Spanish, and Mexican worlds that created the context for the pivotal events of 1863.

Lost Worlds of 1863: Relocation and Removal of American Indians in the Central Rockies and the Greater Southwest is essential reading for academics, students, and general readers with interest in Western history, Native American history, and the history of Indian-White relations in the United States and Mexico.

MARCH 2022 400PP
978-1-119-77762-5 PB \$33.95 (Japan)
Regional American History

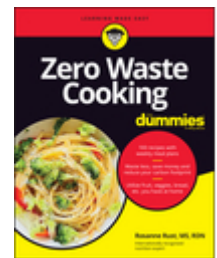
ライフスタイル

Zero Waste Cooking For Dummies

ROSANNE RUST, VENICE, UNITED STATES

Your recipe for saving the planet (and some money too!)

If you're like many of us, you waste your fair share of food. And you may think that food waste is an inevitable part of modern life. But in *Zero Waste Cooking For Dummies*, you'll learn how to use every last bit of what's in your fridge, freezer, and cupboard to make delicious meals, save money, and do your part for the environment.



In this book, celebrated dietician and internationally recognized author Roseanne Rust walks you through every step of transforming how you plan your meals, shop for groceries, cook your food, and deal with leftovers. Whether you're the type of cook who can burn water or a professional chef, you'll find tips and strategies that help you buy and waste less food.

Zero Waste Cooking For Dummies offers:

- Dozens of recipes for delicious entrees, appetizers, breakfasts, soups, salads, and more
- Grocery lists that make shopping a breeze and save you real money
- Tips and tricks for how to use leftovers to craft or add to meals so you don't need to throw anything away

The perfect book for any homemaker or home cook, this book is a must-read for anyone looking for ways to save a little money, reduce their carbon footprint, and make some amazing meals.

MARCH 2022 336PP
978-1-119-85044-1 PB \$24.99 (Japan)
Cooking

言語学

Haircutting For Dummies

2nd Edition

J. ELAINE SPEAR

Your short cut to stylish home hairdressing

Ever wondered if you could hack it at cutting your friends' and family's hair, or could even make it as a full-blown stylist? If you've got a little creative spark--a love of crafting or painting or a talent for home makeovers--and an obsessive yen to redo the dos you see around you, it's more than likely you can make the cut. The new edition of *Haircutting For Dummies* shows you how to draw out your inner artist and bring your ideas to glorious life on the heads of your nearest and dearest--and will help shave dollars off your beauty budget into the bargain!



In a free-spirited, chatty style, master stylist and social media corporate beauty consultant Jeryl E. Spear sits you down for a comprehensive snip-and-tell overview of how to reproduce the latest short, medium, and long hairstyles, as well as fancying things up with cutting-edge techniques like slicing, notching, and layering. Jeryl also provides a drawerful of tips on the tools you'll need to get started.

- Get a grip on men's and women's styles
- Set up shop at home
- Choose your tools and keep them sharp
- Take the first steps to embracing a beauty career

Packed with detailed illustrations and model shots to guide your work, this book has everything you need to begin the creative work of making everyone you know--and the world--a smarter, more beautiful place!

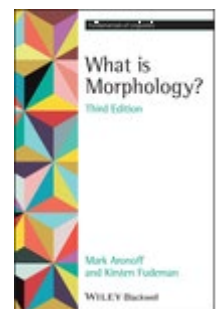
MARCH 2022 368PP
978-1-119-79049-5 PB \$24.99 (Japan)
TECHNICAL & HOW-TO (GENERAL)

What is Morphology?

3rd Edition

MARK ARONOFF & KIRSTEN FUDEMAN

Professor Emeritus, State University of New York - Stony Brook; Ithaca College

Provides a critical introduction to the central ideas and perennial problems of morphology, fully revised and updated in a new edition

What is Morphology? is a concise, student-friendly introduction to the fundamentals of contemporary morphological theory and practice. Requiring only a basic knowledge of linguistics, this popular textbook describes morphological phenomena and their interactions with phonology, syntax, and semantics while familiarizing students with the importance of linguistic morphology as a subject of research. Each chapter contains engaging examples and student-friendly explanations to support the development of the skills necessary to analyze a wealth of classic morphological problems.

The third edition is fully updated to reflect the current state of the field, featuring a new chapter on morphology's intersections with typology and computational linguistics. Expanded coverage of morphological productivity and processing is supported by additional exercises, examples, and further reading suggestions. Thoroughly revised chapters cover essential topics including morphemes, the lexicon, phonology, inflection, syncretism, and derived lexemes.

The latest edition of *What is Morphology?* remains the ideal textbook for undergraduate and graduate linguistics students, researchers and scholars unfamiliar with linguistic morphology, and professionals involved in industrial applications of linguistics such as speech recognition, natural language understanding, machine translation, text-to-speech, and natural language generation.

SERIES: FUNDAMENTALS OF LINGUISTICS

MARCH 2022 344PP
978-1-119-71520-7 PB \$44.95 (Japan)
THEORETICAL LINGUISTICS

The Handbook of TESOL in K-12

EDITOR LUCIANA C. DE OLIVEIRA

University of Miami, USA

The first handbook to explore the field of Teaching English to Speakers of Other Languages in elementary and secondary education (K-12)

The number of students being educated in English has grown significantly in modern times -- globalization, immigration, and evolving educational policies have prompted an increased need for English language learner (ELL) education. *The Handbook of TESOL in K-12* combines contemporary research and current practices to provide a comprehensive overview of the origins, evolution, and future direction of Teaching English to Speakers of Other Languages at the elementary and secondary levels (K-12). Exploring the latest disciplinary and interdisciplinary issues in the field, this is a first-of-its-kind *Handbook* and contributions are offered from a team of internationally-renowned scholars.

Comprehensive in scope, this essential *Handbook* covers topics ranging from bilingual language development and technology-enhanced language learning, to ESOL preparation methods for specialist and mainstream teachers and school administrators. Three sections organize the content to cover Key Issues in Teaching ESOL students in K-12, Pedagogical Issues and Practices in TESOL in K-12 Education, and School Personnel Preparation for TESOL in K-12.

- Satisfies a need for inclusive and in-depth research on TESOL in K-12 classrooms
- Presents a timely and interesting selection of topics that are highly relevant to working teachers and support staff
- Applies state-of-the-art research to real-world TESOL classroom settings
- Offers a balanced assessment of diverse theoretical foundations, concepts, and findings

The Handbook of TESOL in K-12 is an indispensable resource for undergraduate and graduate students, researchers and scholars, and educators in the field of Teaching English to Speakers of Other Languages in elementary and secondary education.

SERIES: BLACKWELL HANDBOOKS IN LINGUISTICS

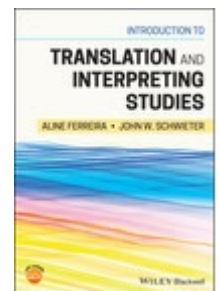
MARCH 2022 464PP
978-1-119-42173-3 PB \$49.95 (Japan)
9781119421740 CL \$49.95 (Japan) Published, APRIL 2019
Applied Linguistics

Introduction to Translation and Interpreting Studies

ALINE FERREIRA & JOHN W. SCHWIETER

University of California Santa Barbara, USA; Wilfrid Laurier University, Waterloo, Canada

In *Introduction to Translation and Interpreting Studies*, accomplished scholars Aline Ferreira and John W. Schwieter have brought together a detailed and comprehensive introductory-level textbook covering the essential aspects of translation and interpreting studies. Through chapters authored by leading voices in the field, this book covers topics of theoretical and conceptual relevance--such as the history of the development of the field and methods for understanding gender, society, and culture as aspects of the role of the interpreter--as well as critical topics in the application of theory to real world practice.



Beginning with an authoritative treatment of the theoretical developments that have defined the field since the early 1970s, this textbook first describes the influential work of such figures as Jakobson, Holmes, and Toury, thus ensuring students develop a thorough understanding of the history and theoretical underpinnings of the fields of translation and interpreting studies. The text then begins to introduce grounded discussions of interpreting in specialized fields such as legal and healthcare interpreting and sign language translation. Learning is reinforced throughout the text through pedagogical features including reflection questions, highlighted key words, further readings, and chapter objectives. Instructors will also have access to companion website with PowerPoint slides and multiple-choice questions to support classroom application.

Ideal for advanced undergraduate and graduate students in programs in such as linguistics, language studies, and communications, or for those who plan to work in translation and/or interpreting, *Introduction to Translation and Interpreting Studies* will earn a place in the libraries of anyone interested in a reader-friendly translation and interpreting resource.

MARCH 2022 UnknownPP
978-1-119-68527-2 PB \$42.95 (Japan)
Applied Linguistics

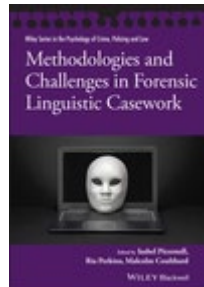
ライフサイエンス

Methodologies and Challenges in Forensic Linguistic Casework

RIA PERKINS, ISABEL PICORNELL & MALCOM COULTHARD

Discover more Forensic Linguistics, a fascinating cross-disciplinary field from an international team of renowned contributors

Methodologies and Challenges in Forensic Linguistic Casework provides an overview of the range of forensic linguistic casework typically found in investigative and judicial contexts. In these case studies, the authors demonstrate how linguistic theory is applied in real-life forensic situations and the constraints and challenges they have to deal with. Drawing on linguistic expertise from the USA and Europe involving casework in English, Spanish, Danish and Portuguese, our contributing practitioners exemplify the most common types of text analysis such as identifying faked texts, suspect profiling, analyzing texts whose authorship is questioned, and giving opinions on meaning and understanding.



This book approaches forensic linguistic casework from an investigative, expert witness, and practical perspective. It attempts to inform both law enforcement and other types of investigators about the potential assistance linguistic analysis can provide, as well as the limitations of that assistance; to help lawyers, judges, and juries to weigh forensic linguistics evidence; and to guide beginning forensic linguistic practitioners on current best practice to meet the challenges of casework.

Methodologies and Challenges in Forensic Linguistic Casework is designed for investigators and legal practitioners interested in the use of language analysis for investigative or evidentiary purposes, as well as for students and researchers wanting to understand how linguistic theory and analysis may be applied to solving real-life forensic problems.

SERIES: WILEY SERIES IN PSYCHOLOGY OF CRIME, POLICING AND LAW

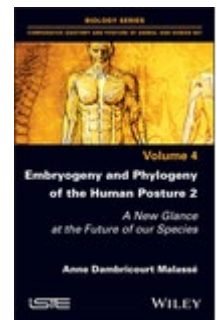
MARCH 2022 550PP
978-1-119-61457-9 PB \$44.95 (Japan)
Psycholinguistics

Embryogeny and Phylogeny of the Human Posture 2

ANNE DAMBRICOURT MALASSE

French National Center for Scientific Research (CNRS)

The future of the human posture is in the spotlight. The 200-year-old locomotion paradigm can no longer resist the advancement of knowledge, yet 2,500 years of thinking on the place of verticalized human anatomy and its reflexive consciousness in the natural history of life and the Earth, is more relevant than ever.



This book retraces these reflections from pre-Socratic philosophers, focusing on the link between verticality and the most complex and consciously reflexive nervous system on the top rung of the ladder of living beings. The origin of animated forms, or animals, was considered metaphysical until the 19th century but reflection on their inception, from fertilization, paved the way for mathematics of infinitesimal geometry and dynamics. The simian filiation was inconceivable until Jean-Baptiste de Lamarck bridged the gap in 1802 with the locomotion postulate to explain the transition from quadrupedal to bipedal posture, sustained by the hypothesis of inheritance of acquired characteristics.

This doctrine was overturned in 1987 by the discovery of the embryonic origins of the straightening -- specific dynamics linked to neurogenesis -- confirming the natural place of human verticality and nervous system complexity with its psychomotor and cognitive consequences. Sapiens find themselves at the physical limit of the straightening while mechanisms of gametogenesis have never ceased in making neurogenesis exponentially more complex. Is the future exclusively terrestrial or does intrauterine hominization open up new perspectives for space exploration? Posturologists, occlusodontics, osteopaths, cognisciences -- all anthropological sciences exposed to human verticality are concerned with this discovery, which allows Sapiens to face their natural destiny.

MARCH 2022 UnknownPP
978-1-78630-729-3 CL \$165.00 (Japan)
General Biology

Small Carnivores

Evolution, Ecology, Behaviour and Conservation

EMMANUEL DO LINH SAN, JUN J. SATO, JERROLD L. BELANT & MICHAEL J. SOMERS

Small Carnivores: Evolution, Ecology, Behaviour, and Conservation



This book focuses on the 232 species of the mammalian Order Carnivora with an average body mass < 21.5 kg. Small carnivores inhabit virtually all of the Earth's ecosystems, adopting terrestrial, semi-fossorial, (semi-)arboreal or (semi-)aquatic lifestyles. They occupy multiple trophic levels and therefore play important roles in the regulation of ecosystems, such as natural pest control, seed dispersal and nutrient cycling. In areas where humans have extirpated large carnivores, small carnivores may become the dominant predators, which may increase their abundance ("mesopredator release") to the point that they can sometimes destabilize communities, drive local extirpations and reduce overall biodiversity. On the other hand, one third of the world's small carnivores are threatened or near threatened with extinction. This results from regionally burgeoning human populations' industrial and agricultural activities, causing habitat reduction, destruction, fragmentation and pollution. Overexploitation, persecution and the impacts of introduced predators, competitors, and pathogens have also negatively affected many small carnivore species. Although small carnivores have been intensively studied over the past decades, bibliometric studies showed that they have not received the same attention given to large carnivores. Furthermore, there is huge disparity in how research efforts on small carnivores have been distributed, with some species intensively studied and others superficially or not at all. This book aims at filling a gap in the scientific literature by elucidating the important roles of, and documenting the latest knowledge on, the world's small carnivores.

MARCH 2022 608PP
978-1-118-94328-1 CL \$115.00 (Japan)
Animal Ecology

Ecological Transition in Education and Research

EDITOR HASSAN AIT HADDOU, EDITOR DIMITRI TOUBANOS & EDITOR PHILIPPE VILLIEN

This book centers on climate change, a pressing issue in the ecological transition, particularly for landscape and architecture schools.

The scientific realities and consequences of this phenomenon are becoming increasingly well-known and it is now evident that architecture, urban planning and landscaping all have the potential to mitigate these consequences.



Ecological Transition in Education and Research is a multidisciplinary collective work, intended to raise awareness of adaptation and mitigation strategies such as action-research, educational innovations and concrete transition practices that embrace different schools of thought. The overall goal is to promote educational practices and research on climate change.

MARCH 2022 288PP
978-1-78630-716-3 CL \$165.00 (Japan)
Applied Ecology

Biogeography

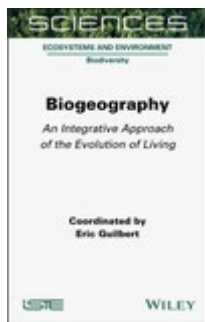
An Integrative Approach of the Evolution of Living

EDITOR ERIC GUILBERT

The recent progress in analytical methods, aided by bringing in a wide range of other disciplines, opens up the study to a broader field, which means that biogeography now goes far beyond a simple description of the distribution of living species on Earth.

Originating with Alexander von Humboldt, biogeography is a discipline in which ecologists and evolutionists aim to understand the way that living species are organized in connection with their environments. Today, as we face major challenges such as global warming, massive species extinction and devastating pandemics, biogeography offers hypotheses and explanations that may help to provide solutions.

This book presents as wide an overview as possible of the different fields that biogeography interacts with. Sixteen authors from all over the world offer different approaches based on their specific areas of knowledge and experience; thus, we intend to illustrate the vast number of diverse aspects covered by biogeography.



MARCH 2022 UnknownPP
978-1-78945-060-6 CL \$165.00 (Japan)
Biogeography

Cell Biology

A Short Course, 4th Edition

STEPHEN R. BOLSOVER, ANDREA TOWNSEND-NICHOLSON,
GREG FITZHARRIS, ELIZABETH A. SHEPHARD, JEREMY S.
HYAMS & SANDIP PATEL

University College London, UK

In the newly revised Fourth Edition of *Cell Biology: A Short Course*, a distinguished team of researchers delivers a concise and accessible introduction to modern cell biology, integrating knowledge from genetics, molecular biology, biochemistry, physiology, and microscopy. The book places a strong emphasis on drawing connections between basic science and medicine.

Telling the story of cells as the units of life in a colorful and student-friendly manner, *Cell Biology: A Short Course* takes an "essentials only" approach. It conveys critical points without overburdening the reader with extraneous or secondary information. Clear diagrams and examples from current research accompany special boxed sections that focus on the importance of cell biology in medicine and industry. A new feature, "BrainBoxes" describes some of the key people who created the current understanding of Cell Biology.

The book has been thoroughly revised and updated since the last edition and includes:

- Thorough introduction to cells and tissues, membranes, organelles, and the structure of DNA and genetic code
- Explorations of DNA as a data storage medium, transcription and the control of gene expression, and recombinant DNA and genetic engineering
- Discussion of the manufacture of proteins, protein structure, and intracellular protein trafficking
- Description of ions and voltages, intracellular and extracellular signaling
- Introduction to the cytoskeleton and cell movement
- Discussion of cell division and apoptosis

Perfect for undergraduate students seeking an accessible, one-stop reference on cell biology, *Cell Biology: A Short Course* is also an ideal reference for pre-med students.

SERIES: SHORT COURSE

MARCH 2022 304PP 978-1-119-75776-4 PB \$100.00
Cell Biology (Life Sciences)

文学

Fundamentals of Molecular Virology

3rd Edition

NICHOLAS H. ACHESON & CHRISTOPHER RICHARDSON

McGill University, Canada

MARCH 2022 UnknownPP
978-1-119-88586-3 PB \$181.95 (Japan)
VIROLOGY

Interventions 2020

MICHEL HOUELLEBECQ

READERSHIP: General readers interested
in the novels and views of Michel
Houellebecq

MARCH 2022 314PP
978-1-5095-4995-5 CL \$25.00 (Japan)
General Literature



数学

Companion to Latin American Literature and Culture

2nd Edition

EDITOR SARA CASTRO-KLAREN

Johns Hopkins University

In the newly revised second edition of *A Companion to Latin American Literature and Culture*, Sara Castro-Klaren delivers an eclectic and revealing set of discussions on Latin American culture and literature by scholars at the cutting edge of their respective fields. The included essays--whether they're written from the perspective of historiography, affect theory, decolonial approaches, or human rights--introduce readers to topics like gaucho literature, postcolonial writing in the Andes, and baroque art while pointing to future work on the issues raised.



This work engages with anthropology, history, individual memory, testimonio, and environmental studies. It also explores:

- A thorough introduction to topics of coloniality, including the mapping of the pre-Columbian Americas and colonial religiosity
- Comprehensive explorations of the emergence of national communities in New Imperial coordinates, including discussions of the Muisca and Mayan cultures
- Practical discussions of global and local perspectives in Latin American literature, including explorations of Latin American photography and cultural modalities and cross-cultural connections

Perfect for students in undergraduate and graduate courses tackling Latin American literature and culture topics, *A Companion to Latin American Literature and Culture, Second Edition* will also earn a place in the libraries of members of the general public and PhD students interested in Latin American literature and culture.

SERIES: BLACKWELL COMPANIONS TO LITERATURE AND CULTURE

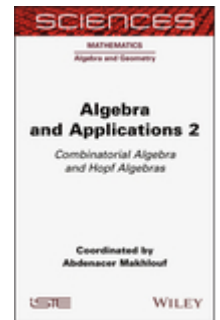
MARCH 2022 368PP
978-1-119-69253-9 CL \$195.00 (Japan)
COMPARATIVE & WORLD LITERATURE

Algebra and Applications 2

Combinatorial Algebra and Hopf Algebras

EDITOR ABDENACER MAKHLOUF

This book is part of *Algebra and Geometry*, a subject within the SCIENCES collection published by ISTE and Wiley, and the second of three volumes specifically focusing on algebra and its applications. *Algebra and Applications 2* centers on the increasing role played by combinatorial algebra and Hopf algebras, including an overview of the basic theories on non-associative algebras, operads and (combinatorial) Hopf algebras.



The chapters are written by recognized experts in the field, providing insight into new trends, as well as a comprehensive introduction to the theory. The book incorporates self-contained surveys with the main results, applications and perspectives. The chapters in this volume cover a wide variety of algebraic structures and their related topics. Alongside the focal topic of combinatorial algebra and Hopf algebras, non-associative algebraic structures in iterated integrals, chronological calculus, differential equations, numerical methods, control theory, non-commutative symmetric functions, Lie series, descent algebras, Butcher groups, chronological algebras, Magnus expansions and Rota--Baxter algebras are explored.

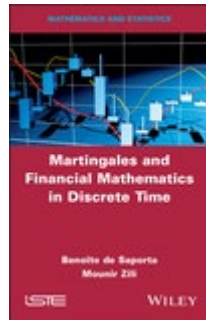
Algebra and Applications 2 is of great interest to graduate students and researchers. Each chapter combines some of the features of both a graduate level textbook and of research level surveys.

MARCH 2022 336PP
978-1-78945-018-7 CL \$165.00 (Japan)
Algebra

Martingales and Financial Mathematics in Discrete Time

BERNOITE DE SAPORTA & MOUNIR ZILI

This book is entirely devoted to discrete time and provides a detailed introduction to the construction of the rigorous mathematical tools required for the evaluation of options in financial markets. Both theoretical and practical aspects are explored through multiple examples and exercises, for which complete solutions are provided. Particular attention is paid to the Cox, Ross and Rubinstein model in discrete time.



The book offers a combination of mathematical teaching and numerous exercises for wide appeal. It is a useful reference for students at the master's or doctoral level who are specializing in applied mathematics or finance as well as teachers, researchers in the field of economics or actuarial science, or professionals working in the various financial sectors.

Martingales and Financial Mathematics in Discrete Time is also for anyone who may be interested in a rigorous and accessible mathematical construction of the tools and concepts used in financial mathematics, or in the application of the martingale theory in finance

MARCH 2022 240PP
978-1-78630-669-2 CL \$165.00 (Japan)
Applied Mathematics

An Introduction to Differential Geometry with Tensor Applications

EDITOR DIPANKAR DE

Introduction to Differential Geometry with Tensor Applications discusses the theory of tensors, curves and surfaces and their applications in Newtonian mechanics. Since tensor analysis deals with entities and properties that are independent of the choice of reference frames, it forms an ideal tool for the study of differential geometry and also of classical and celestial mechanics. This book provides a profound introduction to the basic theory of differential geometry: curves and surfaces and analytical mechanics with tensor applications. The author has tried to keep the treatment of the advanced material as lucid and comprehensive as possible, mainly by including utmost detailed calculations, numerous illustrative examples, and a wealth of complementing exercises with complete solutions making the book easily accessible even to beginners in the field.

Groundbreaking and thought-provoking, this volume is an outstanding primer for modern differential geometry and is a basic source for a profound introductory course or as a valuable reference. It can even be used for self-study, by students or by practicing engineers interested in the subject. Whether for the student or the veteran engineer or scientist, *Introduction to Differential Geometry with Tensor Applications* is a must-have for any library.

SERIES: MODERN MATHEMATICS IN COMPUTER SCIENCE

MARCH 2022 UnknownPP
978-1-119-79562-9 CL \$225.00 (Japan)
Geometry & Topology

メディカル・サイエンス

Essential Manual of 24 Hour Blood Pressure Management

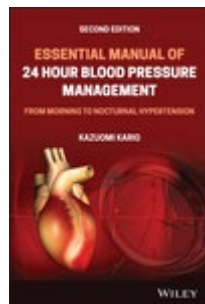
From Morning to Nocturnal Hypertension

2nd Edition

KAZUOMI KARIO

Jichi Medical University, Japan

Hypertension is one of the greatest threats to human health. The World Health Organization (WHO) estimates that 1.13 billion people worldwide have hypertension. In 2017, new guidelines for managing hypertension were published by the American Hypertension Association (AHA), guidelines which lowered the diagnosis thresholds of hypertension, and thereby increased the prevalence of hypertension. As such, hypertension is now recognized as a more serious and widespread condition than ever before.



In this new edition of the *Essential Manual of 24-Hour Blood Pressure Management*, the author emphasizes that lowering the blood pressure (BP) and restoring the BP profile with adequate circadian rhythm is essential for a long life without cardiovascular events. The author also introduces updated evidence for managing hypertension throughout 24-hour periods, from morning to nocturnal hypertension.

The *Essential Manual of 24-Hour Blood Pressure Management, Second Edition*, will be an essential companion for doctors who wish to provide evidence-based medicine and be familiar with the most cutting edge technology on monitoring BP. Medical researchers and students will also value the author's many insights, drawn from his distinguished career.

MARCH 2022 400PP
978-1-119-79936-8 PB \$70.00 (Japan)
ENDOVASCULAR MEDICINE

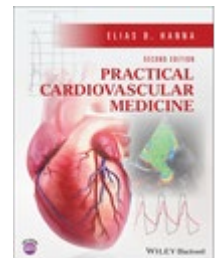
Practical Cardiovascular Medicine

2nd Edition

ELIAS B. HANNA

Louisiana State University School of Medicine, New Orleans, LA, USA

Providing a complete but succinct overview of the information cardiologists and cardiology trainees need to have at their fingertips, *Practical Cardiovascular Medicine, Second Edition* is an everyday primary guide to the specialty.



- Provides cardiologists with a thorough and up-to-date review of cardiology, from pathophysiology to practical, evidence-based management
- Ably synthesizes pathophysiology fundamentals and evidence-based approaches to prepare a physician for a subspecialty career in cardiology
- Clinical chapters cover coronary artery disease, heart failure, arrhythmias, valvular disorders, pericardial disorders, congenital heart disease, and peripheral arterial disease
- Practical chapters address ECG, coronary angiography, catheterization techniques, echocardiography, hemodynamics, and electrophysiological testing
- Includes over 730 figures, key notes boxes, references for further study, and coverage of clinical trials
- Review questions help clarify topics and can be used for Board preparation - over 650 questions in all

The *Second Edition* has been comprehensively updated with the newest data and with both the American and European guidelines. More specifically, 20 clinical chapters have been rewritten and extensively revised. Procedural chapters have been enhanced with additional concepts and illustrations, particularly the hemodynamic and catheterization chapters. Clinical questions have been revamped, new questions have been added, including a new, 259-question section at the end of the book.

Practical Cardiovascular Medicine, Second Edition is an ideal reference for the resident, fellow, cardiologist, and any professional treating patients with cardiovascular disease.

MARCH 2022 992PP
978-1-119-83270-6 PB \$135.00 (Japan)
CARDIOVASCULAR SURGERY

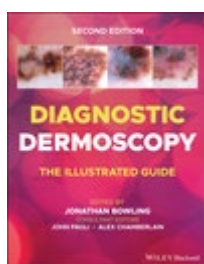
Diagnostic Dermoscopy

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* offers:

- A comprehensive overview of melanocytic lesions, melanoma presentations, and non-melanocytic lesions
- Thorough explorations of basal cell carcinoma and keratinocyte dysplasia
- Practical discussions of several special sites, including acral, nail, facial, and scalp lesions, as well as trichoscopy
- In-depth examinations of vascular lesions, inflammoscopy for general dermatology, and entomodermoscopy
- Detailed illustrations of genetic and iatrogenic lesions
- Tips from international experts in melanoma diagnosis

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

MARCH 2022 320PP
978-1-118-93048-9 PB \$100.00 (Japan)
DERMATOLOGY

Cosmetic Dermatology

Products and Procedures, 3rd Edition

EDITOR ZOE DIANA DRAELOS

In the Third Edition of *Cosmetic Dermatology: Products and Procedures*, accomplished dermatologist Dr. Zoe Diana Draelos delivers the latest information on procedural innovations in the rapidly developing field of cosmetic dermatology. This new edition is structured to follow the typical patient's cosmetic routing, from everyday moisturizing to adornment and anti-aging techniques. It includes summary boxes at the start of each section to allow for quick reference in a clinical setting, over 300 full-color images illustrate procedures, and demonstrates the benefits of cosmetic products and techniques.



Cosmetic Dermatology combines the expertise of leaders in research, industry, surgery, and practice to introduce cutting edge concepts and outline the best techniques in the cosmetic field.. It addresses appearance issues affecting the skin, hair, and nails. The new edition offers a complete cosmetic regimen for the patients of any cosmetic dermatologist, whether hospital-based or in private practice. It also provides:

- A thorough introduction to basic concepts in dermatology, including skin physiology pertinent to cosmetic dermatology and the delivery of cosmetic actives
- A comprehensive exploration of skin hygiene products, including cleansers, moisturizers, and personal care products
- Practical discussions of adornments, including colored facial cosmetics, eye cosmetics, camouflaging products, nail cosmetics, and hair cosmetics

Cosmetic Dermatology is perfect for practicing and academic dermatologists, trainee dermatologists, dermatology nurses, and skin care industry researchers. It will also earn a place in the libraries of gynecologists, medical aestheticians, family practitioners, and plastic surgeons.

MARCH 2022 560PP
978-1-119-67683-6 CL \$220.00 (Japan)
COSMETIC / ESTHETIC DERMATOLOGY

Blood Cells

A Practical Guide, 6th Edition

BARBARA J. BAIN, LONDON, UNITED KINGDOM

St Mary's Hospital, London, UK

A comprehensive discussion of haematological morphology

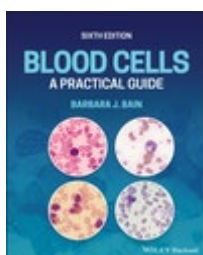
In the newly revised Sixth Edition of *Blood Cells: A Practical Guide*, expert haematologist Barbara J. Bain delivers a robust guide for use in the diagnostic hematology laboratory, covering methods of collection of blood specimens, blood film preparation and staining, the principles of manual and automated blood counts, and the assessment of the morphological features of blood cells.

The book functions well as both a straightforward and practical bench manual and as a reference source for practicing hematologists. It has been completely updated to incorporate newly published information and 400 high-quality photographs to aid in blood cell identification. The text is comprehensive and fully supported by references.

A companion website contains multiple-choice questions to aid the reader in retaining the information contained within. While the book provides additional guidance on further tests that should be performed for specific provisional diagnoses, the main focus of the text remains on microscopy and the automated full blood count.

Perfect

for practicing haematologists and haematology trainees, *Blood Cells: A Practical Guide* will also earn a place in the libraries of biomedical scientists working in laboratory settings. Many laboratories worldwide regard it as an essential bench book.



MARCH 2022 640PP
978-1-119-82027-7 CL \$150.00 (Japan)
HEMATOLOGY

Coronavirus Disease 2019 (Covid-19)

A Clinical Guide

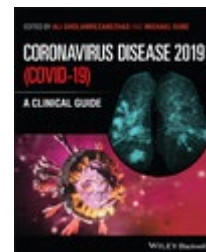
EDITOR ALI GHOLAMREZANEZHAD

Provides comprehensive coverage of all key aspects of COVID-19, including: etiology, diagnosis, symptomatology, management, and treatment

Coronavirus Disease 2019 (COVID-19): A Clinical Guide provides healthcare professionals at all levels with up-to-date knowledge about the clinical, epidemiological, genomic, virological, and radiologic features of COVID-19. Consolidating multiple systematic reviews and meta-analyses into a single volume, this comprehensive textbook also addresses health policies, mass casualty planning, healthcare worker safety, economic impact, lessons for future outbreaks, and other para-clinical and social aspects of the of the COVID-19 pandemic.

The text presents a thorough summary and critical analysis of COVID-19 based on an exhaustive review of recently published literature and data. Topics include the virologic characteristics of SARS-CoV-2, pulmonary and extrapulmonary manifestations and consequences of COVID-19, prevention and transmission control, the pandemic's indirect impact to the care and management of other diseases, passive immunotherapy and its implications, diagnostic and treatment approaches for critically ill patients, and more.

Coronavirus Disease 2019 (COVID-19): A Clinical Guide is an indispensable source of information for all clinicians, researchers, epidemiologists, nurses, radiologists, and healthcare managers working to address any aspect of the COVID-19 pandemic.



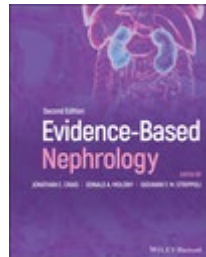
MARCH 2022 600PP
978-1-119-78968-0 CL \$130.00 (Japan)
Infectious Disease

Evidence-Based Nephrology

2nd Edition

DONALD A. MOLONY M.D., JONATHAN C. CRAIG & GIOVANNI STRIPPOLI

Evidence-based Nephrology provides students of nephrology and practicing clinicians with a convenient single source of clinical evidence that has been passed through an evidence-based filter. This fully revised second edition incorporates substantial new available data, updated methods of research synthesis, and a renewed focus on consumer engagement in the evaluation and management kidney disease.



This updated textbook includes twenty new chapters and three new sections, covering supportive care and patient-centered care and outcomes. In addition, every chapter that was in the first edition has been extensively updated. This new edition covers epidemiology, acute kidney injury, primary diseases of the kidney, secondary diseases of the kidney, chronic kidney disease and complications, hemodialysis, chronic kidney disease stage 5, peritoneal dialysis, supportive care, transplantation, electrolytes and acid-base disorders, and patient centered care and outcomes for both adult and for pediatric patients.

Boasting a new co-editor along with several new chapter authors and section editors, *Evidence-based Nephrology* is now an even better evidence-based nephrology tool, where each chapter provides a clear foundation of the topic that is supported by the best current evidence. This new edition includes broader coverage of the available evidence and addresses crucial clinical questions regarding the treatment and care of people with all stages of chronic kidney disease, including people undergoing any form of dialysis (hemodialysis or peritoneal dialysis), those requiring kidney transplantation and pediatric patients.

Evidence-based Nephrology, Second Edition, is a core resource for the evidence-based nephrology practitioner who is otherwise limited by time constraints from researching every question that may arise daily in the care of their patients.

SERIES: EVIDENCE-BASED MEDICINE

MARCH 2022 1424PP
978-1-119-10592-3 CL \$355.00 (Japan)
NEPHROLOGY

SINDA Standardized Infant NeuroDevelopmental Assessment

An Instrument for Early Detection of Neurodevelopmental Disorders

MIJNA HADDERS-ALGRA, UTA TACKE, JOACHIM PIETZ & HEIKE PHILIPPI

University of Groningen

SERIES: MAC KEITH PRESS PRACTICAL GUIDES

MARCH 2022 208PP
978-1-911612-61-2 CL \$60.00 (Japan)
Neurology

Abnormal Chromosomes

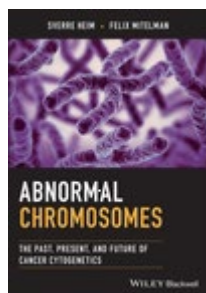
The Past, Present, and Future of Cancer Cytogenetics

FELIX MITELMAN & SVERRE HEIM

University of Lund, Sweden; The Norwegian Radium Hospital, Norway

Explore the past, present, and future of cancer cytogenetics

In *Abnormal Chromosomes: The Past, Present, and Future of Cancer Cytogenetics*, globally renowned researchers Drs. Sverre Heim and Felix Mitelman deliver a state-of-the-art review of how cancer cytogenetic analyses have contributed to an improved understanding of tumorigenesis as well as to the diagnosis and treatment of cancer patients. The book also discusses how cytogenetics -- the study of chromosomes - meets, interacts with, and cross-fertilizes other investigative technologies, including molecular somatic cell genetics.



The book provides an impetus to think more deeply about the role chromosomes, and their abnormalities, play in health and disease, especially in neoplastic disorders. From which origins did cytogenetics develop? How did the finding of acquired chromosomal abnormalities in cells of leukemias and solid tumors influence our understanding of cancer as a biological process? How was information of this nature put to good use in the clinical management of cancer patients?

Abnormal Chromosomes: The Past, Present, and Future of Cancer Cytogenetics was written for everyone with a scientific or clinical interest in cancer, especially how acquired chromosome abnormalities lead to neoplastic transformation. The book teaches how cytogenetic analyses contribute to a better understanding of tumorigenesis, but also how the finding of specific chromosome aberrations can be crucial for the diagnosis, prognosis, and management of cancer patients.

MARCH 2022 288PP
978-1-119-65198-7 CL \$125.00 (Japan)
Medical Oncology

Pathology at a Glance

2nd Edition

CAROLINE FINLAYSON, BARRY NEWELL & ASMA Z. FARUQI

St George's Hospital Medical School; St. George's Hospital Medical School

Following the familiar, easy-to-use *at a Glance* format and in full-colour, *Pathology at a Glance* is an accessible introduction and revision text for medical students. Reflecting changes to the curriculum content and assessment methods employed by medical schools, this new edition provides a user-friendly overview of pathology to encapsulate all that the student needs to know.



Pathology at a Glance, Second Edition:

- Addresses the key principles of pathology that are central to medicine
- Contains full-colour artwork throughout, making the subject easy to understand
- Presents schematic diagrams on the left page and concise explanations on the right
- Is divided into three sections, covering general and systematic pathology and clinical case examples
- Contains self-assessment material, including 10 structured case study questions
- Covers general pathology mechanisms and the clinical pathology of body systems
- Provides key information on the epidemiology, pathogenesis and clinical features of the major diseases
- Revision of many chapters, particularly gynaecological pathology, acute cardiac syndromes, paediatric tumours and haematopathology

This book is an invaluable resource for all medical students, of equal benefit for those starting their study of pathology or approaching finals; for junior doctors approaching their membership exams and anybody who needs a handy reference.

SERIES: AT A GLANCE

MARCH 2022 400PP
978-1-119-47245-2 PB \$44.95 (Japan)
PATHOLOGY

機械工学

Innovation in Sport

Innovation Trajectories and Process Optimization

BASTIEN SOULE, JULIE HALLE, BENEDICTE VIGNAL, ERIC
BOUTROY & OLIVIER MILLET

Whether in terms of practices, equipment or services, the sports sector is characterized by intense inventiveness and is an excellent subject to study innovation processes. This book provides a sociological reading of these processes, illustrated by case studies that allow us to grasp the complexity of innovation trajectories. The case studies highlight the astonishing pathways, from the origin of inventions to their effective dissemination and use, and including the bifurcations of projects. The "surprises" thus presented refer to an invariant of innovation processes, namely that trajectories are rarely linear and that the control exercised over them is relative. Innovation in Sport concludes with a set of recommendations for optimizing the management of sport innovation. This book is intended for students of sports science and management, as well as for professionals and entrepreneurs in the sports markets.



MARCH 2022 UnknownPP
978-1-78630-655-5 CL \$165.00 (Japan)
Sports Science

Engineering Design

A Project-Based Introduction, 5th Edition

CLIVE L. DYM, PATRICK LITTLE & ELIZABETH ORWIN
Harvey Mudd College

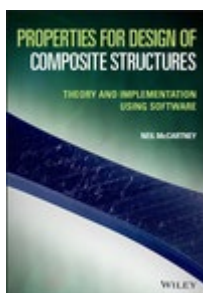
MARCH 2022 336PP
978-1-119-47581-1 PB \$75.95 (Japan)
MECHANICAL ENGINEERING - DESIGN

Properties for Design of Composite Structures

Theory and Implementation Using Software

NEIL MCCARTNEY

A comprehensive guide to analytical methods and source code predicting behaviour of undamaged and damaged composite materials



The book provides readers with all relevant theoretical information to help them understand the ways in which thermo-elastic properties of two phase and multi-phase composites can be estimated using consistent methods from properties of reinforcement and matrix, and from geometrical data, especially volume fractions, for both undamaged and damaged composites.

Properties for Composite Structures: Theory, Applications and Software focuses on the use of fibre properties that are transverse isotropic and the inclusion of the effects of thermal residual stresses. The book offers very useful explicit formulae and theoretical extensions that are not published in learned journals. Divided into four parts, the book covers: Principles, formulae for homogeneous materials and applications; Properties of undamaged composites; Properties of damaged composites; and Derivations of key results.

Key features:

- Focuses on descriptions of the theoretical derivations using analytical methods that are the basis of estimating the undamaged and damaged effective properties of composite materials.
- Provides computer source code to enable readers to reproduce results given in the book, and for their own purposes.
- Includes previously unpublished results.

Properties for Composite Structures: Theory, Applications and Software is an essential guide for designers of composite materials and composite engineering components.

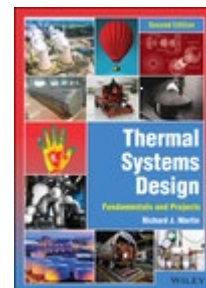
MARCH 2022 560PP
978-1-118-48528-6 CL \$110.00 (Japan)
Mechanical Engineering - Design

Thermal Systems Design

Fundamentals and Projects, 2nd Edition

RICHARD J. MARTIN

Discover a project-based approach to thermal systems design



In the newly revised Second Edition of *Thermal Systems Design: Fundamentals and Projects*, accomplished engineer and educator Dr. Richard J. Martin offers senior undergraduate and graduate students an insightful exposure to real-world design projects. The author delivers a brief review of the fundamental laws of thermodynamics, fluid mechanics, heat transfer, and combustion theory before moving on to a more expansive discussion of how to apply these theories to design common thermal systems, like burners, boilers, combustion turbines, heat pumps, and refrigeration systems.

The book includes design prompts for 14 real-world projects, teaching students and readers how to approach tasks like preparing Process Flow Diagrams and computing the thermodynamic details necessary to describe the states designated therein. Readers will learn to size pipes, ducts, and major equipment and to prepare Piping and Instrumentation Diagrams that contain the instruments, valves and control loops needed for automatic functioning of the system.

The *Second Edition* offers an updated look at the pedagogy of conservation equations, new examples of fuel-rich combustion, and a new summary of techniques to mitigate against thermal expansion and shock.

Perfect for students and instructors in Thermal Systems Design courses at the senior undergraduate and graduate levels, *Thermal Systems Design: Fundamentals and Projects* is also a must-read resource for mechanical and chemical engineering practitioners who are seeking to extend their engineering know-how to a wide range of unfamiliar thermal systems.

MARCH 2022 560PP
978-1-119-80347-8 CL \$124.95 (Japan)
Mechanical Engineering - Design

材料科学

Robust Control

Youla Parameterization Approach

FARHAD ASSADIAN & KEVIN R. MALLON

Discover efficient methods for designing robust control systems

In *Robust Control: Youla Parameterization Approach*, accomplished engineers Dr. Farhad Assadian and Kevin R. Mallon deliver an insightful treatment of robust control system design that does not require a theoretical background in controls. The authors connect classical control theory to modern control concepts using the Youla method and offer practical examples from the automotive industry for designing control systems with the Youla method.



The book demonstrates that feedback control can be elegantly designed in the frequency domain using the Youla parameterization approach. It offers deep insights into the many practical applications from utilizing this technique in both Single Input Single Output (SISO) and Multiple Input Multiple Output (MIMO) design. Finally, the book provides an estimation technique using Youla parameterization and controller output observer for the first time.

Perfect for industrial researchers and engineers working with control systems, *Robust Control: Youla Parameterization Approach* is also an indispensable resource for graduate students in mechanical, aerospace, electrical, and chemical engineering.

SERIES: WILEY-ASME PRESS SERIES

MARCH 2022 512PP
978-1-119-50036-0 CL \$140.00 (Japan)
Control Process & Measurements

Electronic Packaging Science and Technology

KING-NING TU, CHIH CHEN & HUNG-MING CHEN

Must-have reference on electronic packaging technology!

The electronics industry is shifting towards system packaging technology due to the need for higher chip circuit density without increasing production costs. Electronic packaging, or circuit integration, is seen as a necessary strategy to achieve a performance growth of electronic circuitry in next-generation electronics. With the implementation of novel materials with specific and tunable electrical and magnetic properties, electronic packaging is highly attractive as a solution to achieve denser levels of circuit integration.

The first part of the book gives an overview of electronic packaging and provides the reader with the fundamentals of the most important packaging techniques such as wire bonding, tap automatic bonding, flip chip solder joint bonding, microbump bonding, and low temperature direct Cu-to-Cu bonding. Part two consists of concepts of electronic circuit design and its role in low power devices, biomedical devices, and circuit integration. The last part of the book contains topics based on the science of electronic packaging and the reliability of packaging technology.



MARCH 2022 336PP
978-1-119-41831-3 CL \$195.00 (Japan)
Electronic Materials

Transition Metal Oxides for Electrochemical Energy Storage

EDITOR JAGJIT NANDA & EDITOR VERONICA AUGUSTYN

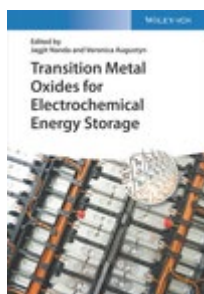
Explore the most authoritative handbook on transition metal oxides for energy storage

Metal oxides have become one of the most important classes of materials in energy storage and conversion. They continue to have tremendous potential for research into new materials and devices in a wide variety of fields. *Transition Metal Oxides for Electrochemical Energy Storage* delivers an insightful, concise, and focused exploration of the science and applications of metal oxides in intercalation-based batteries, solid electrolytes for ionic conduction, pseudocapacitive charge storage, transport and 3D architectures and interfacial phenomena and defects.

The book serves as a one-stop reference for materials researchers seeking foundational and applied knowledge of the titled material classes. *Transition Metal Oxides* offers readers in-depth information covering electrochemistry, morphology, and both in situ and in operando characterization. It also provides novel approaches to transition metal oxide-enabled energy storage, like interface engineering and three-dimensional nanoarchitectures.

Perfect for materials scientists, electrochemists, inorganic chemists, and applied physicists, *Transition Metal Oxides for Electrochemical Energy Storage* will also earn a place in the libraries of engineers in power technology and professions working in the electrotechnical industry seeking a one-stop reference on transition metal oxides for energy storage.

APRIL 2022 500PP
978-3-527-34493-2 CL \$193.97 (Japan)
Electronic Materials



Corrosion Policy Decision Making

Science, Engineering, Management, and Economy

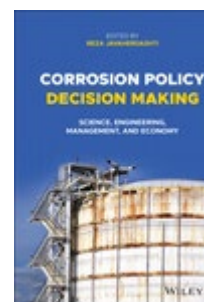
EDITOR REZA JAVAHERDASHTI

Qatar University, Doha, Qatar

Explore the science, management, economy, ecology, and engineering of corrosion management and prevention

In *Management of Corrosion: A Smarter, More Innovative Approach Towards Corrosion Management*, distinguished consultant and corrosion expert Dr. Reza Javaherdashti delivers an insightful overview of the fundamental principles of corrosion with a strong focus on the applicability of corrosion theory to industrial practice. The authors demonstrate various aspects of smart corrosion management and persuasively make the case that there is a real difference between corrosion management and corrosion knowledge management.

This book is ideal for engineers, students, and managers working or studying corrosion, *Management of Corrosion: A Smarter, More Innovative Approach Towards Corrosion Management* is also an indispensable resource for professionals in the fields of upstream and downstream, on-shore/off-shore oil and gas, transportation, mining, power generation as well as major sectors of other strategic industries.

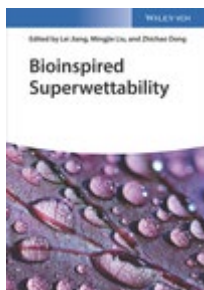


MARCH 2022 400PP
978-1-119-76431-1 CL \$175.00 (Japan)
Corrosion

Bioinspired Superwettability

LEI JIANG, EDITOR MINGJIE LIU & EDITOR ZHICHAO DONG

The book provides a comprehensive and broad overview of superwettability with concepts borrowed from biology. It starts with the fundamentals of wetting behavior and then covers the preparation and characterization of materials with different degrees of wettability. The major part of the book is devoted to the potential and already realized applications of superwettability.



MARCH 2022 625PP
978-3-527-34402-4 CL \$235.00 (Japan)
Thin Films, Surfaces & Interfaces

Inkjet Printing in Industry

Materials, Technologies, Systems, and Applications

WERNER ZAPKA

A landmark reference on industrial-scale inkjet printing

This handbook provides an indispensable overview of all essential aspects of industrial-scale inkjet printing. Inkjet printing, as a scalable deposition technique, has grown in popularity due to its being additive, digital, and contact-free. Given these advantages, the technology can now be used in stable and mature industrial-scale applications, for example, in the electronics and sensors industry. As the mechanisms for inkjet printing have improved, so too have the versatility and applicability of this machinery within industry.

The handbook's coverage includes, but is not limited to, inks, printhead technology, substrates, metrology, software, as well as machine integration and pre- and postprocessing approaches. This information is complemented by an overview of printing strategies and application development and provides a review of novel technological advances, such as printed electronics, robotics, 3D printing, and bioprinting.

Readers will also find:

- * The most comprehensive work on the topic with over 75 chapters and more than 1,500 pages relating to inkjet printing technology
 - * The inkjet-printing expertise of academic researchers and corporate development engineers in one manual
 - * A hands-on approach utilizing case studies, success stories, and practical hints that allow the reader direct, first-hand experience with the power of inkjet printing technology
- The ideal resource for material scientists, engineering scientists in industry, electronic engineers, and surface and solid-state chemists, Inkjet Printing in Industry is an all-in-one tool for modern professionals and researchers alike.

MARCH 2022 1500PP
978-3-527-34780-3 CL \$555.77 (Japan)
THIN FILMS, SURFACES & INTERFACES

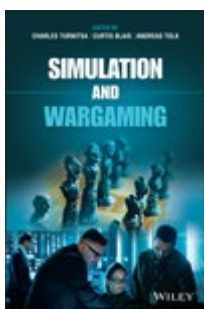
Simulation and Wargaming

EDITOR CHARLES TURNITSA, EDITOR CURTIS BLAIS & ANDREAS TOLK, NORFOLK, UNITED STATES

Old Dominion University

Understanding the potential synergies between computer simulation and wargaming

Based on the insights of experts in both domains, *Simulation and Wargaming* comprehensively explores the intersection between computer simulation and wargaming. This book shows how the practice of wargaming can be augmented and provide more detail-oriented insights using computer simulation, particularly as the complexity of military operations and the need for computational decision aids increases.



The distinguished authors have hit upon two practical areas that have tremendous applications to share with one another but do not seem to be aware of that fact. The book includes insights into:

- The application of the data-driven speed inherent to computer simulation to wargames
- The application of the insight and analysis gained from wargames to computer simulation
- The areas of concern raised by the combination of these two disparate yet related fields
- New research and application opportunities emerging from the intersection

Addressing professionals in the wargaming, modeling, and simulation industries, as well as decision makers and organizational leaders involved with wargaming and simulation, *Simulation and Wargaming* offers a multifaceted and insightful read and provides the foundation for future interdisciplinary progress in both domains.

MARCH 2022 432PP
978-1-119-60478-5 CL \$135.00 (Japan)
Theory, Modeling & Simulation

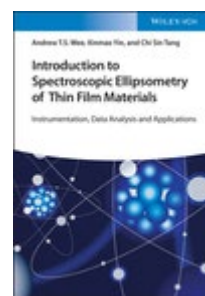
Introduction to Spectroscopic Ellipsometry of Thin Film Materials

Instrumentation, Data Analysis and Applications

ANDREW THYE SHEN WEE, XINMAO YIN & CHI SIN TANG

National University of Singapore, Singapore

This book serves as an updated introductory text on the use of Spectrometric Ellipsometry with its practical usage in probing interfacial properties, electronic structures and quasiparticle properties of different classes of thin-film materials.



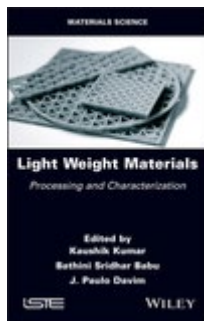
MARCH 2022 300PP
978-3-527-34951-7 PB \$104.95 (Japan)
Materials Characterization

Light Weight Materials

Processing and Characterization

EDITOR KAUSHIK KUMAR, EDITOR BATHINI SRIDHAR BABU &
EDITOR J. PAULO DAVIM

University of Aveiro, PORTUGAL



MARCH 2022 256PP
978-1-78630-797-2 CL \$165.00 (Japan)
Materials Characterization

Spectroscopy and Characterization of Nanomaterials and Novel Materials

Experiments, Modeling, Simulations, and Applications

EDITOR PRABHAKAR MISRA

The book provides in-depth knowledge on advanced characterization methods of nanomaterials such as Raman, Infrared, UV-VIS and electron energy loss spectroscopy, and highlights applications of nanomaterials in energy research, optoelectronics and space science.

APRIL 2022 560PP
978-3-527-34937-1 CL \$185.00 (Japan)
Materials Characterization

ナノテクノロジー

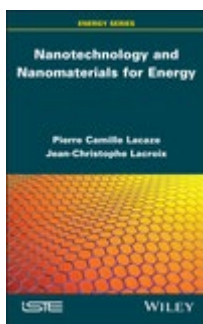
Nanotechnologies and Nanomaterials for Energy

PIERRE-CAMILLE LACAZE & JEAN-CHRISTOPHE LACROIX

The major topical and societal issues of energy transition and environmental conservation have benefited from the contribution of nanotechnologies and nanomaterials. Nanomaterials, including carbon-based newcomers, have helped to improve in particular the performance of energy storage and conversion devices.

Some of these nanomaterials, including fullerenes, carbon nanotubes, nanodiamonds and carbon dots, were discovered well before the 2000s. Others are more recent, including graphene (the leading material of the 21st century) as well as many mineral materials developed at the nano scale: atomic clusters, metal or semiconductor nanoparticles, two-dimensional inorganic materials, metal-organic frameworks (MOF) and luminescent quantum dots. All of these are involved in the realization of devices for energy purposes.

Nanotechnology and Nanomaterials for Energy provides a critical analysis of the latest work in the fields of batteries, photovoltaics, fuel cells and catalysis as well as lighting, with the advent of light-emitting diodes.



MARCH 2022 UnknownPP
978-1-78630-497-1 CL \$165.00 (Japan)
Nanomaterials

ナーシング

The Great Ormond Street Hospital Manual of Children and Young People's Nursing Practices

2nd Edition

EDITOR ELIZABETH BRUCE, EDITOR JANET WILLISS & EDITOR FAITH GIBSON

Great Ormond Street Hospital, London

Clinical skills are essential in the provision of care for children and young people. *The Great Ormond Street Hospital Manual of Children and Young People's Nursing Practices* provides expert guidance on evidence-based clinical procedures, helping students and newly registered nurses develop sound clinical judgement and confidence. This comprehensive resource covers all aspects of children's nursing, from the fundamentals of everyday practice to advanced care in high dependency and intensive care settings. As such, its relevance and usefulness reach beyond those newly registered; it remains a valuable resource for experienced nurses wishing to further expand their nursing skills.



Now in its second edition, this thoroughly updated guide demonstrates each procedure, explains the underlying theory and evidence, and speaks to the unique challenges of working with children and young people. New chapters address mental health, complementary therapies, learning difficulties, and the deteriorating child, whilst expanded content examines blood glucose monitoring, glucocorticoid treatment, insulin administration, diabetes care, surgical diathermy, non-invasive ventilation, and much more.

The second edition of *The Great Ormond Street Hospital Manual* is an indispensable resource for registered nurses, students, and other healthcare professionals involved in delivering clinically effective, evidenced-based, family-centred care.

MARCH 2022 792PP
978-1-118-89822-2 PB \$61.95 (Japan)
NURSING CHILDREN & YOUNG PEOPLE

Fundamentals of Pharmacology for Paramedics

EDITOR IAN PEATE, GIBRALTAR

University of Hertfordshire, UK

Fundamentals of Pharmacology for Paramedics provides students with the insight and understanding of pharmacological essentials needed to respond effectively to the patients' needs. This textbook will help students improve, expand, and enhance their expertise and the overall health and wellbeing of their patients, while boosting their self-confidence as paramedics in the process. This textbook integrates the extensive knowledge of pharmacology into a workable and accessible plan of care that will help to improve patient care. The book also includes:

- Thorough introductions to pharmacology and how to use pharmaceutical, and prescribing reference guides
- Comprehensive explorations of the legal and ethical issues of pharmacology within paramedicine and the role of the paramedic in medicines management
- Practical discussions of pharmacodynamics, pharmacokinetics, drug formulations, and adverse drug reactions
- In-depth examinations of a wide variety of medicines, including analgesics, antibacterials, and medications used in the cardiovascular, renal, respiratory, gastrointestinal, and nervous systems

Written for students of paramedicine, *Fundamentals of Pharmacology for Paramedics* would also prove an indispensable resource for practicing paramedics seeking a practical, one-stop reference on a challenging subject.

MARCH 2022 2700PP
978-1-119-72428-5 PB \$44.95 (Japan)
Acute, Critical & Emergency Care

物理学

Physics I Workbook For Dummies with Online Practice

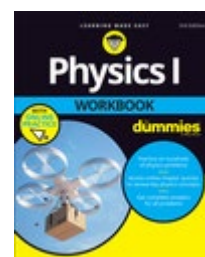
3rd Edition

THE EXPERTS AT DUMMIES, HOBOKEN, UNITED STATES

Wiley

Nail your next physics exam and prepare yourself for the next level of physics education

Physics isn't the easiest part of high school, but it doesn't have to be pull-your-hair-out hard. In *Physics I Workbook For Dummies*, you get practical guidance to reinforce what you already know and master new physics concepts. You'll gain confidence in critical subject areas like motion, thermodynamics, and electromagnetism while setting yourself up for success in college- and university-level physics courses.



This book offers hands-on practice exercises in the book and on an online test bank that come with plain-English answers and step-by-step explanations so you can see what you did right and where you need practice. The perfect combination of instruction and application, *Physics I Workbook For Dummies* also provides:

- Understandable explanations of central physics concepts and the techniques you need to solve common problems
- Practice questions with complete answer explanations to test your knowledge as you progress
- Highlights of the ten most common pitfalls and traps that students encounter in physics assignments and exams and how to avoid them
- A collection of the ten most useful online physics resources, along with free, 1-year access to online chapter quizzes

Whether you're planning to tackle the MCAT one day or just want to improve your performance on your next physics test, *Physics I Workbook For Dummies* offers you an opportunity to master a rewarding and challenging subject that unlocks countless educational and career opportunities.

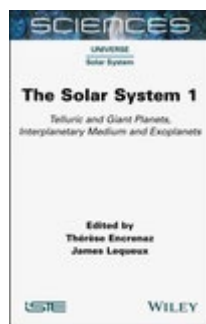
MARCH 2022 352PP
978-1-119-71647-1 PB \$29.99 (Japan)
POPULAR INTEREST PHYSICS

The Solar System 1

Telluric and Giant Planets, Interplanetary Medium and Exoplanets

EDITOR THERESE ENCRENAZ & EDITOR JAMES LEQUEUX

This book presents a global and synthetic vision of planetology -- the study of objects in the Solar System. In the past several decades, planetology has undergone a real revolution, marked in particular by the discovery of the Kuiper belt beyond Neptune, the discovery of extrasolar planets, and also by the space exploration of ever more distant objects. Today, it is at the crossroads of many disciplines: astronomy, geophysics, geochemistry and biology.



The Solar System 1 deals with the Solar System as a whole, offering a general presentation of the objects that compose it and its place in the galaxy. It also deals with planetary systems, exoplanets and the interaction of Solar System objects with interplanetary medium. Finally, it analyzes the telluric and giant planets.

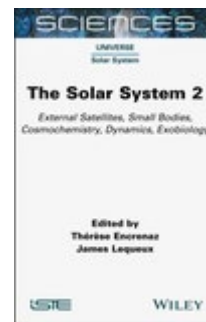
MARCH 2022 352PP
978-1-78945-033-0 CL \$165.00 (Japan)
Astronomy & Astrophysics

The Solar System 2

External Satellites, Small Bodies, Cosmochemistry, Dynamics, Exobiology

EDITOR THERESE ENCRENAZ & EDITOR JAMES LEQUEUX

This book presents a global and synthetic vision of planetology -- the study of objects in the Solar System. In the past several decades, planetology has undergone a real revolution, marked in particular by the discovery of the Kuiper belt beyond Neptune, the discovery of extrasolar planets, and also by the space exploration of ever more distant objects. Today, it is at the crossroads of many disciplines: astronomy, geophysics, geochemistry and biology.



The Solar System 2 studies the outer Solar System: satellites and rings of giant planets, small bodies and dwarf planets. It also deals with meteorites and cosmochemistry, as well as the formation and dynamics of the Solar System. It addresses the question of the origin of life and extraterrestrial life, and presents all of the methods in the study of planetology.

MARCH 2022 368PP
978-1-78945-034-7 CL \$165.00 (Japan)
Astronomy & Astrophysics

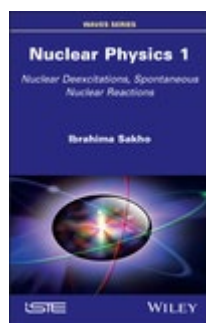
哲学

Nuclear Physics 1

Nuclear Deexcitations, Spontaneous Nuclear Reactions

IBRAHIMA SAKHO

This book presents the foundations of nuclear physics, covering several themes that range from subatomic particles to stars. Also described in this book are experimental facts relating to the discovery of the electron, positron, proton, neutron and neutrino. The general properties of nuclei and the various nuclear de-excitation processes based on the nucleon layer model are studied in greater depth.



This book addresses the conservation laws of angular momentum and parity, the multipolar transition probabilities E and M, gamma de-excitation, internal conversion and nucleon emission de-excitation processes. The fundamental properties of $^{1\pm}$ and $^{1^2}$ disintegrations, electron capture, radioactive fissions, and Bateman equations are also examined. Nuclear Physics 1 is intended for high school physics teachers, students, research teachers and science historians specializing in nuclear physics.

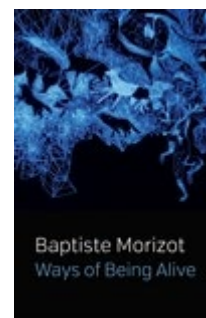
MARCH 2022 UnknownPP
978-1-78630-641-8 CL \$165.00 (Japan)
Nuclear & High Energy Physics

Ways of Being Alive

BAPTISTE MORIZOT & TRANSLATED BY ANDREW BROWN

Queen Victoria Hospital, East Grinstead, West Sussex, UK

READERSHIP: Students and scholars in animal studies, philosophy, environmental studies and anthropology, and general readers interested in animals, ecology and the environment



MARCH 2022 290PP
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978-1-5095-4721-0 PB \$24.95 (Japan)
General Philosophy

Introducing Philosophy Through Pop Culture

From Socrates to Star Wars and Beyond

2nd Edition

EDITOR WILLIAM IRWIN, WILKES-BARRE, UNITED STATES & EDITOR
DAVID KYLE JOHNSON

Wilkes-Barre, Pennsylvania; King's College, USA

MARCH 2022 400PP
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INTRODUCTIONS TO PHILOSOPHY

One Beat More

Existentialism and the Gift of Mortality

KEVIN AHO

READERSHIP: Students, professors
and general readers interested in
ageing, death, dying and existentialist
philosophy

MARCH 2022 176PP
978-1-5095-4689-3 CL \$64.95 (Japan)
978-1-5095-4690-9 PB \$22.95 (Japan)
Introductions to Philosophy

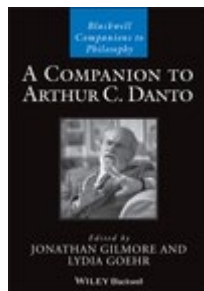


A Companion to Arthur C. Danto

EDITOR LYDIA GOEHR & EDITOR JONATHAN GILMORE

Columbia University, New York, NY; City University of New York/Baruch College, NY

A Companion to Arthur C. Danto paints a detailed portrait of one of the most significant figures in twentieth-century philosophy and art criticism, offering unparalleled coverage of all aspects of Danto's writings, artworks, and thought. Edited by two long-time colleagues of Arthur Danto, this interdisciplinary resource presents more than 40 original essays from both prominent Danto scholars and leading practitioners from various sub-fields of philosophy.



The *Companion* illuminates Danto's many contributions to the artworld, aesthetics, criticism, and philosophy of knowledge, action, science, history, and politics. The essays explore central concepts and intersecting themes in Danto's writings while providing new interventions into the areas of philosophy in which Danto engaged. Topics include Danto's mode of writing and art production, his critical engagement with artists and philosophers, conflicts in Danto's views and in interpretations of his works, and much more.

An important addition to Danto studies, *A Companion to Arthur C. Danto* is essential reading for practitioners, scholars, and advanced students looking for a critical, provocative, and insightful treatment of Danto's philosophy, art, and criticism.

SERIES: BLACKWELL COMPANIONS TO PHILOSOPHY

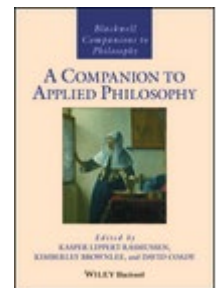
MARCH 2022 UnknownPP
978-1-119-15421-1 CL \$185.00 (Japan)
Philosophy of Art

A Companion to Applied Philosophy

EDITOR KASPER LIPPERT-RASMUSSEN, EDITOR KIMBERLEY BROWNLEE & EDITOR DAVID COADY

University of Tasmania

Applied philosophy has been a growing area of research for the last 40 years. Until now, however, almost all of this research has been centered around the field of ethics. *A Companion to Applied Philosophy* breaks new ground, demonstrating that all areas of philosophy, including epistemology, metaphysics, philosophy of science, and philosophy of mind, can be applied, and are relevant to questions of everyday life.



This perennial topic in philosophy provides an overview of these various applied philosophy developments, highlighting similarities and differences between various areas of applied philosophy, and examining the very nature of this topic. It is an area to which many of the towering figures in the history of philosophy have contributed, and this timely *Companion* demonstrates how various historical contributions are actually contributions within applied philosophy, even if they are not traditionally seen as such.

The *Companion* contains 42 essays covering major areas of philosophy; the articles themselves are all original contributions to the literature and represent the state of the art on this topic, as well as offering a map to the current debates.

SERIES: BLACKWELL COMPANIONS TO PHILOSOPHY

MARCH 2022 600PP
978-1-119-28726-1 PB \$54.95 (Japan)
9781118869130 CL \$54.95 (Japan) Published, NOV 2016
Applied Philosophy

政治学

Getting China Wrong

AARON L. FRIEDBERG

Norton

READERSHIP: General current affairs readers and students of comparative politics, international relations, American Foreign policy and security studies.

MARCH 2022 224PP
978-1-5095-4512-4 CL \$29.95 (Japan)
Global Politics

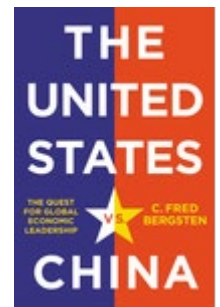
The United States vs. China

The Quest for Global Economic Leadership

C. FRED BERGSTEN

READERSHIP: General readers interested in current affairs as well as students of politics, international relations, economics, Chinese & East Asian studies.

MARCH 2022 320PP
978-1-5095-4735-7 CL \$29.95 (Japan)
Global Politics



心理学

Normal Now

Individualism as Conformity

MARK G. E. KELLY

READERSHIP: Advanced undergraduate and above in philosophy, politics and international relations, comparative literature, gender studies, sociology.

MARCH 2022 184PP
978-1-5095-5094-4 CL \$64.95 (Japan)
978-1-5095-5095-1 PB \$22.95 (Japan)
Political Philosophy & Theory



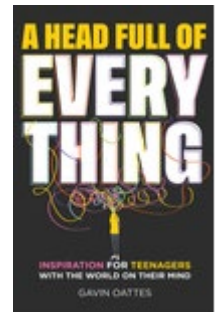
A Head Full of Everything

Inspiration for Teenagers With the World on Their Mind

GAVIN OATTES

Member, District of Columbia Bar

"It's the best years of your life!" they tell us. And yet, while it should be, for so many it just doesn't feel like it. For most it's an emotional assault course of acceptance, stress, anxiety, heartbreak and peer pressure, all whilst navigating the hashtagony of social media. Often misunderstood by society and misrepresented by the media, teenagers have it tough. Truth is, they are decent human beings with a head full of dreams and the weight of the world on their shoulders.



Bestselling author, award-winning comedian and international keynote speaker, Gavin Oattes has written a personal development title for teens with a difference -- there's no waffle, no dad chat, no fluff and teenagers will actually want to read it! Full of hilarious, real-life inspiration and a few crazy ideas along the way, ***A Head Full of Everything*** will leave its readers motivated, energised and reassured that nobody has life all figured out.

A Head Full of Everything demonstrates that being a teenager doesn't have to suck. And when it does, there's some cool things you can do to make it suck a little less. Gavin Oattes challenges his young readers to embrace their inner weird, never grow up, be true to themselves, protect their mental health and be sure that for their 7 glorious teenage years, they act their age. Literally.

Warning: This book is a little bit like a teenager. It finds itself funny, it's a bit rough around the edges, it's full of great (maybe crazy) ideas and occasionally it's a little inappropriate. Oh, and it isn't normal...but then neither are you.

MARCH 2022 272PP
978-0-85708-901-4 PB \$16.99 (Japan)
Adolescence

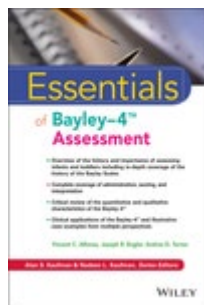
Essentials of Bayley-4 Assessment

VINCENT C. ALFONSO, JOSEPH R. ENGLER & ANDREA D. TURNER

Fordham University, New York, New York

Administer and apply the Bayley-4 Scales of Infant and Toddler Development with confidence

In *Essentials of Bayley 4 Assessment*, a distinguished team of authors delivers state-of-the-art guidelines for the application of the new Bayley 4 test of infant and toddler development. The resource offers a comprehensive guide to administering, scoring, interpreting, and applying the test.



The resource provides key updates made since the publication of the previous version of the test, such as:

- Updated administration and scoring guidance, content updates, new norms and clinical studies, and shortened administration time
- Instruction on a Digital Delivery Option of the Bayley 4 (i.e., Q-interactive)
- New illustrative case studies and examples of Bayley 4 reports.

Written for developmental practitioners, school and clinical psychologists, pediatricians, pediatric neuropsychologists, speech-language pathologists, occupational therapists, and physical therapists, *Essentials of Bayley 4* is also an indispensable resource for university professors and students in training in assessment related fields.

SERIES: ESSENTIALS OF PSYCHOLOGICAL ASSESSMENT

MARCH 2022 256PP
978-1-119-69601-8 PB \$52.00 (Japan)
EDUCATIONAL & SCHOOL PSYCHOLOGY

The Wiley Handbook on What Works with Girls and Women in Conflict with the Law

A Critical Review of Theory, Practice, and Policy

EDITOR SHELLEY L. BROWN, CANADA, EDITOR LORRAINE GELSTHORPE, SERIES EDITOR LEAM A. CRAIG & SERIES EDITOR LOUISE DIXON

Correctional Service of Canada, Ottawa; University of Cambridge, UK; Forensic Psychology Practice Ltd, UK ; University of Birmingham, UK

The most practical discussion of the rehabilitation of girls and women in conflict with the law in the correctional arena

What Works with Girls and Women in Conflict with the Law is the leading examination of evidence-based practice in the field of gender-responsive corrections. Adopting an international and intersectional approach, the distinguished authors seek to collect the best available data and thinking on what works with girls and women and apply it to the real-world problems facing correctional systems today. As part of its contextual and rich approach to the subject, *What Works with girls and women in conflict with the law*, covers a broad variety of topics, ranging from theories of female involvement in crime, security classification and risk assessment, evidence-based treatment and supervision approaches, special populations (such as Indigenous women), to legal/policy developments in the field of gender-responsive corrections.

Perfect for students and practitioners in the field of psychology, criminology, social work, social justice, and corrections, this is the only reference of its kind to focus on the practical applications of the latest theory.

SERIES: WILEY SERIES IN OFFENDER REHABILITATION

MARCH 2022 480PP
978-1-119-88641-9 CL \$175.00 (Japan)
Forensic Psychology

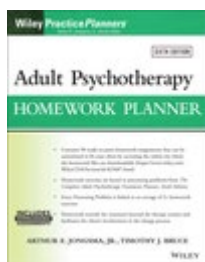
Adult Psychotherapy Homework Planner

6th Edition

ARTHUR E. JONGSMA JR., GRAND RAPIDS & TIMOTHY J. BRUCE,
PEORIA

Psychological Consultants, Grand Rapids, Michigan;
University of Illinois College of Medicine in Peoria, Illinois.

The newly updated Sixth Edition of the *Adult Psychotherapy Homework Planner* offers practitioners a wide variety of ready-to-use assignments for adult clients in almost every therapeutic mode. Designed to be used with the *Complete Adult Psychotherapy Treatment Planner, Sixth Edition*, this planner saves time and energy otherwise spent studying, finding, or writing custom assignments for each client.



The book is organized as a quick reference, with assignments grouped by behavioral problems like depression, anxiety, eating disorders, and more. It includes expert guidance on how and when to make the most productive use of the exercises and is extensively cross-referenced to the corresponding treatment planner.

This powerful resource includes:

- 92 ready-to-copy, customizable homework assignments that facilitate adult therapy
- Cross-references for each homework assignment to presenting problems from the *Complete Adult Psychotherapy Treatment Planner, Sixth Edition*
- New downloadable assignments from a supplementary online portal
- New homework assignments for opioid-related disorders and clients experiencing loneliness

Perfect for psychologists, therapists, counselors, social workers, and psychiatrists, the latest edition of the *Adult Psychotherapy Homework Planner* is an indispensable resource for any mental health professional who works with adult clients.

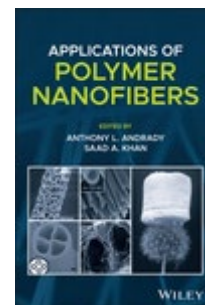
SERIES: PRACTICEPLANNERS

MARCH 2022 400PP
978-1-119-84084-8 PB \$62.50 (Japan)
PSYCHOTHERAPY & COUNSELING

Applications of Polymer Nanofibers

EDITOR ANTHONY L. ANDRADY & EDITOR SAAD A. KHAN

Explore a comprehensive review of the practical experimental and technological details of polymer nanofibers with a leading new resource



Applications of Polymer Nanofibers delivers a complete introduction to the basic science of polymer nanofibers as well as a review of their diverse applications. The book assesses their potential for commercialization and presents contributions from leading experts emphasizing their practical and technological details. New and up to date research findings are presented throughout the book in areas including filters, fabric, energy, fuel cells, batteries, sensors, biomedicine, drug delivery, tissue engineering, and wound dressings.

The book also presents a fulsome analysis of the technology of electrospinning, the most convenient and scalable technique for nanofiber production. It also provides readers with practical information on relevant surface modification techniques. *Applications of Polymer Nanofibers* effectively balances theoretical background with practical applications of the technology, including insights into polymer nanofiber materials that will be useful for advanced students and researchers. Students, researchers, and industry professionals will also enjoy the inclusion of:

Perfect for researchers and graduate students studying polymer science and engineering, chemical engineering, materials science, and nanotechnology, *Applications of Polymer Nanofibers* will also earn a place in the libraries of industrial researchers concerned with electrospinning, air filtration, fabrics, drug delivery, catalysis, and biomedicine.

MARCH 2022 464PP
978-1-119-26768-3 CL \$195.00 (Japan)
Polymer Science & Technology General

宗教

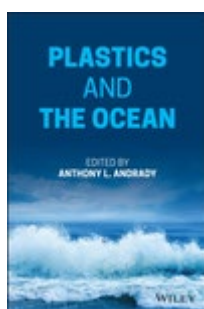
Plastics and the Ocean

EDITOR ANTHONY L. ANDRADY

Research Triangle Institute, Research Triangle Park, North Carolina, USA

An insightful and multidisciplinary exploration of plastic pollutants in ocean environments

In *Plastics and the Ocean*, renowned researcher Anthony L. Andrady delivers a comprehensive and up-to-date treatment of the sources, characterization, and environmental impacts of plastics in the ocean. The book focuses on micro-scale and nanoscale plastics and the human impacts of these that reach consumers via seafood. It also addresses the human behavioral aspects of the problem via discussions of the mismanagement of urban litter.



A diverse collection of expert perspectives guides the reader through this multi-disciplinary subject area. Beginning with an overview of the field, the book goes on to explore the importance of this area of research to other disciplines and to the everyday lives of consumers.

Plastics and the Ocean is an indispensable resource for professionals, researchers, instructors, and graduate students in plastics and polymer science and engineering. It's also a must-read text for chemical engineers, materials scientists, and environmental engineers seeking a one-stop resource that describes the origins, occurrence, composition, environmental fate, and biological impacts of plastic pollutants in an ocean environment.

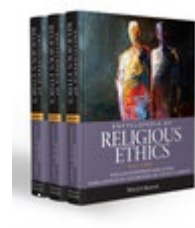
MARCH 2022 UnknownPP
978-1-119-76840-1 CL \$160.00 (Japan)
Polymer Science & Technology General

Encyclopedia of Religious Ethics

EDITOR WILLIAM SCHWEIKER, EDITOR MARIA ANTONACCIO,
EDITOR ELIZABETH BUCAR & EDITOR DAVID A. CLAIMONT

University of Chicago; Bucknell University, USA; Northeastern University, USA; University of Notre Dame, USA

Encompassing three comprehensive volumes, the *Encyclopedia of Religious Ethics* introduces fundamental issues in moral inquiry, explores the world's major moral traditions, and surveys specific moral issues across a wide range of human experiences. This landmark work defines the meaning, task, and various forms of religious ethics to guide readers through critical inquiry of religious and moral life across historical periods, geography, and cultural traditions. The Encyclopedia features contributions by an extraordinary panel of ethicists, historians, theologians, philosophers, political theorists, and other experts that draw from and revise religious sources to explore basic themes in moral theory and address contemporary ethical and political problems.



Each volume is devoted to a particular element of religious ethics. *Volume I* - Moral Inquiry helps readers understand diverse religious and moral traditions, the social practices and institutions used for their transmission, and the methods and approaches used for their comparison. *Volume II* -- Moral Tradition describes the established historical traditions of Judaism, Christianity, Islam, Buddhism, Indian religions, Chinese religions, African religions, and religions of the Americas. *Volume III* -- Moral Issues provides the conceptual resources for understanding the structures, conditions, and challenges of a wide range of moral issues that religious ethicists have engaged, and for appreciating the contributions of different scholars in the field.

Dedicated to understanding and addressing moral challenges and possibilities in our global times, the *Encyclopedia of Religious Ethics* is an indispensable resource for anyone interested in the relation between religion and ethics in the modern world, including those involved in general and comparative religious studies, religious and comparative ethics, and moral theory.

MARCH 2022 1488PP
978-1-118-47198-2 CL \$580.00 (Japan)
Religious Ethics

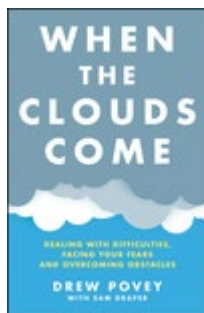
セルフヘルプ

When the Clouds Come

Dealing with Difficulties, Facing Your Fears and Overcoming Obstacles

DREW POVEY & WITH SAM DRAPER

Drew Povey coins the phrase 'When the Clouds Come' during his numerous coaching engagements and speeches, the likes of which have positively impacted people worldwide. It is the best analogy for representing the process of working through significant and earth-shattering challenges that we are facing presently, as it is not a case of 'if' the clouds will come, but 'when' the clouds come -- what we can do.



When the Clouds Come will give the world tried and tested methods that will help when life wants to knock you to your knees. Never before have we lived in a time of more disarray, confusion, uncertainty and challenges. This is exactly the right time for this unique book to make reader's lives and challenges more manageable.

This practical and motivational new book is full of Povey's personal models that have successfully coached a range of different sectors, including elite sports teams, businesses, the NHS, the police, and educators. In a time when people need as much support as they can get, this book will serve as an essential life manual for now and for years to come.

MARCH 2022 240PP
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Motivational

社会学

What is Sexual Capital?

DANA KAPLAN & EVA ILLOUZ

The Hebrew University of Jerusalem

READERSHIP: Students and scholars in sociology, gender studies and cultural studies; general readers.



MARCH 2022 140PP
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978-1-5095-5232-0 PB \$12.95 (Japan)
Social Theory

統計学

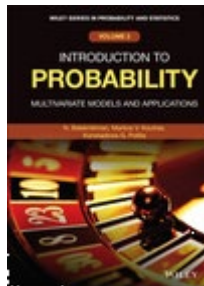
Introduction to Probability

Multivariate Models and Applications

NARAYANASWAMY BALAKRISHNAN, HAMILTON, ONTARIO, CANADA, MARKOS V. KOUTRAS & KONSTADINOS G. POLITIS

McMaster University, Hamilton, Canada; University of Piraeus, Greece; University of Piraeus, Greece

In *Introduction to Probability: Multivariate Models and Applications*, a team of distinguished researchers delivers a comprehensive exploration of the concepts, methods, and results in multivariate distributions and models. Intended for use in a second course in probability, the material is largely self-contained, with some knowledge of basic probability theory and univariate distributions as the only prerequisite.



This textbook is intended as the sequel to *Introduction to Probability: Models and Applications*. Each chapter begins with a brief historical account of some of the pioneers in probability who made significant contributions to the field. It goes on to describe and explain a critical concept or method in multivariate models and closes with two collections of exercises designed to test basic and advanced understanding of the theory.

A wide range of topics are covered, including joint distributions for two or more random variables, independence of two or more variables, transformations of variables, covariance and correlation, a presentation of the most important multivariate distributions, generating functions and limit theorems.

Perfect for students majoring in statistics, engineering, business, psychology, operations research and mathematics taking a second course in probability, *Introduction to Probability: Multivariate Models and Applications* is also an indispensable resource for anyone who is required to use multivariate distributions to model the uncertainty associated with random phenomena.

SERIES: WILEY SERIES IN PROBABILITY AND STATISTICS

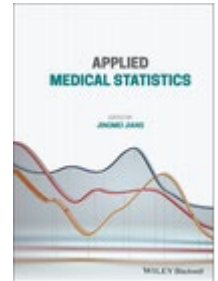
MARCH 2022 544PP
978-1-118-12333-1 CL \$129.95 (Japan)
Applied Probability & Statistics

Applied Medical Statistics

EDITOR JINGMEI JIANG

Chinese Academy of Medical Sciences (CAMS); School of Basic Medicine of Peking Union Medical College (PUMC)

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.

Readers will also benefit from the inclusion of:

- A thorough introduction to basic concepts in statistics, including foundational terms and definitions, location and spread of data distributions, population parameters estimation, and statistical hypothesis tests
- Explorations of commonly used statistical methods, including t-tests, analysis of variance, and linear regression
- Discussions of advanced analysis topics, including multiple linear regression and correlation, logistic regression, and survival analysis
- Substantive exercises and case discussions at the end of each chapter

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.

MARCH 2022 640PP
978-1-119-71670-9 CL \$135.00 (Japan)
Medical Statistics & Epidemiology

Microsoft Power BI For Dummies

JACK A. HYMAN, DUNWOODY, UNITED STATES

Reveal the insights behind your company's data with Microsoft Power BI

Microsoft Power BI allows intuitive access to data that can power intelligent business decisions and insightful strategies. The question is, do you have the Power BI skills to make your organization's numbers spill their secrets?



In *Microsoft Power BI For Dummies*, expert lecturer, consultant, and author Jack Hyman delivers a start-to-finish guide to applying the Power BI platform to your own firm's data. You'll discover how to start exploring your data sources, build data models, visualize your results, and create compelling reports that motivate decisive action.

- Tackle the basics of Microsoft Power BI and, when you're done with that, move on to advanced functions like accessing data with DAX and app integrations
- Guide your organization's direction and decisions with rock-solid conclusions based on real-world data
- Impress your bosses and confidently lead your direct reports with exciting insights drawn from Power BI's useful visualization tools

It's one thing for your company to have data at its disposal. It's another thing entirely to know what to do with it. *Microsoft Power BI For Dummies* is the straightforward blueprint you need to apply one of the most powerful business intelligence tools on the market to your firm's existing data.

MARCH 2022 UnknownPP
978-1-119-82487-9 PB \$34.99 (Japan)
Data Analysis

Register-based Statistics

Registers and the National Statistical System

3rd Edition

ANDERS WALLGREN & BRITT WALLGREN

Statistics Sweden, Sweden

Rediscover this authoritative guide to register-based statistics filled with significant new improvements

In the newly revised Third Edition of *Register-based Statistics: Registers and the National Statistical System*, Anders Wallgren and Britt Wallgren deliver a robust exploration of how register-based statistics can be used to its fullest potential. The authors describe how statistical institutes can work on long-term projects to improve administrative systems, as well as estimation methods that can improve the quality of statistical estimates based on registers with quality problems. Readers will also discover how to improve the ways register-statistical issues are introduced, as well as how to create population registers.

Finally, the authors draw on their experience from teaching and consulting in several countries to explain how to implement register-based statistics.

Key features of the third edition:

- Discusses the problems new register countries face
- Explains how registers will improve the efficiency of the national statistical system
- Clarifies the importance of the system approach
- Describes how a statistical population register can be created
- Registers-based statistics require new skills and understanding of new concepts
- Many important quality indicators are described
- Explains difficult topics in a pedagogic way

Perfect for staff at national statistical institutes and administrative and ministerial authorities belonging to national statistical systems, *Register-based Statistics* will also prove to be an indispensable resource for undergraduate and graduate students in statistics programs and courses, as well as survey researchers and practitioners.

SERIES: WILEY SERIES IN SURVEY METHODOLOGY

MARCH 2022 264PP
978-1-119-63237-5 CL \$135.00 (Japan)
SURVEY RESEARCH METHODS & SAMPLING

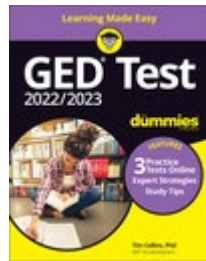
テストプレップ

GED Test 2022 / 2023 For Dummies with Online Practice

TIM COLLINS, WASHINGTON, UNITED STATES

Everything you need to succeed on the GED Test, plus a bonus mobile app for on-the-go study and practice!

Prepare to do your best on the GED Test! Get the review and practice materials you need to take -- and slay -- the exam with confidence. *GED Test 2022/2023 For Dummies with Online Practice* provides an in-depth overview and deep content review for all test sections. You'll be able to answer GED practice questions for each subject area, plus you'll have access to two complete practice exams in the book and in the companion mobile app!



Get ready to succeed on test day and get on your way to achieving your goals with this GED study guide that shares test-taking strategies for all the subjects covered on the exam. You'll find clear information for hands-on learning. *GED Test 2022/2023 For Dummies with Online Practice* supports you in meeting your goals. This easy-to-use guide can help you get a higher score and earn your GED.

- Improve grammar and punctuation skills
- Get comfortable with the types of reading passages on the test
- Gain confidence in solving math and science problems
- Study for Mathematical Reasoning, Social Studies, Science, and Reasoning Through Language Arts questions

The book also connects you to the *GED Test 2022/2023 For Dummies with Online Practice* mobile app with two practice tests. Whether you're using the app or the book, you'll have GED practice for passing the four subject exams, which cover Math, Language Arts, Science, and Social Studies.

MARCH 2022 480PP
978-1-119-67723-9 PB \$26.99 (Japan)
TEST PREP GENERAL

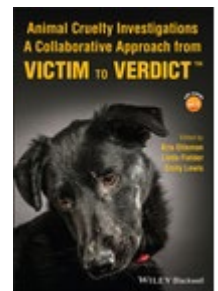
獣医学

Animal Cruelty Investigations

A Collaborative Approach from Victim to Verdict

KRIS K. OTTEMAN BRANT, LINDA FIELDER & EMILY LEWIS

Animal Cruelty Investigations: A Collaborative Approach from Victim to Verdict provides a framework for the experts who respond to animal cruelty cases: veterinarians, law enforcement agencies, animal care and control organizations, and prosecutors.



This book is a practical guide which provides insight and direction for every phase of an animal cruelty investigation. The step-by-step guidance on responding to particular issues and challenges related to animal cruelty cases is bolstered by the extensive library of checklists, form templates, specific case protocols, and lists of available resources.

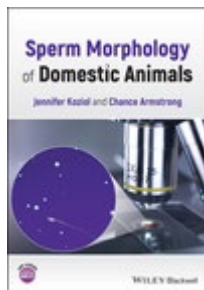
This book is a must-have reference and guide for veterinarians, technicians, law enforcement officers, prosecutors, and all those involved in the protection of animals' health and wellbeing. The successful investigation of animal crimes relies on each of these disciplines, not only carrying out their professional duties, but having a collective understanding of what each other needs in order to meet that expectation.

MARCH 2022 UnknownPP
978-1-119-76488-5 PB \$99.99 (Japan)
General & Introductory Veterinary Medicine

Sperm Morphology of Domestic Animals

JENNIFER KOZIOL & CHANCE ARMSTRONG

Sperm Morphology of Domestic Animals is a concise, clinically-oriented resource for discovering any impairment to fertility caused by sperm anomalies in domesticated animals. As a bench-side reference, the book examines common sperm defects, their causes, and their prognosis for fertility.



An easy-to-use reference, it is organized according to the placement of the deformity in the sperm to increase the speed of consultation, and to help with diagnosing fertility issues. Focusing particularly on the bull, stud horse, boar, ram, buck, and dog, it contains hundreds of high-quality color images accompanied by brief descriptions for additional diagnostic help. Readers will find:

- An easy-to-use reference work that is suitable for use next to the microscope
- Organization according to location of abnormality
- Hundreds of high-quality color images for easy comparison
- Brief descriptions accompanying each photo, for additional diagnostic help

An ideal resource for veterinarians, andrologists, and veterinary students, *Sperm Morphology of Domestic Animals* fills a gap in current reproductive medicine resources with detailed information that is easy to consult.

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978-1-119-76976-7 CL \$134.99 (Japan)
General & Introductory Veterinary Medicine

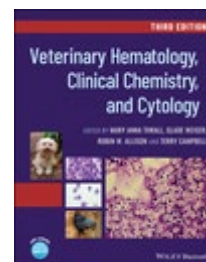
Veterinary Hematology, Clinical Chemistry, and Cytology

3rd Edition

EDITOR MARY ANNA THRALL, EDITOR GLADE WEISER, EDITOR ROBIN W. ALLISON & EDITOR TERRY W. CAMPBELL

Colorado State University, Fort Collins, CO;
Diagnostics/Clinical Pathologist, Heska Corporation; Fort Collins, CO; Oklahoma State University, Stillwater, OK;
Colorado State University; Fort Collins, CO

The newly revised Third Edition of *Veterinary Hematology, Clinical Chemistry, and Cytology* delivers a thorough and focused exploration of the basic principles of veterinary lab testing and diagnosis, as well as the cytology, hematology, and chemistry of common domestic and non-domestic species. The book offers readers an expanded wealth of clinical case presentations, providing case data and narrative discussions designed to promote skill development.



The book is packed with information useful to veterinary students, technicians, pathologists, and researchers, and includes access to a companion website that offers clinical cases and the figures from the book in PowerPoint. Heavily and clearly illustrated, with a strong practical emphasis, this latest edition includes a brand-new section on veterinary cytology and a chapter on laboratory diagnosis of infectious diseases as well as updated information throughout that keeps pace with the rapidly developing field of clinical pathology.

Veterinary Hematology, Clinical Chemistry, and Cytology is a one-stop reference on veterinary laboratory diagnostic techniques and interpretation ideally suited for veterinary students, veterinary technicians, general practitioners, and specialists.

MARCH 2022 UnknownPP
978-1-119-28640-0 CL \$99.99 (Japan)
VETERINARY CLINICAL PATHOLOGY & LABORATORY MEDICINE

Feline Dentistry

2nd Edition

JAN BELLOWS

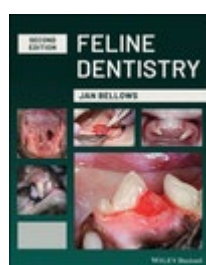
American Veterinary Dental College and American Board of Veterinary Practitioners, Fellow Academy of Veterinary Dentistry, All Pets Dental Clinic, Weston, Florida.

The Second Edition of *Feline Dentistry* delivers a comprehensive exploration of the specific considerations required to provide dental care to cats that emphasizes their unique needs.

The updated Second Edition includes brand-new material and approximately 300 new images illustrating diseases, conditions, and procedures discussed within the book. The new edition combines the pathology and treatment information to provide additional context which helps make it more clinically relevant. The book also offers:

- A thorough introduction to feline oral assessment, including anatomy, oral examinations, radiology, and charting
- Comprehensive explorations of dental pathology and treatment in cats, including necessary equipment and materials and anesthesia and pain control
- Practical discussions of dental pathology prevention in felines, including plaque and tartar control

Perfect for veterinary general practitioners and veterinary students, *Feline Dentistry Second Edition* will also be useful to veterinary technicians seeking a one-stop, visual resource on feline-specific dentistry.



MARCH 2022 432PP
978-1-119-56801-8 CL \$149.99 (Japan)
VETERINARY DENTISTRY

Surgery of Exotic Animals

EDITOR R. AVERY BENNETT & EDITOR GEOFF W. PYE

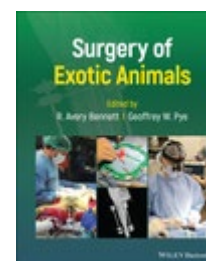
Louisiana State University, School of Veterinary Medicine in Baton Rouge, LA, USA; Disney's Animal Kingdom in Orlando, FL, USA

The first book to provide veterinarians with in-depth guidance on exotic animal surgical principles and techniques

As the popularity of exotic animals continues to grow, it is becoming increasingly important for veterinarians to be knowledgeable and skilled in common surgical procedures for a wide range of exotic species. Written for practitioners and board-certified surgeons with a working knowledge of domestic animal surgery, *Surgery of Exotic Animals* is the first clinical manual to provide comprehensive guidance on surgical principles and common procedures in exotic pets, zoo animals, and wildlife.

Edited by internationally recognized leaders in exotic animal surgery and zoological medicine, this much-needed volume covers invertebrates, fish, amphibians, reptiles, birds, and both terrestrial and marine mammals. Contributions from a team of surgery and zoo specialists offer detailed descriptions of common surgeries and provide a wealth of color images demonstrating how each procedure is performed—including regional anatomy and surgical approaches.

Surgery of Exotic Animals is an indispensable clinical guide and reference for all private veterinary practitioners; exotic, zoo, and wildlife veterinarians; laboratory animal veterinarians; veterinary students; and veterinary technicians.



MARCH 2022 480PP
978-1-119-13958-4 CL \$149.99 (Japan)
Veterinary Medicine / Exotic Pets

Farm Animal Anesthesia

Cattle, Small Ruminants, Camelids, and Pigs

2nd Edition

EDITOR HUICHU LIN, EDITOR THOMAS PASSLER & EDITOR
STUART CLARK-PRICE

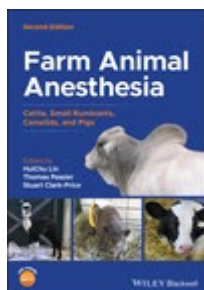
Auburn University, Auburn, Alabama, USA

A completely revised and updated reference for farm animal anesthesia, sedation, and pain management

In the newly revised Second Edition of *Farm Animal Anesthesia: Cattle, Small Ruminants, Camelids, and Pigs*, distinguished veterinarians Drs. HuiChu Lin and Paul Walz deliver a practical and easy-to-use manual for techniques associated with anesthesia and pain management in farm animal species. The authors incorporate advances in surgical and diagnostic techniques, with the latest drugs and equipment, updated images, and new technique descriptions added throughout the book.

Reflecting their newfound popularity, *Farm Animal Anesthesia* offers additional and updated information on drug combinations and anesthetic techniques relevant to small ruminants and potbellied pigs. New chapters and topics on paralytic drugs for complete muscle relaxation, ventilators for advanced orthopedic and ophthalmological surgeries, updated local and regional anesthetic techniques, and comprehensive standing surgery and diagnostic procedures have been added.

Perfect for farm animal practitioners, veterinary surgeons, veterinary anesthetists, and researchers, *Farm Animal Anesthesia* is also an indispensable resource for veterinary students and residents in surgery and anesthesia seeking a one-stop, practical reference to farm animal anesthesia.



MARCH 2022 UnknownPP
978-1-119-67254-8 CL \$174.99 (Japan)
VETERINARY MEDICINE - FARM ANIMALS

Invertebrate Medicine

3rd Edition

EDITOR GREGORY A. LEWBART

North Carolina State University

Presented in full color for the first time, *Invertebrate Medicine* is the definitive resource on husbandry and veterinary medicine in invertebrate species. Presenting authoritative information applicable to both in-human care and wild invertebrates, this comprehensive volume addresses the medical care and clinical condition of most important invertebrate species--providing biological data for sponges, jellyfish, anemones, snails, sea hares, corals, cuttlefish, squid, octopuses, clams, oysters, crabs, crayfish, lobsters, shrimp, hermit crabs, spiders, scorpions, horseshoe crabs, honey bees, butterflies, beetles, sea stars, sea urchins, sea cucumbers, various worms, and many other invertebrate groups.



The extensively revised third edition contains new information and knowledge throughout, offering timely coverage of significant advances in invertebrate anesthesia, analgesia, diagnostic imaging, surgery, and welfare. New and updated chapters incorporate recent publications on species including crustaceans, jellyfishes, corals, honeybees, and a state-of-the-science formulary. In this edition, the authors also discuss a range of topics relevant to invertebrate caretaking including conservation, laws and regulations, euthanasia, diagnostic techniques, and sample handling.

The standard reference text in the field, *Invertebrate Medicine, Third Edition* is essential reading for practicing veterinarians, veterinary students, advanced hobbyists, aquarists and aquaculturists, and professional animal caretakers in zoo animal, exotic animal, and laboratory animal medicine.

MARCH 2022 UnknownPP
978-1-119-56943-5 CL \$249.99 (Japan)
VETERINARY MEDICINE - ZOO & WILDLIFE

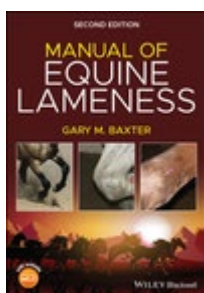
Manual of Equine Lameness

2nd Edition

GARY M. BAXTER

Colorado State University, Fort Collins, Colorado

The revised Second Edition of *Manual of Equine Lameness* offers a concise and accessible manual of lameness diagnosis and treatment in horses. Perfect for use as a quick reference, this book provides straightforward access to the essentials of equine lameness, including the clinical assessment of the horse and commonly performed diagnostic nerve blocks and the most common conditions of the foot, forelimb, and hindlimb that may be contributing to the lameness. Current therapeutic options to treat lameness are also discussed, as well as guidance on how to manage musculoskeletal emergencies. The content has been distilled from the authoritative Seventh Edition of *Adams and Stashak's Lameness in Horses*, and this new edition has been re-envisioned to be even quicker and easier to navigate than the previous version.



Color photographs and illustrations support the text, which presents lameness information most relevant to equine general practitioners, mixed animal practitioners, and veterinary students. A companion website offers videos that focus on the clinical examination of the horse and select diagnostic blocks and relevant anatomy. Diagnostic and treatment material has been revised from the previous edition to include the most up-to-date information.

Ideal for veterinary students, early career equine practitioners, and mixed animal veterinarians, the Second Edition of *Manual of Equine Lameness* is an indispensable reference for any veterinarian seeking a concise one-stop reference for equine lameness.

MARCH 2022 UnknownPP
978-1-119-74707-9 PB \$95.75 (Japan)
VETERINARY MEDICINE - EQUINE

Practical Equine Dermatology

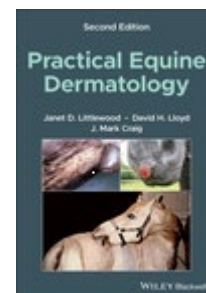
2nd Edition

JANET D. LITTLEWOOD, DAVID H. LLOYD & J. MARK CRAIG LITTLEWOOD

Animal Health Trust, UK; Royal Veterinary College

A practical and comprehensive reference for equine dermatology cases

The newly revised Second Edition of *Practical Equine Dermatology* delivers a thorough exploration of common dermatological conditions affecting horses whilst also drawing attention to rarer conditions.



The book offers detailed advice on treatments and products currently available on the veterinary market in a problem-oriented layout that provides a practical approach to quick and efficient diagnosis. Clinical presentations, diagnostic features, and disorder management for each described condition are presented in an easy-to-digest bullet-point format supported by concise references and recommendations for further reading.

An ideal quick reference for veterinary practitioners on the key points of equine skin conditions, this new edition also includes:

- A thorough introduction to the diagnostic approach, including taking an accurate history, the clinical examination, and diagnostic tests.
- Comprehensive exploration of pruritus, including contagious conditions, such as ectoparasites and helminth infestation, and non-contagious conditions, such as insect attack and atopic dermatitis.
- Practical discussion of crusting and scaling, including primary seborrhoea and infectious causes, such as superficial fungal infections and environmental factors.
- In-depth examination of ulcers and erosions, nodules and swellings, coat problems, and pigmentary disorders.

Perfect for any practising veterinarian seeing equine cases in first opinion practice, *Practical Equine Dermatology* will also be of use to veterinary students with an interest in equine veterinary medicine.

MARCH 2022 224PP
978-1-119-76548-6 PB \$95.00 (Japan)
VETERINARY MEDICINE - EQUINE

Veterinary Technician and Nurse's Daily Reference Guide

Canine and Feline, 4th Edition

EDITOR MANDY FULTS & EDITOR KENICHIRO YAGI

Adobe Animal Hospital, Los Altos, California, USA.

Veterinary Technician and Nurse's Daily Reference Guide: Canine and Feline provides rapid access to the information veterinary technicians need in clinical practice. With an easy-to-use tabular format, the book covers diagnostic and patient care skills, diseases and conditions, preventive care, anatomy, anesthesia, and all other major areas of veterinary technician education and training. Chapters written by experienced veterinary specialists integrate charts, tables, and concise explanatory text to enable quick and efficient retrieval of information.

Focusing on practical skills and knowledge, the fourth edition features extensively revised material incorporating the latest developments, evidence-based guidelines, and best practices in veterinary medicine. Brand-new chapters describe licensure and certifications in veterinary technology and discuss nursing theory and science and its relation to veterinary nursing. Expanded and updated coverage includes novel therapeutics in dermatology, vaccination standards, pain assessment and management, stress-free handling and nursing care strategies, RECOVER CPR guidelines, and more. Equally useful in the classroom and in the clinic, this popular quick-reference guide:

- Provides new and updated content, including coverage of advancements in diagnostic capabilities and of pharmacologic agents used in treatment and management of disease states
- Contains hundreds of clear illustrations and high-quality photographs
- Includes a comprehensive table of contents in each chapter
- Features a companion website with forms and worksheets, self-review questions, vocabulary flashcards, links to online resources, and PowerPoint slides

Veterinary Technician and Nurse's Daily Reference Guide: Canine and Feline, Fourth Edition remains an invaluable resource for both student and practicing veterinary technicians and nurses of all skill and experience levels.

MARCH 2022 UnknownPP
978-1-119-55720-3 PB \$100.95 (Japan)
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