

# JAPAN PREVIEW

January 2021



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WILEY

## JAPAN PREVIEW

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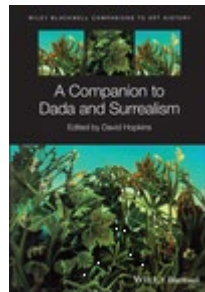
## 芸術

**A Companion to Dada and Surrealism**

EDITOR DAVID HOPKINS &amp; SERIES EDITOR DANA ARNOLD

University of Glasgow; University of Southampton

This excellent overview of new research on Dada and Surrealism blends expert synthesis of the latest scholarship with completely new research, offering historical coverage as well as in-depth discussion of thematic areas ranging from criminality to gender.



- This book provides an excellent overview of new research on Dada and Surrealism from some of the finest established and up-and-coming scholars in the field
- Offers historical coverage as well as in-depth discussion of thematic areas ranging from criminality to gender
- One of the first studies to produce global coverage of the two movements, it also includes a section dealing with the critical and cultural aftermath of Dada and Surrealism in the later twentieth century
- Dada and Surrealism are arguably the most popular areas of modern art, both in the academic and public spheres

SERIES: BLACKWELL COMPANIONS TO ART HISTORY

JANUARY 2021 UnknownPP  
 978-1-119-23822-5 PB \$59.95 (Japan)  
 9781118476185 CL \$202.75 (Japan) Published, May 2016  
 Art History & Theory

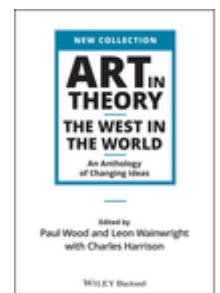
**Art in Theory**

The West in the World - An Anthology of Changing Ideas

EDITOR PAUL WOOD, EDITOR LEON WAINWRIGHT &amp; EDITOR CHARLES HARRISON

Research Associate, Open University; Professor of Art History, Open University

*Art in Theory: The West in the World* is a ground-breaking anthology that comprehensively examines the relationship of Western art to the art and material culture of the wider world. Editors Paul Wood and Leon Wainwright have included over 350 texts, some of which appear in English for the first time. The anthologized texts are presented in eight chronological parts, which are then subdivided into key themes appropriate to each historical era.



The majority of the texts are representations of changing ideas about the cultures of the world by European artists and intellectuals, but increasingly, as the modern period develops, and especially as colonialism is challenged, a variety of dissenting voices begin to claim their space, and a counter narrative to western hegemony develops. Over half the book is devoted to 20<sup>th</sup> and 21<sup>st</sup> century materials, though the book's unique selling point is the way it relates the modern globalization of art to much longer cultural histories.

As well as the anthologized material, *Art in Theory: The West in the World* contains:

- A general introduction discussing the scope of the collection
- Introductory essays to each of the eight parts, outlining the main themes in their historical contexts
- Individual introductions to each text, explaining how they relate to the wider theoretical and political currents of their time

Intended for a wide audience, the book is essential reading for students on courses in art and art history. It will also be useful to specialists in the field of art history and readers with a general interest in the culture and politics of the modern world.

JANUARY 2021 1288PP  
 978-1-4443-3631-3 PB \$54.95 (Japan)  
 Art Theory

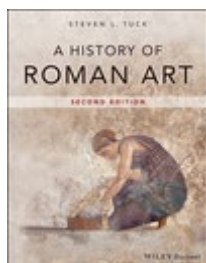
## A History of Roman Art

2nd Edition

STEVEN L. TUCK ; Miami University, Ohio, USA

**The new edition of the leading textbook on Roman art, updated with new images and expanded geographic and cultural scope**

*A History of Roman Art* is an expansive survey of the painting, mosaic, sculpture, decorative arts, and architecture of ancient Rome. This acclaimed textbook provides a fully-illustrated narrative history of Roman art that spans a millennium, from the early origins of Rome to the era of Emperor Constantine. Interwoven throughout the text are themes of Rome's cultural inclusiveness and the importance of art in promoting Roman values, helping students understand how diverse cultures contributed to Roman life. Accessible, chronologically-organized chapters provide numerous examples of the arts, their cultural and historical context, descriptions of artistic techniques, and writings by ancient authors--enabling students to develop a rich appreciation of art's importance in the Roman world.



Now in its second edition, this market-leading textbook features thoroughly revised content throughout. Additional images and excerpts from literary sources are complemented by new historical discussions of metalwork, carved gems, glass, and sarcophagi. This edition features more maps and illustrations, in-depth analysis of iconography, greater emphasis on the types of objects used to decorate the lives of ordinary Romans, expanded coverage of freedmen and women as artists, subjects, and patrons, and much more. A number of works that represent popular art have been added. That is, art in the everyday Roman world, rather than just the large scale works of sculpture and architecture of elite patrons. It also reveals patterns of artistic workshops, trade, and social and economic networks. Additionally, this edition takes into account new approaches in scholarship. *A History of Roman Art, Second Edition* is an ideal primary or secondary text for courses on Roman art and archaeology, Roman art and architecture, Greek and Roman art, and general Roman civilization, history, and culture.

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- Risk management
- ESG and impact investing
- The emergence of new global multilateral development banks
- China's Belt and Road Initiative

*Project Finance* bridges the gap between theoretical infrastructure development, investment, and finance and the implementation of that theory with instructive and applicable case studies. Throughout, the author relies on a grounded and quantitative approach, combining the principles of corporate finance with straightforward explanations of underlying technologies, frameworks, and national policies. This book is an invaluable resource for undergraduate and graduate students in finance, as well as professionals who are expected to deal with project and infrastructure finance in emerging markets.

SERIES: WILEY FINANCE

JANUARY 2021 UnknownPP  
978-1-119-64246-6 CL \$65.00 (Japan)  
Corporate Finance



## Annual Update for Accountants and Auditors: 2020

KURT OESTRIECHER & MARK BEASLEY

Keep abreast of the fast-paced changes in accounting and auditing with relevant pronouncements, exposure drafts, and other guidance recently issued in the accounting, auditing, compilation, preparation, and review arenas. This book will help accountants and financial managers sort through the most recent accounting and auditing complexities so they can identify and apply recently issued FASB, PCAOB, and AICPA standards and guidance. New topics covered include:

- Revenue recognition
- Leases
- Financial instruments
- Intangible assets
- Consolidation
- Business combinations
- Recently issued SAS No. 134--140
- Auditing interpretations
- Recently proposed SSAE standards
- Overview of SSARS guidance

SERIES: AICPA  
JANUARY 2021 UnknownPP  
978-1-119-78461-6 PB \$127.50 (Japan)  
AUDITING

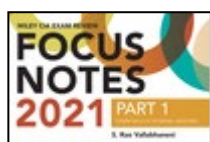
## Wiley CIA Exam Review 2021 Focus Notes, Part 1

Essentials of Internal Auditing

S. RAO VALLABHANENI

SRV Professional Publication

**Get effective and efficient instruction on CIA internal auditing exam competencies in 2021**



*Wiley CIA Exam Review 2021 Focus Notes, Part 1 Essentials of Internal Auditing* provides readers with all current Institute of Internal Auditors (IIA) content requirements. Filled with visual aids like tree diagrams, line drawings, memory devices, tables, charts, and graphic text boxes, the material is accessibly written from a student's perspective and designed to aid in recall and retention. *Wiley CIA Exam Review 2021 Focus Notes, Part 1 Essentials of Internal Auditing* contains all the internal audit elements Certified Internal Auditor test-takers will need to succeed on the internal auditing section of this challenging exam.

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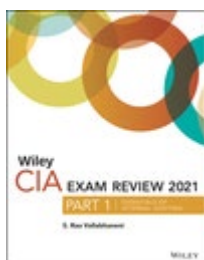
Updated for 2021, the *Wiley CIA Exam Review 2021, Part 1 Essentials of Internal Auditing* offers readers a comprehensive overview of the internal auditing process as set out by the Institute of Internal Auditors. The *Exam Review* covers the six domains tested by the Certified Internal Auditor exam, including:

- The foundations of internal auditing
- Independence and objectivity
- Proficiency and due professional care
- Quality assurance and improvement programs
- Governance, risk management, and control
- Fraud risks

The *Wiley CIA Exam Review 2021, Part 1 Essentials of Internal Auditing* is a perfect resource for candidates preparing for the CIA exam. It provides an accessible and efficient learning experience for students regardless of their current level of proficiency.

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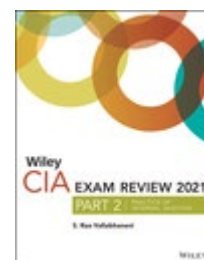
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- Planning the engagement
- Performing the engagement
- Communicating results and monitoring progress

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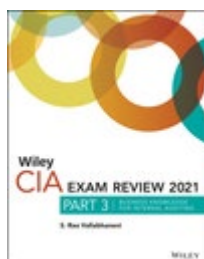
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AUDITING / INTERNAL



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S. RAO VALLABHANENI

SRV Professional Publication

JANUARY 2021 UnknownPP  
978-1-119-76352-9 PB \$375.00 (Japan)  
AUDITING / INTERNAL

## 農業

**The New Yellow Book****Government Auditing Standards**

REBECCA A. MEYER

It is essential all auditors performing Yellow Book audits understand the recently revised concepts and standards of generally accepted government auditing standards (GAGAS). This book provides a baseline of information for accountants to gain an understanding of the new Yellow Book (2018 revision of Government Auditing Standards).

Featuring new guidance related to independence and peer review, this book will increase your knowledge of the requirements and application guidance related to:

- Ethics
- Independence
- Standards for financial audits
- Attestation engagements
- Performance audits

Key topics covered include:

- Foundation and principles for the use and application of generally accepted government auditing standards (GAGAS)
- General requirements for complying with the Yellow Book
- Ethics, independence, and professional judgment
- Competence and continuing professional education
- Quality control and peer review
- Standards for financial audits
- Standards for attestation engagements and reviews of financial statements
- Fieldwork standards for performance audits
- Reporting standards for performance audits

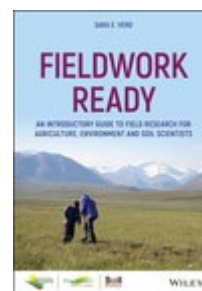
SERIES: AICPA

JANUARY 2021 UnknownPP  
978-1-119-78463-0 PB \$117.50 (Japan)  
Government Accounting

**Fieldwork Ready****An Introductory Guide to Field Research for Agriculture, Environment and Soil Scientists**

SARA VERO

This book is unique in addressing the less-discussed aspects of fieldwork including “soft skills” such as communication, planning and logistics as well as basic technical skills used in environmental research. While training and standard operating procedures are available for the latter category, little support is given to students and early career researchers regarding the former, despite their importance. This book attempts to address this knowledge gap and further, could be used as a support to graduate and undergraduate field courses and modules.



SERIES: ASA, CSSA, AND SSSA BOOKS

JANUARY 2021 UnknownPP  
978-0-89118-375-4 PB \$55.00 (Japan)  
Agriculture & Ecology



## 人類学

**Mesoamerican Archaeology**

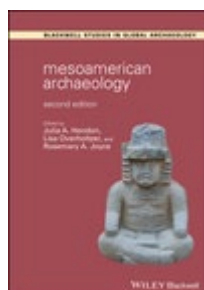
Theory and Practice

2nd Edition

EDITOR JULIA A. HENDON, LISA OVERHOLTZER & EDITOR  
ROSEMARY JOYCE

Gettysburg College; University of California, Berkeley

A unique and wide-ranging introduction to the major prehispanic and colonial societies of Mexico and Central America, featuring new and revised material throughout



Mesoamerican Archaeology: Theory and Practice, Second Edition, provides readers with a diverse and well-balanced view of the archaeology of the indigenous societies of Mexico and Central America, helping students better understand key concepts and engage with contemporary debates and issues within the field. The fully updated second edition incorporates contemporary research that reflects new approaches and trends in Mesoamerican archaeology. New and revised chapters from first-time and returning authors cover the archaeology of Mesoamerican cultural history, from the early Gulf Coast Olmec, to the Classic and Postclassic Maya, to the cultures of Oaxaca.

Mesoamerican Archaeology: Theory and Practice, Second Edition, is ideal for use in undergraduate courses on the archaeology of Mexico and Central America, as well as for broader courses on the archaeology of the Americas.

SERIES: WILEY BLACKWELL STUDIES IN GLOBAL  
ARCHAEOLOGY

JANUARY 2021 UnknownPP  
978-1-119-16088-5 PB \$51.95 (Japan)  
ARCHAEOLOGY OF THE AMERICAS

## 建築学

**Neuroarchitecture**

Designing with the Mind in Mind

IAN RITCHIE

Applying the insights of neuroscience to architecture has the potential to deliver buildings and spaces that measurably promote well-being and create healthier or more effective environments for specific activities. There is, however, a risk that neuroarchitecture will become just another buzzword, a passing architectural fashion or a marketing exercise just as 'eco', 'green' and 'sustainable' have become. This issue of AD offers the reader an alternative to 'neuro' sound-bites and exposes them to the thinking which led to the design of the *Sainsbury Wellcome Centre for Neural Circuits and Behaviour* (SWC), a pioneering medical research facility designed to foster collaboration between researchers. Multi award winning, the SWC was one of the first buildings in the world designed to take into account what has been learned about how the work space affects behaviour and is a highly effective building in which to work. Readers will gain a richer, deeper insight into the complex mental and existential aspects of architecture, design, and our many senses, how they interact and might interact in the future, and how that knowledge can be used to design more effective buildings and built environments.



SERIES: ARCHITECTURAL DESIGN

JANUARY 2021 136PP  
978-1-119-68537-1 PB \$39.95 (Japan)  
ARCHITECTURAL THEORY



## Green Building Illustrated

2nd Edition

FRANCIS D. K. CHING, SEATTLE & IAN M. SHAPIRO

### FULLY ILLUSTRATED, UPDATED GUIDE TO THE STRATEGIC DESIGN OF GREEN BUILDINGS

In the tradition of *Building Construction Illustrated*, Francis D.K. Ching and Ian M. Shapiro offer a fully illustrated guide to the theory and practice of sustainable design. This guide provides architects, designers, and builders in the green design professional community a framework and detailed strategies for designing substantively green buildings. With a focus on sustainable sites, approaching and reaching net-zero energy, low and zero-water usage, minimum-impact materials and superior indoor environmental quality, this guide explains why we need to build green, as well as green building theory and advancements in the industry. This Second Edition includes:

- All-new case studies featuring geographically diverse buildings with proven zero energy performance
- Expanded coverage of zero energy building design, as well as zero water and zero waste buildings
- Practical guidance for the schematic design of high-performance buildings, heating and hot water system selection, building envelope details, and integrating renewable energy
- Advanced strategies, such as the concept of shape efficiency, and the optimal location for stairwells in buildings
- Additional strategies for affordability in green design and construction
- Updated references to the latest codes and standards

This Second Edition of *Green Building Illustrated* is an excellent resource for professionals, students and those interested in the design and construction of sustainable buildings.

JANUARY 2021 336PP  
978-1-119-65396-7 PB \$49.95 (Japan)  
BUILDING DESIGN



## Steel Surfaces

A Guide to Alloys, Finishes, Fabrication and Maintenance in Architecture and Art

L. WILLIAM ZAHNER

A. Zahner Company, Kansas City, MO

### A full-color guide for architects and design professionals to the selection and application of steel

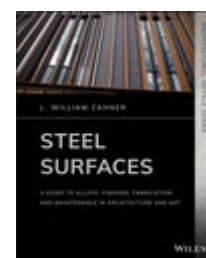
*Steel Surfaces*, fourth in Zahner's *Architectural Metals Series*, provides a comprehensive and authoritative treatment of steel applications in architecture and art. It offers architecture and design professionals the information they need to ensure proper maintenance and fabrication techniques through detailed information and full-color images. It covers everything from the history of the metal and choosing the right alloy, to detailed information on a variety of surface and chemical finishes and corrosion resistance. The book also features case studies that offer strategies for designing and executing successful projects using steel.

*Steel Surfaces* is filled with illustrated case studies that present comprehensive coverage of how steel is used in creating surfaces for building exteriors, interiors, and art finishes. All the books in Zahner's *Architectural Metals Series* offer in-depth coverage of today's most commonly used metals in architecture and art.

Written for architecture professionals, metal fabricators and developers, architecture students, designers, and artists working with metals, *Steel Surfaces* offers a logical framework for the selection and application of steel in all aspects of architecture.

SERIES: ARCHITECTURAL METALS SERIES

JANUARY 2021 400PP  
978-1-119-54162-2 PB \$75.00 (Japan)  
Building Design



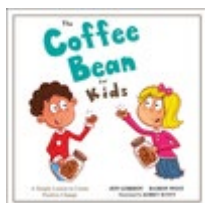
## ビジネス

**The Coffee Bean for Kids**

A Simple Lesson to Create Positive Change

JON GORDON, PONTE VEDRA BEACH, UNITED STATES, DAMON WEST &amp; ILLUSTRATOR KOREY SCOTT

From the bestselling authors of *The Coffee Bean*, inspire and encourage children with this transformative tale of personal strength



*The Coffee Bean for Kids* tells the inspiring story of Gavin, a young boy with the difficult task of starting school in a new town. Gavin's teacher, Mrs. Spring, teaches him the story of the carrot, the egg, and the coffee bean. The environments we find ourselves in, like a pot of boiling, hot water, can change, weaken, or harden us, and test who we truly are. We can be like the carrot that weakens in the pot or like the egg that hardens. Or, we can be like the coffee bean and discover the power inside us to transform our environment. Energized by his teacher's lesson, Gavin embarks on an enlightening journey to transform the world around him.

In *The Coffee Bean for Kids*, authors Jon Gordon and Damon West offer lessons to children to help them:

- Impact the environment around them
- Improve their own outlook
- Become a leader who creates positive change
- Make new friends
- Become a positive influence by sharing smiles, kindness, and positive energy

Perfect for parents, teachers, and children who wish to overcome negativity and challenging situations, *The Coffee Bean for Kids* teaches readers about the potential that each one of us has to lead, influence, and make a positive impact on others and the world.

JANUARY 2021 48PP  
978-1-119-76271-3 CL \$18.00 (Japan)  
Business Self-Help

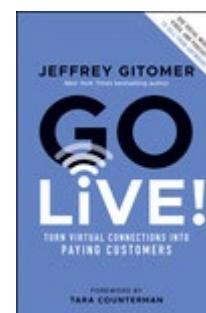
**Go Live!**

Turn Virtual Connections into Paying Customers

JEFFREY GITOMER, CHARLOTTE &amp; FOREWORD BY TARA COUNTERMAN

the modern leader of salesmanship, author of *The Sales Bible*

Learn how to go online with a winning sales and marketing strategy in this insightful resource



*Go Live! Turn Virtual Connections into Paying Customers* helps readers understand and take advantage of several online tools to boost their sales and increase their revenue. Accomplished salesperson, consultant, and online personality Jeffrey Gitomer describes how tools like Facebook Live and podcasting can drive sales and help you connect with your customers. You'll discover:

- How to use tools like YouTube, LinkedIn Live, podcasting, and Facebook Live to connect with and develop your leads
- How to properly utilize social media like Instagram and Twitter to spread your message and sell to clients
- How to promote and repurpose content to create as big an impact on your audience as possible

Written specifically for a post-pandemic sales audience, *Go Live! Turn Virtual Connections into Paying Customers* delivers results for anyone expected to deliver sales results in a virtual environment. It also belongs on the bookshelves of those who hope to take their successful offline sales strategies to the online world.

JANUARY 2021 UnknownPP  
978-1-119-64713-3 CL \$20.00 (Japan)  
Business Self-Help

## Skininformation

### A Clean Science Guide to Beautiful Skin

TERRI VINSON

#### Become an empowered skincare consumer and uncover your best skin

*SkinInformation* is a must-have handbook for the skin-savvy woman who wants to cut through the hype and choose the best for her skin.

Cosmetics companies will tell you anything to convince you to buy their latest skincare lines. Millions of women fall for these marketing campaigns designed to look like science -- potentially to the detriment of their skin (not to mention bank accounts!).

Cosmetic chemist and educator Terri Vinson exposes the misinformation and 'white noise' about miracle products and ingredients, debunks current skin 'mythology' and empowers you to make your own smart skin choices.

If you have an interest in skin health and want to understand the science behind the cosmetics you purchase, this book will take you to the next level of understanding and make you a truly informed consumer. *SkinInformation* is written in an easy to digest manner so you don't need to be a science graduate to understand it. From sunscreen and mineral formulas to skin-friendly nutrition and lifestyle tips, *SkinInformation* covers everything you need to know about your skin. You'll also find special sections on the skin issues that matter most to you.

Terri Vinson covers acne, skin aging, enlarged pores and many other concerns, teaching you the scientific explanations of these phenomena and explaining which skincare products really work -- and why they work. Use this new knowledge to amp up your skincare regime and cut out the products that don't serve you.

For ladies (and gents) who love to learn, this book goes beyond the average beauty and skincare advice guide, diving into skin conditions and concerns in a way that anyone can appreciate and enjoy!

JANUARY 2021 384PP  
978-0-7303-8522-6 PB \$21.99 (Japan)  
Business Self-Help



## Long Life Learning

### Preparing for Jobs that Don't Even Exist Yet

MICHELLE R. WEISE

#### Praise for LONG LIFE LEARNING

"Michelle Weise has a knack for distilling the complexities of education, labor, and policy into an integrated approach to building a more hopeful future of work. Weise skillfully links the individual stories of working-age adults to the underlying patterns of dysfunction in the U.S. labor market. In *Long Life Learning*, Weise shows that the future of work is here, and that we need to act now to construct a learning-to-earning system that works for everyone."

—Byron Auguste, CEO and Cofounder, Opportunity@Work

"A prescient exploration of higher education's coming shift from 'all you can eat in one sitting' to 'what you need when you need it' by one of the most creative and respected thinkers in the field."

—Ryan Craig, author, *A New U: Faster + Cheaper Alternatives to College*

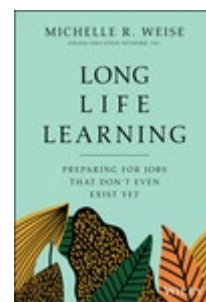
"Michelle makes a brilliant case not just for the necessity of adults investing in learning throughout their lives, but also for the creation of a new system that systematically supports them across their lives as they do so. This book begins to lay out the puzzle pieces of what that new system should look like."

—Michael B. Horn, author, *Choosing College*

"By examining economic trends, innovations in education and hiring, and the lived experiences of working learners, Weise reveals the shortcomings of our fragmented education and workforce systems and challenges us to reimagine the future of learning. Weise demonstrates how and why we must all become working learners, and presents a clear, optimistic vision for a new learning ecosystem in which we can all take part."

—Maria Flynn, President and CEO, Jobs for the Future

JANUARY 2021 UnknownPP  
978-1-119-59748-3 CL \$25.00 (Japan)  
Personal Career Development



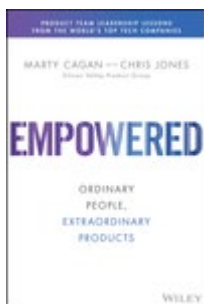
## Empowered

Ordinary People, Extraordinary Products

MARTY CAGAN, UNITED STATES & CHRIS JONES

**What is it about the top tech product companies such as Amazon, Apple, Google, Netflix and Tesla that enables their record of consistent innovation?**

Most people think it's because these companies are somehow able to find and attract a level of talent that makes this innovation possible. But the real advantage these companies have is not so much *who* they hire, but rather *how* they enable their people to work together to solve hard problems and create extraordinary products.



As legendary Silicon Valley coach--and coach to the founders of several of today's leading tech companies--Bill Campbell said, "Leadership is about recognizing that there's a greatness in everyone, and your job is to create an environment where that greatness can emerge."

The goal of *EMPOWERED* is to provide you, as a leader of product management, product design, or engineering, with everything you'll need to create just such an environment.

As partners at The Silicon Valley Product Group, Marty Cagan and Chris Jones have long worked to reveal the best practices of the most consistently innovative companies in the world. A natural companion to the bestseller *INSPIRED*, *EMPOWERED* tackles head-on the reason why most companies fail to truly leverage the potential of their people to innovate: product leadership.

*EMPOWERED* puts decades of lessons learned from the best leaders of the top technology companies in your hand as a guide. It shows you how to become the leader your team and company needs to not only survive but thrive.

SERIES: SILICON VALLEY PRODUCT GROUP

JANUARY 2021 368PP  
978-1-119-69129-7 CL \$30.00 (Japan)  
Business Technology

## Data Science

The Executive Summary - A Technical Book for Non-Technical People

FIELD CADY

This book serves as a resource for people in non-technical roles who want to truly understand the relevant technology by providing an in-depth understanding of analytics concepts. The book begins with the "business side" of the subject: the problems that data scientists solve, how they fit into an organization, and how to hire and manage them. The rest of the book is concerned with technical topics



-- both analytical techniques, and the key technologies used. In each case the author explains the core concepts, why they are useful, and the assumptions or constraints that they entail. Each technical chapter concludes with a "problem set", which are realistic scenarios (or real ones, drawn from the author's experience) where technical knowledge is required to make a business decision. Answers and explanations are provided. This book is a perfect background for executives who make crucial decisions based on analytics, managers who hire data scientists and need to assess their technical work, and salespeople who need to explain what an analytics product does. However, it is also excellent for data scientists themselves. It is very easy to get lost in the weeds of data cleaning or model tuning; this book gives a big-picture view of what these details mean for the real-world applications they ultimately support.

JANUARY 2021 192PP  
978-1-119-54408-1 CL \$75.00 (Japan)  
Business Statistics & Math

## High-Impact Tools for Teams

5 Tools to Align Team Members, Build Trust, and Get Results Fast

STEFANO MASTROGIACOMO & ALEXANDER OSTERWALDER

Take advantage of a powerful visual management tool for teams as you work together and deliver great results. It's been used by thousands of teams for project success!



59% of U.S. workers say that communication is their team's biggest obstacle to success, followed by accountability at 29% (Atlassian). *High-Impact Tools for Teams* explains a simple, powerful tool that helps team leaders and members align and get clarity on exactly who is responsible for each part of the team's most important activities and projects. The tool is complemented by 4 trust add-ons that help teams build trust and increase psychological safety, so every member can be confident in sharing ideas or concerns about obstacles the team may face. It's a proven tool for project teams, based on years of research, and thousands of teams are already using the Team Alignment Map to run effective "get-to-action meetings", give projects a good start and de-silo organizations.

- Co-author Alex Osterwalder is the international best-selling author who co-created the Business Model Canvas, a strategic management tool used by 1 million+ industry leaders globally. Plan as a team and know who does what
- Uncover and proactively remove the most likely obstacles to any project
- Boost team member contributions
- Run more effective team meetings
- Get more successful projects

With the guidance of *High-Impact Tools for Teams*, you can be better prepared as a team leader or team member to plan effectively, reduce risks, and collaborate with others. Your team will be accountable and ready to deliver results!

SERIES: STRATEGYZER

JANUARY 2021 UnknownPP  
978-1-119-60238-5 PB \$35.00 (Japan)  
Strategic Management

## Business Model Shifts

Six Ways to Create New Value For Customers

PATRICK VAN DER PIJL, JUSTIN LOKITZ & ROLAND WIJNEN

Six ways to create new value for customers



Uber and Lyft took over the streets in San Francisco, providing a seamless and frictionless experience to get around.

Few yellow taxis are left to serve tourists. Amazon shifted its business model from selling books to delivering convenience 24/7 at attractive prices. Driven by the viewing behaviors of their users, Netflix shifted from renting and shipping DVDs to producing original content like "Narcos."

All of these changes are business model shifts. A shift is a deliberate and systematic move towards more relevance and value for customers. *Business Model Shifts* is a collection of stories about value creation, sharing inspiration and insights from more than 100 leading business models. The collection of stories is organized in six ways to create new value for customers. The Services Shift: the move from product towards services that get the job done for customers.

Each of the shifts is presented in a visual way, revealing the essence of value creation. This book triggers you to think and act strategically, shows what you can learn from business models inside and outside your industry, and urges you to apply those learnings to make your own shift. Now is the time! Are you ready to shift your business model towards more relevance and value for your customers?

JANUARY 2021 UnknownPP  
978-1-119-52534-9 PB \$35.00 (Japan)  
Management / Leadership

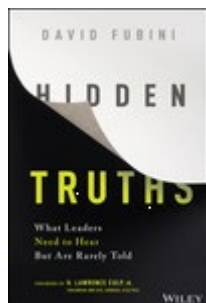


## Hidden Truths

### What Leaders Need to Hear But Are Rarely Told

DAVID FUBINI

*Hidden Truths* is a book about leadership that every existing or future leader must read. It offers insights about C-suite jobs that few employees really understand--insights that can help them help their leaders perform better and prepare themselves to be leaders. When everyone from board members to junior executives are on same page about leadership roles and responsibilities the organization performs at a higher level.



*Hidden Truths* is also an "inside baseball" book. There's an inherent fascination with the position of CEO and other high-level organizational jobs--especially leadership positions at the world's top companies--and this book will satisfy readers' curiosity about what goes on in the minds and offices of CEOs and other leaders at global companies like American Airlines, General Electric, Con Agra, DuPont, Lenovo, Suntory and many others. As a top consultant to leaders at these and other companies, I witnessed business history in the making. I'll share what I saw.

*Hidden Truths* provides practical knowledge that will not only help leaders do their jobs better but assist boards, HR, consultants and others in working effectively with these executives. One of the book's themes is that appearance is not reality. By that Fubini means that much has been written and discussed about the *apparent* roles and responsibilities of CEOs and Managing Directors and other leaders. Courses are taught in MBA and executive development programs that provide a lot of information about the job. Direct reports and teams also observe leaders in action. But it's not until you assume a leadership job that the reality of the position hits home. The reality is that leaders operate in a crucible, one in which emotions run high and interpersonal relationships are at risk. Being in the spotlight, not having nearly enough hours in the day to address key issues, confronting right-versus-right decisions--all of this ratchets up the degree of difficulty. The good news that *Hidden Truths* delivers, however, is that awareness of the critical capabilities and issues that come with the territory--capabilities and issues that often take leaders by surprise--goes a long way toward helping leaders perform at a high level.

JANUARY 2021 256PP  
978-1-119-68233-2 CL \$29.95 (Japan)  
Management / Leadership

## Mindfulness based Strategic Awareness Training

### The Workbook

JUAN HUMBERTO YOUNG

JANUARY 2021 200PP  
978-1-119-76697-1 PB \$19.99 (Japan)  
Management / Leadership

## The Vision Code

How to Create and Execute a Compelling Vision for your Business

OLEG KONOVALOV

**Noted CEOs, academics, and military personnel share their experience as visionary leaders**

*The Vision Code* explores the concept of "vision" and leadership. The book reveals the secrets of building and executing a strong vision within any organization. Oleg Konovalov--an acclaimed global thought leader--draws together in one volume in-depth interviews with nineteen extraordinary global visionaries that represent a variety of industries and organizations. These leaders explain why a vision is needed, how to implement it, how to communicate a vision effectively, and how to live by it with integrity.

As Konovalov explains, vision is a key leadership skill that can be developed as a practical business tool for leading a company today and into the future. The stories of the nineteen leaders reveal how to develop a compelling vision and follow through with the vision in order to inspire an entire workforce. When a leader taps into the power of "vision," he or she creates a more meaningful business experience and ultimately, a better life. This compelling book:

- Offers a guide for making the concept of vision a reality
- Provides the information needed to develop a clear and persuasive vision
- Contains an accessible guide to a much-needed skill
- Includes interviews with Marshall Goldsmith (#1 Leadership Thinker), Martin Lindstrom (#1 Branding Expert), Garry Ridge (Chairman and CEO of WD-40 Company) and many others

Written for leaders at all levels in organizations and industries of any type *The Vision Code* is a must-have book for anyone who wants to develop the skill to become a visionary leader.

JANUARY 2021 256PP  
978-1-119-77591-1 CL \$24.95 (Japan)  
Management / Leadership

## Winning the Talent Shift

Three Steps to Unleashing the New High Performance Workplace

BERTA ALDRICH

**The global marketplace has changed, and companies have found themselves struggling to hire and retain high-performing talent. *Winning the Talent Shift* explains how companies can overcome the three main barriers to their success and unlock the potential in today's new workplace.**



*Winning the Talent Shift: Three Steps to Unleashing the New High Performance Workplace* envisions a world where companies are fully equipped to exceed the challenges posed by the new global marketplace. Celebrated author, consultant, and executive Berta Aldrich argues if companies want to achieve future success, they must redesign their talent strategy using three important steps proven to increase revenues, engage teams and leaders, and set companies on the path to industry leadership.

*Winning the Talent Shift* leverages the latest empirical research, experiences from over 1,000 team members and executives, and leadership classes that have spanned the globe to candidly reveal actionable solutions to what is holding most companies back from high performance.

*Winning the Talent Shift* will show how companies can:

- Retain their high performers who produce 2-500% more than an average employee but are more likely to leave today's organizations
- Select and retain the new, high performing leader. According to Gallup, great leadership is the #1 determinant of company success, but less than 25% of today's leaders are considered great
- Identify and develop women and people of color who can be exceptional leaders. Only 1 in 5 women hold C-suite roles today

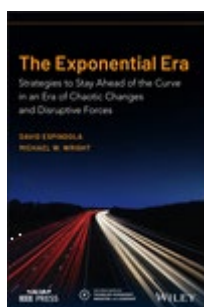
JANUARY 2021 224PP  
978-1-119-76871-5 CL \$29.95 (Japan)  
Management / Leadership

## The Exponential Era

Strategies to Stay Ahead of the Curve in an Era of Chaotic Changes and Disruptive Forces

DAVID ESPINDOLA & MICHAEL W. WRIGHT

This book introduces the concept of an Exponential Era, a time when change within the business world occurs at a rate too steep for business managers to keep track of and react. The book is organized in three sections. In Section I the authors provide context for the realities of the Exponential Era, driven in particular by the growth of computing capacity. The book then describes the confluence of several high-value technology platforms such as Artificial Intelligence, Blockchain, Internet of Things, Biotechnology and others. Section II is about how organizations can deal effectively with the realities of the Exponential Era by following a robust methodology the authors call SPX that challenges the current thinking in strategic planning. Section III discusses the impact of the Exponential Era on humanity, and how the rapid changes we are experiencing challenges our current societal structures, economics, and ethics.



SERIES: IEEE PRESS SERIES ON TECHNOLOGY MANAGEMENT, INNOVATION, AND LEADERSHIP

JANUARY 2021 208PP  
978-1-119-74651-5 PB \$49.95 (Japan)  
Risk, Contingency & Crisis Management

## You CAN Stop Stupid

Stopping Losses from Accidental and Malicious Actions

IRA WINKLER & DR. TRACY CELAYA BROWN

### Stopping Losses from Accidental and Malicious Actions

Around the world, users cost organizations billions of dollars due to simple errors and malicious actions. They believe that there is some deficiency in the users. In response, organizations believe that they have to improve their awareness efforts and making more secure users. This is like saying that coalmines should get healthier canaries. The reality is that it takes a multilayered approach that acknowledges that users will inevitably make mistakes or have malicious intent, and the failure is in not planning for that. It takes a holistic approach to assessing risk combined with technical defenses and countermeasures layered with a security culture and continuous improvement. Only with this kind of defense in depth can organizations hope to prevent the worst of the cybersecurity breaches and other user-initiated losses.



Using lessons from tested and proven disciplines like military kill-chain analysis, counterterrorism analysis, industrial safety programs, and more, Ira Winkler and Dr. Tracy Celaya's *You CAN Stop Stupid* provides a methodology to analyze potential losses and determine appropriate countermeasures to implement.

- Minimize business losses associated with user failings
- Proactively plan to prevent and mitigate data breaches
- Optimize your security spending
- Cost justify your security and loss reduction efforts
- Improve your organization's culture

Business technology and security professionals will benefit from the information provided by these two well-known and influential cybersecurity speakers and experts.

JANUARY 2021 304PP  
978-1-119-62198-0 PB \$35.00 (Japan)  
Quality Management



## Becoming a Master Manager

A Competing Values Approach

7th Edition

ROBERT E. QUINN, ANN ARBOR, LYNDA S. ST. CLAIR, SUE R. FAERMAN, MICHAEL P. THOMPSON & MICHAEL R. MCGRATH

University of Michigan; Bryant University; SUNY at Albany; Brigham Young University; Charles Schwab & Co., Inc.

Integrating theory and empirical evidence, *Becoming a Master* helps students and future managers master the dynamics and intricacies of the modern business environment. The text's unique "competing values framework" provides a deep and holistic understanding of what is required to effectively manage any type of organization. Readers learn to develop and apply critical managerial skills that encourage change, promote adaptability, build stability, maintain continuity, strengthen commitment and cohesion, and yield positive organizational results.



The seventh edition features new and revised content throughout, offering students a comprehensive and up-to-date presentation of critical management competencies and their underlying theoretical value intentions and real-life application. Throughout the text, classroom-tested exercises enable students to assess, analyze, practice, and apply the material while gaining insight into the paradoxes and contradictions that make the practice of management so complex.

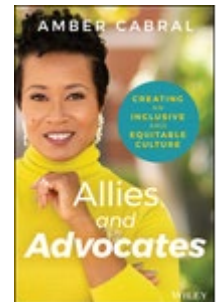
JANUARY 2021 UnknownPP  
978-1-119-71096-7 PB \$78.99 (Japan)  
TRAINING & DEVELOPMENT

## Allies and Advocates

Creating an Inclusive and Equitable Culture

AMBER CABRAL

*Allies and Advocates: Creating an Inclusive and Equitable Culture* is about inclusion in everyday business life. Inclusion and diversity are topics that touch everything we do. For us to move away from the age of racial discrimination and injustice, we need everyone involved and everyone to know how they should show up to support BIPOC at work and beyond.



This book provides straightforward information and action items to make any workplace more inclusive. A lot of books are not simple enough and they don't use accessible examples. *Allies and Advocates* simplifies complex topics, gives real-world examples, and provides tactics to help everyone see their own role in creating an inclusive work environment.

JANUARY 2021 UnknownPP  
978-1-119-77293-4 CL \$22.00 (Japan)  
Business & Society

## Buying and Selling a Home For Canadians For Dummies

5th Edition

DOUGLAS GRAY, VANCOUVER, BC, CANADA & PETER MITHAM

Buying and selling a home are the biggest financial transactions most people will ever tackle. Well, help has arrived. This revised edition of *Buying and Selling a Home For Canadians For Dummies* prepares you to get what you need and want when buying a new home or selling the one you're in. Everything from arranging your finances and hiring an agent, to inspecting prospective homes and assessing home values, to making or fielding offers is presented in a clear and humorous way to help you get the most out of the process.



### Updates in the 5th Edition:

- is more easily navigable by the reader
- reflects changes in the lending and regulatory environment
- updates the text to reflect changes in technology and sources of information
- maintains the emphasis on condos, a growing housing segment in Canada
- pays attention to the growing use of mortgage helpers and ancillary sources of financing and revenue to help homeowners afford their homes

JANUARY 2021 456PP  
978-1-119-71591-7 PB \$29.99 (Japan)  
PROPERTY & REAL ESTATE

## Property Investment Appraisal

4th Edition

ANDREW E. BAUM, NEIL CROSBY & STEVEN DEVANEY

Professor of Land Management, University of Reading;  
Managing Director, Oxford Property Consultants, Reading;  
Professor of Real Estate, Department of Real Estate & Planning, University of Reading

The new edition remains a major critical work, outlining the limitations of property investment appraisal and valuation whilst still providing readers with enough practical application to help them undertake appraisals. The authors explain the process of property investment appraisal -- estimating both the most likely selling price (market value) and the worth of property investments to individual or groups of investors (investment value). In a style that makes the theory as well as the practice of valuation accessible to students and practitioners, the authors provide a valuable critique of conventional valuation methods and argue for the adoption of more contemporary cash-flow methods.

With many cases, problems and solutions presented throughout the book, and a companion website used for deeper analysis and slides presentations (see below), this is a key text for higher-level real estate students on BSc, MSc, MPhil and MBA courses worldwide as well as for practising property professionals worldwide in fund management, investment and asset management, banking and real estate advisory firms.

JANUARY 2021 334PP  
978-1-118-39955-2 PB \$75.00 (Japan)  
PROPERTY & REAL ESTATE

## チルドレン

**The Dogfish Head Book**

25 Years of Off-Centered Adventures

SAM CALAGIONE, LEWES, MARIAH CALAGIONE &amp; ANDREW C. GREELEY

**Celebrate the 25th anniversary of the Dogfish Head Craft Brewery with this rich, adventurous history**

*The Dogfish Head Book: 25 Years of Off-Centered Adventures* celebrates a quarter-century in business for the Dogfish Head Craft Brewery. Over the past 25 years, the Dogfish Head founders have learned timeless lessons about working and living. This book shares their hard-earned insights and helps readers navigate life's adventures.



Through its colorful design and photos, *The Dogfish Head Book* brings the brewing business to life. Inside, you'll find wisdom and entertainment in the form of memorabilia, photos, and the Dogfish Head Rules of Thumb. Food and beer lovers, entrepreneurs, and business professionals alike will enjoy this unique book, which also makes a perfect gift for any Dogfish Head fan or craft beer enthusiast.

Since its start in 1995, Dogfish Head has grown exponentially to become one of the most celebrated craft breweries in the United States. This book lets you tour the history of the iconic brand without leaving home.

- Recounts the rich history of the Dogfish Head Brewery and Distillery
- Explores the founders' unique and successful business philosophy
- Reveals new details about the future of this fast-growing brewery
- Celebrates the 25th anniversary of Dogfish Head

Paired nicely with any Dogfish Head beer, *The Dogfish Head Book: 25 Years of Off-Centered Adventures* is a living guide to business and life--the Dogfish way!

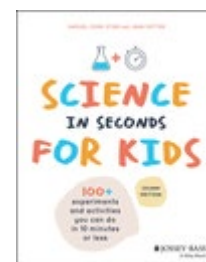
JANUARY 2021 UnknownPP  
978-1-119-64957-1 CL \$35.00 (Japan)  
Business & Management Special Topics

**Science in Seconds for Kids**

Over 100 Experiments You Can Do in Ten Minutes or Less, 2nd Edition

SAMUEL CORD STIER &amp; JEAN POTTER

Do you want to learn to make lightening in a room, keep paper dry under water, and see colors that aren't there? Experience the magic of science with these quick, easy experiments and activities. You can complete each activity in just ten minutes or less, and the clear step-by-step instructions and illustrations help you get it right every time. You will find most of the required materials already in your home!



With illustrations, full-color pages, concise material lists, and easy-to-understand instructions, the second edition of *Science in Seconds* makes learning fun and practical. The activities will cover several different subject areas, including air, animals, colors, gravity, energy, light, machines, the human body, magnetism, and weather. Before you know it, kids will be making rainbows on the floor, popping balloons with magnifying glasses, and bending water from the faucet.

JANUARY 2021 UnknownPP  
978-1-119-68547-0 PB \$17.99 (Japan)  
CHILDREN'S SCIENCE

## 土木工学

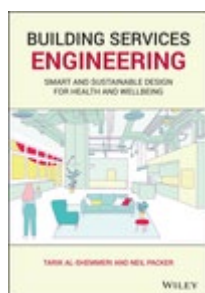
**Building Services Engineering**

Smart and Sustainable Design for Health and Wellbeing

TARIK AL-SHEMMERI & NEIL PACKER

University of Staffordshire, UK

Building Services Engineering: Smart and Sustainable Design for Health and Wellbeing covers the design practices of existing engineering building services and how these traditional methods integrate with newer, smarter developments. These new developments include areas such as smart ventilation, smart glazing systems, smart batteries, smart lighting, smart soundproofing, smart sensors and meters. Combined, these all amount to a healthier lifestyle for the people living within these indoor climates. With over one hundred fully worked examples and tutorial questions, Building Services Engineering: Smart and Sustainable Design for Health and Wellbeing encourages the reader to consider sustainable alternatives within their buildings in order to create a healthier environment for users.



JANUARY 2021 450PP  
978-1-119-72285-4 CL \$130.00 (Japan)  
Structural & Building Engineering

**Design of Composite Structures**

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

EDITOR ECCS - EUROPEAN CONVENTION FOR  
CONSTRUCTIONAL STEELWORK

Bru

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

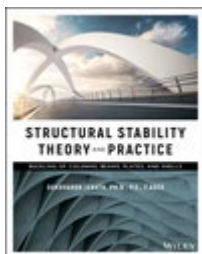
JANUARY 2021 350PP  
978-3-433-03008-0 PB \$75.00 (Japan)  
Steel Construction & Bridge Engineering

## Structural Stability Theory and Practice

Buckling of Columns, Beams, Plates, and Shells

SUKHVARSH JERATH

Existing structural stability titles are overcomplicated with an overabundance of math, do not cover structures like plates and shells, and are outdated with respect to today's professional practice. While the math cannot be avoided, this book provides patiently developed mathematical derivations and thorough explanations to support comprehension of this difficult subject. This book makes connections between theory, design specifications, and solutions. *Structural Stability Theory and Practice: Buckling of Columns, Beams, Plates, and Shells* is primarily a textbook for senior undergraduates and graduate students in courses on Structural Stability or Buckling of Structures. Practicing professionals in Civil, Mechanical, and Aerospace Engineering will find it useful as a reference because each chapter has practical solved examples that connects theory and design specifications. Unlike the classic texts in this area, this book is written using US and SI units, making it suitable for students and practitioners globally. Instructors will have access to a complete solutions manual for the unsolved problems at the end of each chapter.

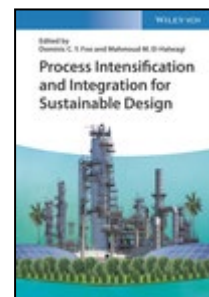


JANUARY 2021 624PP  
978-1-119-69452-6 CL \$130.00 (Japan)  
Structural Theory & Structural Mechanics

## Process Intensification and Integration for Sustainable Design

DOMINIC C. Y. FOO & MAHMOUD M. EL-HALWAGI

The book discusses developments in process intensification and integration with a focus on increased sustainability. Drawing from fundamental techniques and recent industrial experiences, the overarching topics of this book are Sustainable Manufacturing, Energy Saving Technologies and Resource Conservation and Pollution Prevention Techniques.



JANUARY 2021 352PP  
978-3-527-34547-2 CL \$190.00 (Japan)  
Process Intensification & Integration

## 化学

## Explosion Vented Equipment System Protection Guide

ROBERT C. COMER

This book provides complete step by step instruction, practical examples, guidance, and worksheets to meet the needs of a company licensed or competent unlicensed engineer that, by education or experience, understands the concepts presented in this book. This book will help engineers ensure that their company is in compliance with the new standard of dust collection systems by mitigating the exposed risks. The data is presented in tables and graphs along with examples that are based on actual, proven, practical designs to clearly illustrate application of the information provided. The book is broken down into two parts. Part 1 details structural analysis and design for reinforcing dust handling systems including Design criteria and general theory, Dust collector wall, roof and hopper sections, Access doors, hinges and latches, explosion vent ducts, blast deflectors, and filter bag cage design, Explosion vent duct weather covers, etc. Part 2 covers explosion relief elements and explosion flowing pressure analyses.



JANUARY 2021 224PP  
978-1-119-64003-5 CL \$135.00 (Japan)  
Process Safety

## Foundations of Chemistry

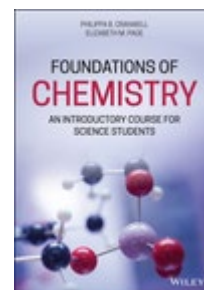
An Introductory Course for Science Students

ELIZABETH PAGE & PHILIPPA B. CRANWELL

**A foundation-level guide to chemistry for physical, life sciences and engineering students**

*Foundations of Chemistry: An Introductory Course for Science Students* fills a gap in the literature to provide a basic chemistry text aimed at physical, life sciences and engineering students. The authors, noted experts on the topic, offer concise explanations of chemistry theory and the principles that are typically reviewed in most one year foundation chemistry courses and first year degree-level chemistry courses for non-chemists. The authors also include illustrative examples and information on the most recent applications in the field. *Foundations of Chemistry* is an important text that:

- Covers the essential topics in a one-year chemistry course
- Draws on recent applications and examples
- Offers a much-needed guide to chemistry for science students.



Written for physical science, life sciences and engineering students as well as international students, *Foundations of Chemistry* reviews the theory and principles that are covered in many basic chemistry courses.

JANUARY 2021 576PP  
978-1-119-51387-2 PB \$60.00 (Japan)  
Preparatory / Introductory Chemistry

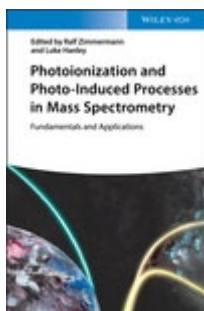
## Photoionization and Photo-Induced Processes in Mass Spectrometry

Fundamentals and Applications

EDITOR RALF ZIMMERMANN & EDITOR LUKE HANLEY

Provides comprehensive coverage of laser-induced ionization processes for mass spectrometry analysis

Drawing on the expertise of the leading academic and industrial research groups involved in the development of photoionization methods for mass spectrometry, this reference for analytical scientists covers both the theory and current applications of photo-induced ionization processes. It places widely used techniques such as MALDI side by side with more specialist approaches such as REMPI and RIMS, and discusses leading edge developments in ultrashort laser pulse desorption, to give readers a complete picture of the state of the technology.



Photoionization and Photo-Induced Processes in Mass Spectrometry: Fundamentals and Applications starts with a complete overview of the fundamentals of the technique, covering the basics of the gas phase ionization as well as those of laser desorption and ablation, pulse photoionization, and single particle ionization. Numerous application examples from different analytical fields are described that showcase the power and the wide scope of photo ionization in mass spectrometry.

Photoionization and Photo-Induced Processes in Mass Spectrometry: Fundamentals and Applications is an excellent book for spectroscopists, analytical chemists, photochemists, physical chemists, and laser specialists.

JANUARY 2021 448PP  
978-3-527-33510-7 CL \$205.00 (Japan)  
Mass Spectrometry

## Atlas of Images and Spectra for Electron Microscopists

EDITOR URSEL BANGERT

The University of Manchester

SERIES: RMS - ROYAL MICROSCOPICAL SOCIETY

JANUARY 2021 376PP  
978-1-119-99178-6 CL \$195.00 (Japan)  
Microscopy



## Environmental Chemistry

### A Comprehensive Approach

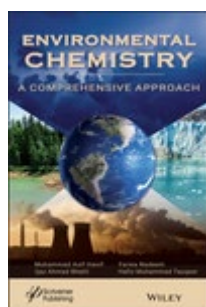
MUHAMMAD A. HANIF, FARWA NADEEM, IJAZ AHMAD  
BHATTI & HAFIZ MUHAMMAD TAUQEER

This book is a very comprehensive project designed to provide complete information about environmental chemistry, including air, water, soil and all life forms on earth. The complete chemical composition and all the essential components of the atmosphere, hydrosphere, geosphere, lithosphere and biosphere are discussed in detail. Numerous forms of pollutants and their toxic effects along with sustainable solutions are provided.

Not just covering the basics of environmental chemistry, the authors discuss many specific areas and issues, and they provide practical solutions. The problems of non-renewable energy processes and the merits of renewable energy processes along with future fuels are discussed in detail, making this volume a comprehensive collaboration of many other relevant fields which tries to fill the knowledge gap of all previously available books on the market. It also thoroughly covers all environment-related issues, internationally recognized standard values, and the socioeconomic impacts on society for the short and long term.

A valuable reference for engineers, scientists, chemists, and students, this volume is applicable to many different fields, across many different industries, at all levels. It is a must-have for any library.

JANUARY 2021 688PP  
978-1-119-65091-1 CL \$249.00 (Japan)  
Environmental Chemistry



## Water-Quality Engineering in Natural Systems

### Fate and Transport Processes in the Water Environment, 3rd Edition

DAVID A. CHIN

University of Miami, Coral Gables, Florida

This textbook describes in detail the fundamental equations that govern the fate and transport of contaminants in the environment, and covers the application of these equations to engineering design and environmental impact analysis relating to contaminant discharges into rivers, lakes, wetlands, groundwater, and oceans. The third edition provides numerous end-of-chapter problems and an expanded solutions manual. Also introduced in this edition are PowerPoint slides for all chapters so that instructors have a ready-made course.

Key distinguishing features of this book include: detailed coverage of the science behind water-quality regulations, state-of-the-art methods for calculating total maximum daily loads (TMDLs) for the remediation of impaired waters, modeling and control of nutrient levels in lakes and reservoirs, design of constructed treatment wetlands, design of groundwater remediation systems, design of ocean outfalls, control of oil spills in the ocean, and the design of systems to control the quality of surface runoff from watersheds into their receiving waters. In addition, the entire book is updated to provide the latest advances in the field of water-quality control. For example, concepts such as mixing zones are expanded to include physical nature and regulatory importance of mixing zones, practical aspects of outfall and diffuser design are also included, specific details of water-quality modeling are updated to reflect the latest developments on this topic, and new findings relating to priority and emerging pollutants are added.



JANUARY 2021 464PP  
978-1-119-53202-6 CL \$160.00 (Japan)  
WATER CHEMISTRY



## Advances in Biopolymers for Biomedical and Biotechnological Applications

BERND H. A. REHM & M. FATA MORADALI

Massey University, Palmerston, New Zealand

This book highlights the technical and methodological advancements in introducing biopolymers, their study and promoted applications. Organized in four parts, the book provides initially a general overview over biopolymers, properties and biocompatibility and continues with dedicated parts on “Biopolymers through Bioengineering and Biotechnology Venues”, “Polymeric Biomaterials with wide applications” and “Biopolymers for Specific Applications”.



SERIES: ADVANCED BIOTECHNOLOGY

JANUARY 2021 368PP  
978-3-527-34530-4 CL \$205.00 (Japan)  
Biotechnology (Chemistry)

## Handbook of Fuels

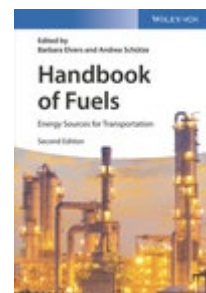
Energy Sources for Transportation, 2nd Edition

EDITOR BARBARA ELVERS

Hamburg

### A guide to industrially relevant products and processes for transportation fuels

The *Handbook of Fuels* offers a comprehensive review of the wide variety of fuels used to power vehicles, aircraft and ships and examines the processes to produce these fuels. The updated second edition reflects the growing importance of fuels and fuel additives from renewable sources. New chapters include information on current production technology and use of bioethanol, biomethanol and biomass-to-liquid fuels. The book also reviews novel additives and performance enhancers for conventional engines and fuels for novel hybrid engines.



This comprehensive resource contains critical information on the legal, safety, and environmental issues associated with the production and use of fuels as well as reviewing important secondary aspects of the use and production of fuels. This authoritative guide includes contributions from authors who are long-standing contributors to the *Ullmann's Encyclopedia*, the world's most trusted reference for industrial chemistry.

Written for professionals in the fields of fossil and renewable fuels, engine design, and transportation, *Handbook of Fuels* is the comprehensive resource that has been revised to reflect the recent developments in fuels used for transportation.

JANUARY 2021 576PP  
978-3-527-33385-1 CL \$176.17 (Japan)  
PETROCHEMISTRY / FUEL

## Handbook of Radiopharmaceuticals

Methodology and Applications, 2nd Edition

EDITOR MICHAEL R. KILBOURN & EDITOR PETER J. H. SCOTT

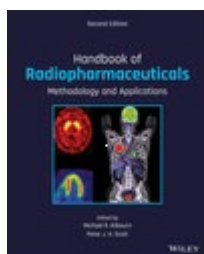
**The thoroughly updated new edition of the authoritative reference in Radiopharmaceutical Sciences**

The second edition of *Handbook of Radiopharmaceuticals* is a comprehensive review of the field, presenting up-to-date coverage of central topics such as radionuclide production, synthetic methodology, radiopharmaceutical development and regulations, and a wide range of practical applications. A valuable reference work for those new to the Radiopharmaceutical Sciences and experienced professionals alike, this volume explores the latest concepts and issues involving both targeted diagnostic and therapeutic radiopharmaceuticals. Contributions from a team of experts from across sub-disciplines provide readers with an immersive examination of radiochemistry, nuclear medicine, molecular imaging, and more.

Since the first edition of the *Handbook* was published, Nuclear Medicine and Radiopharmaceutical Sciences have undergone major changes. New radiopharmaceuticals for diagnosis and therapy have been approved by the FDA, the number of clinical PET and SPECT scans have increased significantly, and advances in Artificial Intelligence have dramatically improved research techniques. This fully revised edition reflects the current state of the field and features substantially updated and expanded content. New chapters cover topics including current Good Manufacturing Practice (cGMP), regulatory oversight, novel approaches to quality control—ensuring that readers are informed of the exciting developments of recent years.

Edited by recognized experts in radiochemistry and PET imaging, *Handbook of Radiopharmaceuticals: Radiochemistry and Applications, 2<sup>nd</sup> Edition* is an indispensable reference for post-doctoral fellows, research scientists, and professionals in the pharmaceutical industry, and for academics, graduate students, and newcomers in the field of radiopharmaceuticals.

JANUARY 2021 768PP  
978-1-119-50054-4 CL \$325.00 (Japan)  
Pharmaceutical & Medicinal Chemistry



## New Drug Development for Known and Emerging Viruses

EDITOR HELGA R&Uuml;BSAMEN-SCHAEFF, EDITOR HELMUT BUSCHMANN, SERIES EDITOR RAIMUND MANNHOLD & SERIES EDITOR J&Ouml;RG HOLENZ

Aachen, Germany; University of Dusseldorf, Ge

Discusses the entire field of antiviral drug discovery and development from a medicinal chemistry perspective, focusing on antiviral drugs, targets and viral disease mechanisms. Includes an outlook on emerging pathogens such as Ebola, West Nile, Lassa and Norovirus.

SERIES: METHODS AND PRINCIPLES IN MEDICINAL CHEMISTRY

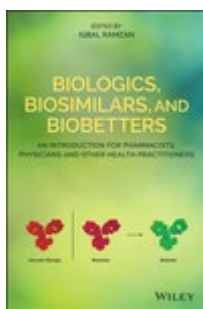
JANUARY 2021 448PP  
978-3-527-34337-9 CL \$215.00 (Japan)  
Drug Discovery & Development

## Biologics, Biosimilars, and Biobetters

An Introduction for Pharmacists, Physicians and Other Health Practitioners

EDITOR IQBAL RAMZAN

A comprehensive primer and reference, this book provides pharmacists and health practitioners the relevant science and policy concepts behind biologics, biosimilars, and biobetters from a practical and clinical perspective.



- Explains what pharmacists need to discuss the equivalence, efficacy, safety, and risks of biosimilars with physicians, health practitioners, and patients about
- Guides regulators on pragmatic approaches to dealing with these drugs in the context of rapidly evolving scientific and clinical evidence
- Balances scientific information on complex drugs with practical information, such as a checklist for pharmacists

JANUARY 2021 336PP  
978-1-119-56465-2 PB \$150.00 (Japan)  
Biopharmaceuticals & Pharmaceutical Biotechnology

## Methodologies in Amine Synthesis

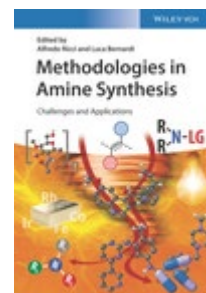
Challenges and Applications

EDITOR ALFREDO RICCI & EDITOR LUCA BERNARDI

Universita di Bologna, Italy

This unique book summarizes state-of-the-art synthetic methodologies for the efficient preparation of amines as well as their application in pharmaceutical chemistry and materials science.

JANUARY 2021 470PP  
978-3-527-34739-1 CL \$170.16 (Japan)  
Organic Chemistry

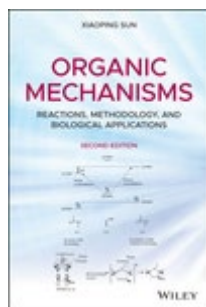


## Organic Mechanisms

Reactions, Methodology, and Biological Applications, 2nd Edition

XIAOPING SUN

This book helps readers move from fundamental organic chemistry principles to a deeper understanding of reaction mechanisms. It directly relates sophisticated mechanistic theories to synthetic and biological applications and is a practical, student-friendly textbook.



Presents material in a student-friendly way by beginning each chapter with a brief review of basic organic chemistry, followed by in-depth discussion of certain mechanisms. Includes end-of-chapter questions in the book and offers an online solutions manual along with PowerPoint lecture slides for adopting instructors. Adds more examples of biological applications appealing to the fundamental organic mechanisms.

- Presents material in a student-friendly way by beginning each chapter with a brief review of basic organic chemistry, followed by in-depth discussion of certain mechanisms
- Includes end-of-chapter questions in the book and offers an online solutions manual along with PowerPoint lecture slides for adopting instructors
- Adds more examples of biological applications appealing to the fundamental organic mechanisms

JANUARY 2021 512PP  
978-1-119-61882-9 CL \$120.00 (Japan)  
ORGANIC CHEMISTRY

## Electrochemical Systems

4th Edition

JOHN NEWMAN & NITASH P. BALSARA

University of California, Berkley

**Provides a comprehensive understanding of a wide range of systems and topics in electrochemistry**



This book offers complete coverage of electrochemical theories as they pertain to the understanding of electrochemical systems. It describes the foundations of thermodynamics, chemical kinetics, and transport phenomena—including the electrical potential and charged species. It also shows how to apply electrochemical principles to systems analysis and mathematical modeling. Using these tools, the reader will be able to model mathematically any system of interest and realize quantitative descriptions of the processes involved.

This brand new edition of *Electrochemical Systems* updates all chapters while adding content on lithium battery electrolyte characterization and polymer electrolytes. It also includes a new chapter on impedance spectroscopy. Presented in 4 sections, the book covers: Thermodynamics of Electrochemical Cells, Electrode Kinetics and Other Interfacial Phenomena, Transport Processes in Electrolytic Solutions, and Current Distribution and Mass Transfer in Electrochemical Systems. It also features three appendixes containing information on: Partial Molar Volumes, Vectors and Tensors, and Numerical Solution of Coupled, Ordinary Differential Equations.

*Electrochemical Systems, Fourth Edition* is an excellent resource for students, scientists, and researchers involved in electrochemical engineering.

SERIES: THE ECS SERIES OF TEXTS AND MONOGRAPHS

JANUARY 2021 704PP  
978-1-119-51460-2 CL \$175.00 (Japan)  
ELECTROCHEMISTRY

## Long-lived Proteins in Human Aging and Disease

EDITOR ROGER TRUSCOTT

This comprehensive overview on an emerging topic in the molecular life sciences covers all aspects of the aging of (long-lived) proteins and their role in age-related diseases and in determining human lifespan.

JANUARY 2021 216PP  
978-3-527-34728-5 CL \$165.00 (Japan)  
Biochemistry (Chemical Biology)

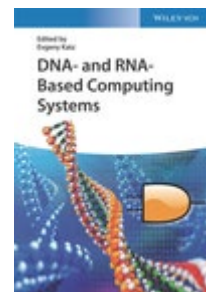
## DNA- and RNA-Based Computing Systems

EDITOR EVGENY KATZ

Clarkson University, Potsdam, N.Y., USA

An authoritative overview of DNA- and RNA-based biocomputing systems that ties together advances in computer science, biotechnology, materials science and nanotechnology.

JANUARY 2021 450PP  
978-3-527-34720-9 CL \$203.34 (Japan)  
Biomolecules (DNA, RNA, Peptides, etc.)



## コンピューティング

## Exposed

How Revealing Your Data and Eliminating Privacy Increases Trust and Liberates Humanity

BEN MALISOW

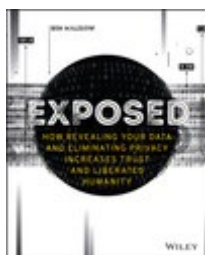
**Discover why privacy is a counterproductive, if not obsolete, concept in this startling new book**

It's only a matter of time-- the modern notion of privacy is quickly evaporating because of technological advancement and social engagement. Whether we like it or not, all our actions and communications are going to be revealed for everyone to see. *Exposed: How Revealing Your Data and Eliminating Privacy Increases Trust and Liberates Humanity* takes a controversial and insightful look at the concept of privacy and persuasively argues that preparing for a post-private future is better than exacerbating the painful transition by attempting to delay the inevitable. Security expert and author Ben Malisow systematically dismantles common notions of privacy and explains how:

- Most arguments in favor of increased privacy are wrong
- Privacy in our personal lives leaves us more susceptible to being bullied or blackmailed
- Governmental and military privacy leads to an imbalance of power between citizen and state
- Military supremacy based on privacy is an obsolete concept

Perfect for anyone interested in the currently raging debates about governmental, institutional, corporate, and personal privacy, and the proper balance between the public and the private, *Exposed* also belongs on the shelves of security practitioners and policymakers everywhere.

JANUARY 2021 208PP  
978-1-119-74163-3 PB \$20.00 (Japan)  
Internet General



## Excel Portable Genius

LISA A. BUCKI, LEICESTER

*Excel Portable Genius* contains practical advice and covers the key features of Microsoft Excel in a concise, fast-paced guide perfect for novice and experienced users. This guide features clearly worded instructions so that anyone can learn the capabilities available to them through Excel.

Whether you are experienced or novice, this guide will offer valuable information including how to:

- Graph or chart data to assist users in identifying data trends
- Format data to make important data easy to find and understand
- Print data and charts for use in reports
- Sort and filter data to find specific information
- Link worksheet data and charts for use in other programs such as Microsoft PowerPoint and Word
- Import data from database programs for analysis

A comprehensive index designed for easy navigation, concise instructions, and a small, portable size makes this the ideal guide for every user of the world's most popular spreadsheet program.

SERIES: PORTABLE GENIUS

JANUARY 2021 240PP  
978-1-119-76361-1 PB \$19.99 (Japan)  
Microsoft Excel

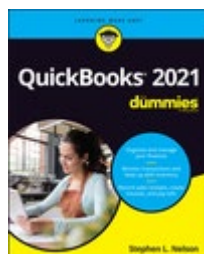


## QuickBooks 2021 For Dummies

STEPHEN L. NELSON

**Save on expensive professionals with this trusted bestseller!**

Running your own business is pretty cool, but when it comes to the financial side--accounts and payroll, for instance--it's not so cool! That's why millions of small business owners around the world count on QuickBooks to quickly and easily manage accounting and financial tasks and save big time on hiring expensive professionals.



In a friendly, easy-to-follow style, small business guru and bestselling author Stephen L. Nelson checks off all your financial line-item asks, including how to track your profits, plan a perfect budget, simplify tax returns, manage inventory, create invoices, track costs, generate reports, and pretty much any other accounts and financial-planning task that turns up on your desk!

- Keep up with the latest QuickBooks changes
- Use QuickBooks to track profits and finances
- Balance your budget
- Back up your data safely

The fully updated new edition of *QuickBooks For Dummies* takes the sweat (and the expense) out of cooking the books--and gives you more time to savor the results of your labors!

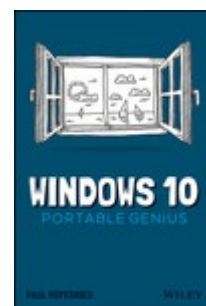
JANUARY 2021 UnknownPP  
978-1-119-67679-9 PB \$26.99 (Japan)  
OTHER SOFTWARE (NON-MICROSOFT)

## Windows 10 Portable Genius

PAUL MCFEDRIES, TORONTO, ONTARIO, CANADA

**Your no-fluff, fast-paced guide to everything Windows 10**

This handy, jargon-free guide is designed to help you quickly learn whatever you need to know about Windows 10. Perfect for novices and experienced users alike, you'll get tips, tricks, and savvy advice on how to install programs, set up user accounts, play music and other media files, download photos from your digital camera, go online, set up and secure an email account, and much, much more.



- Shows how to perform more than 150 Windows tasks, including working with files, digital images, and media; customizing Windows; optimizing performance; and sharing a computer with multiple users
- Covers installing and repairing applications, system maintenance, setting up password-protected accounts, downloading photos to your computer, and staying safe online

With concise, easy-to-follow instructions, and its small, portable size, this is the ideal, on-the-go guide for Windows 10 users everywhere.

SERIES: PORTABLE GENIUS

JANUARY 2021 UnknownPP  
978-1-119-76357-4 PB \$19.99 (Japan)  
Operating Systems / Microsoft Windows



## macOS Big Sur For Dummies

BOB LEVITUS

**Your "get-started" guide to the world of macOS Big Sur**

Wherever you like to Mac--at home in front of your trusty iMac or over a coffee with your portable MacBook Air--macOS provides you with the seamless, efficient, and reliable user experience that makes these devices so famously a pleasure to use. *macOS Big Sur For Dummies* is here to heighten the experience for new users and upgraders alike by providing the very latest on the ways macOS Big Sur can enhance how you work and play.



Written in a no-jargon style by Bob LeVitus--the *Houston Chronicle's* much-loved "Dr. Mac" since 1996--this guide starts with the basics, like getting set up, and explains more advanced uses, like making music and movies, exploring the expanding universe of apps and giving tips on how to save time and enhance productivity along the way. With this book, you'll learn to

- Set up and connect your Mac
- Get friendly with Siri
- Enhance your world with apps
- Work better and faster

Use the comprehensive capabilities of macOS Big Sur to do anything and everything you would like to do--and do it even better. For beginners and experts alike, *macOS Big Sur For Dummies* is the best way to step into the magical world of getting things done with Mac.

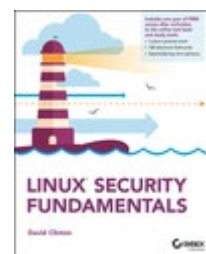
JANUARY 2021 528PP  
978-1-119-73010-1 PB \$29.99 (Japan)  
Operating Systems / Macintosh & iOS

## Linux Security Fundamentals

DAVID CLINTON

**Includes one year of FREE access after activation to the online test bank and study tools:**

- Custom practice exam
- 100 electronic flashcards
- Searchable key term glossary



**The Sybex<sup>®</sup> method for teaching Linux<sup>®</sup> security concepts**

Understanding Linux Security is essential for administration professionals. *Linux Security Fundamentals* covers all the IT security basics to help active and aspiring admins respond successfully to the modern threat landscape. You'll improve your ability to combat major security threats against computer systems, networks, and services. You'll discover how to prevent and mitigate attacks against personal devices and how to encrypt secure data transfers through networks, storage devices, or the cloud. *Linux Security Fundamentals* teaches:

- Using Digital Resources Responsibly
- What Vulnerabilities and Threats Are
- Controlling Access to Your Assets
- Controlling Network Connections
- Encrypting Data, Whether at Rest or Moving
- Risk Assessment
- Configuring System Backups and Monitoring
- Resource Isolation Design Patterns

### Interactive learning environment

Take your skills to the next level with Sybex's superior interactive online study tools. To access our learning environment, simply visit [www.wiley.com/go/sybextestprep](http://www.wiley.com/go/sybextestprep), register your book to receive your unique PIN, and instantly gain one year of FREE access to:

- Interactive test bank with a practice exam to help you identify areas where you need to expand your knowledge
- 100 electronic flashcards to reinforce what you've learned
- Comprehensive glossary in PDF format gives you instant access to key terms you use in your job

JANUARY 2021 192PP  
978-1-119-78146-2 PB \$40.00 (Japan)  
Operating Systems / Linux & UNIX



## Ubuntu Linux Bible

DAVID CLINTON & CHRISTOPHER NEGUS

Gig Harbor, Washington

*Ubuntu Linux Bible (version 19.10)* addresses the information needed for the complete spectrum of Ubuntu users, from desktop users to server administrators, including those new to Linux who may be setting up Linux servers for the first time. The book provides complete information presented in such a way that new users have all of the information that they need, while experienced Linux users can skip directly to the details that they require. Covering the recently released 19.10, as well as the previous version, this book will cover Getting Started with Ubuntu, Ubuntu for Desktop Users, and Ubuntu for System Administrators



This book is organized into four parts: "Getting Started with Ubuntu Linux," "Ubuntu for Desktop Users," "Ubuntu for System Administrators," and "Configuring Servers on Ubuntu."

Making the most of the wide variety of software that is included with Ubuntu Linux. The "Desktop Users' section of the book is task-oriented, explaining how to do user-oriented tasks like read email, surf the web, create and publish documents, work with spreadsheets, create presentations, play games, create and edit graphics, and work with common consumer IoT electronic devices.

Managing Ubuntu systems, explaining fundamental Linux system administration topics such as creating and managing users, backing up the system, adding new printers and disks to the system, network configuration, and using Ubuntu wirelessly.

Using Ubuntu to support network servers. Ubuntu is primarily targeted for desktop users but can also be used in an enterprise environment to provide core network services, where it is especially attractive due to its support for a huge number of languages. This part contains chapters explaining how to set up servers for the Web, electronic mail, print services, networked file sharing, DHCP (network address management), and DNS (network name/address resolution).

SERIES: BIBLE

JANUARY 2021 960PP

978-1-119-72233-5 PB \$50.00 (Japan)

Operating Systems / Linux & UNIX

## iPhone For Dummies

14th Edition

EDWARD C. BAIG & BOB LEVITUS

### Take your iPhone skills to the next level!

The iPhone is a music player, a gaming system, a computer, and a mobile phone all wrapped up in one pocket-sized package. Your device can keep you in touch with friends and family, tell you what's going on in the world, and provide endless hours of entertainment. And those are just a few of its many capabilities! *iPhone For Dummies* offers the insight of two longtime Apple experts on how to make the most of your iPhone and its updated features.

### Inside...

- Using basic utilities
- Syncing your device
- Listening to music
- Shooting, accessing, and editing photos and videos
- Understanding the most important settings
- Exploring the App Store
- Troubleshooting tips

JANUARY 2021 400PP

978-1-119-73002-6 PB \$29.99 (Japan)

COMPUTER HARDWARE / MACINTOSH

## Canon EOS Rebel T8i/850D For Dummies

JULIE ADAIR KING, WEST PALM BEACH

Indianapolis, Indiana

**Get the photos of your dreams with your Canon dSLR**

Photographers who desire full control over all aspects of their images turn to digital SLR cameras to fill their needs. The Canon EOS Rebel T8i/850D offers that level of control in a camera body designed to appeal to beginning and novice photographers. Add this book to that camera and you have the recipe for taking amazing photos. Author Julie Adair King shares her years of photography wisdom as she leads you on an exploration of camera controls, explains what each setting controls, and explains how to put them all together to get the shots every photographer wants in their portfolio.



### Inside...

- \* Tour the camera's controls
- \* Experiment with settings
- \* Take shots in automatic modes
- \* Control exposure settings
- \* Adjust for focus and depth of field
- \* Enhance image color
- \* Capture better portraits and action shots

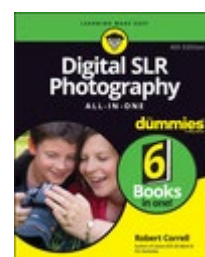
JANUARY 2021 UnknownPP  
978-1-119-71621-1 PB \$34.99 (Japan)  
Digital Cameras & Photography

## Digital SLR Photography All-in-One For Dummies

4th Edition

ROBERT CORRELL, FT. WAYNE

**Your one-stop guide to better photography with your dSLR**



Upgrading to a digital SLR camera is a sign that you're serious about becoming a better photographer. A dSLR offers you control over your photography that a smartphone or a point-and-shoot can never match. It takes some know-how to make all those features work. *Digital SLR Photography All-in-One For Dummies* offers a perfect starting place for getting a grasp on how to take charge of your dSLR. Look inside to get the lowdown on dSLR controls, interchangeable lenses, the science of taking photographs, and how to put them all together to get the images you want out of your camera.

### Inside...

- \* Exploring your camera
- \* Picking the perfect lens
- \* Understanding exposure
- \* Prioritizing lighting
- \* Wrangling your photo files
- \* Building a portfolio

JANUARY 2021 608PP  
978-1-119-71170-4 PB \$44.99 (Japan)  
DIGITAL CAMERAS & PHOTOGRAPHY

## コミュニケーション

**PHTS '2021' For Dummies**

BARBARA OBERMEIER &amp; TED PADOVA, VENTURA

Ventura, CA, Obermeier Design ; Ventura, California

**Get picture-perfect with Photoshop Elements 2021**

Photoshop Elements has a reputation for delivering the photo editing power that non-professional photographers and designers need to get eye-catching--and art-quality--results. This book offers guidance for applying everything from simple, one-click fixes all the way up to detailed retouching of your images.

*Photoshop Elements 2021 For Dummies* assumes no prior photo-editing experience and makes it easy for even the absolute beginner to quickly grasp how to edit to create slick, professional-looking photos. In no time at all you'll feel confident in everything from common image fixes to utilizing more creative techniques, such as using image layers to create a standout look. You'll also find tips on building and managing complex photo projects.

- Understand photo-editing concepts
- Adjust clarity, color, and brightness
- Add artistic touches
- Catalog and organize your work

This fun guide provides the steps you need to get the most out of this popular version of Photoshop--and will help you achieve truly beautiful results!

JANUARY 2021 416PP  
978-1-119-72412-4 PB \$34.99 (Japan)  
Digital Cameras & Photography

**Cyberspace**

DAVID LYON

Queen's University, Kingston, Ontario

JANUARY 2021 224PP  
978-0-7456-2912-4 PB \$22.95 (Japan)  
General Communication & Media Studies

## A Companion to Digital Art

EDITOR CHRISTIANE PAUL & SERIES EDITOR DANA ARNOLD

The New School, New York, USA; University of Southampton

- \* A comprehensive theoretical survey of a fast-moving discipline
- \* Edited by a highly respected expert in the field with an established background as both academic and curator
- \* A definitive reference covering the very latest theoretical developments
- \* Provides fresh perspectives from emerging scholars as well as contributions from leading international theorists



SERIES: BLACKWELL COMPANIONS TO ART HISTORY

JANUARY 2021 UnknownPP  
978-1-119-22574-4 PB \$59.95 (Japan)  
9781118475201 CL \$202.75 (Japan) Published, APR 2016  
New Media

## コンピュータサイエンス

## The Pentester BluePrint

Starting a Career as an Ethical Hacker

PHILLIP L. WYLIE & KIM CRAWLEY

The Pentester Blueprint guides readers on how to prepare and enter the cybersecurity field as a penetration tester aka ethical hacker or white hat hacker. While there are a lot of books about technical tools for penetration testing, The Pentester Blueprint describes the role of a penetration tester, what a pentest entails, and the prerequisite knowledge required to start the educational journey of a pentester. The book goes on to detail learning resources and industry certifications that are helpful in becoming a pentester. The Pentester Blueprint evolved from the author's frequent popular presentations on the same topic at many conferences. Coverage includes:



- Foundation - Discuss the foundational prerequisite knowledge needed to become a pentester. Discuss the IT basic skills such as operating systems, networking and security needed to be a pentester.
- Hacking skills -- Discuss developing hacking skills and the hacker mindset.
- Education options -- Discuss learning options such as college classes, security training providers and self-study.
- Education resources -- Discuss education resources including; books, videos, conferences and community.
- Certifications and degrees -- Discuss credentials useful for gaining employment as a pentester including; degrees and certificates.
- Getting Experience -- Discuss methods for developing hacking/pentesting skills such as labs (third party and home), CTFs, bug bounties, pro bono/volunteer work.
- Developing a plan -- Discuss how to assess current skillset and knowledge to find a starting place and the perform a gap analysis to develop a learning plan. Discuss goal setting and educational milestones to track progress.
- Getting employed as a pentester -- Discuss how to find a job as a pentester through networking, social media and community involvement.

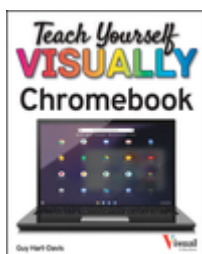
JANUARY 2021 192PP  
978-1-119-68430-5 PB \$30.00 (Japan)  
Networking / Security

## Teach Yourself VISUALLY Chromebook

GUY HART-DAVIS, BARNARD CASTLE, UNITED KINGDOM

### *Teach Yourself VISUALLY Chromebook*

is your ultimate guide to getting the most out of your Chromebook! Designed for ease of use and portable functionality, Chromebook is the device of choice for children, teens, and adults alike. Learn to setup and use your new Chromebook by configuring essential settings and connecting external devices.



When you first open your Chromebook, you'll see several app icons sitting at the bottom of the screen. This area is called the Shelf, and it mimics the Windows taskbar. The Chrome OS Shelf shows which apps are running and provides an easy way to launch apps. To make the Chromebook your own you'll want to add your commonly used apps to the Shelf, and remove the ones you don't use.

This guide will also teach you tips and tricks for how to share content with others from your Chromebook and how to download, run, and manage your applications!

Chromebook is designed to be one of the most feature-rich and user-friendly solutions that allows users the portable functionality of a laptop and tablet running Chrome OS with the ability to run Android apps and Linux desktop apps.

- Get started with Chromebook with over 800 full-color images
- Master ChromeOS and get up and running in no time
- Personalize your desktop background

SERIES: TEACH YOURSELF VISUALLY (TECH)

JANUARY 2021 384PP  
978-1-119-76296-6 PB \$30.00 (Japan)  
Computer Hardware

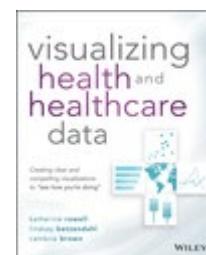
## Visualizing Health and Healthcare Data

Creating Clear and Compelling Visualizations to "See how You're Doing"

KATHERINE ROWELL

**The only data visualization book written by and for health and healthcare professionals**

In health and healthcare, data and information are coming at organizations faster than they can consume and interpret it. Health providers, payers, public health departments, researchers, and health information technology groups know the ability to analyze and communicate this vast array of data in a clear and compelling manner is paramount to success. However, they simply cannot find experienced people with the necessary qualifications. The quickest (and often the only) route to meeting this challenge is to hire smart people and train them.



*Data Visualization for Health and Healthcare Professionals* is a one-of-a-kind book for health and healthcare professionals to learn the best practices of data visualization specific to their field. This book provides a high-level summary of health and healthcare data, an overview of relevant visual intelligence research, strategies and techniques to gather requirements, and instruction on how to build strong teams with the expertise required to create dashboards and reports that people love to use. Clear and detailed explanations of data visualization best practices will help you understand the how and the why.

- Learn how to build beautiful and useful data products that deliver powerful analytics for the end user
- Follow along with examples of data visualization best practices, including table and graph design for health and healthcare data
- Avoid common mistakes in data visualization by learning why they do not work and better ways to display the data

Written by a top leader in the field of health and healthcare data visualization, this book is an excellent resource for top management in healthcare, as well as entry-level to experienced data analysts in any health-related organization.

JANUARY 2021 240PP  
978-1-119-68088-8 PB \$39.95 (Japan)  
Business Data Processing

## Analytics and Big Data for Accountants

2nd Edition

JIM LINDELL

Why is big data analytics one of the hottest business topics today? This book will help accountants and financial managers better understand big data and analytics, including its history and current trends. It dives into the platforms and operating tools that will help you measure program impacts and ROI, visualize data and business processes, and uncover the relationship between key performance indicators.

Key topics covered include:

- Evidence-based techniques for finding or generating data, selecting key performance indicators, isolating program effects
- Relating data to return on investment, financial values, and executive decision making
- Data sources including surveys, interviews, customer satisfaction, engagement, and operational data
- Visualizing and presenting complex results

SERIES: AICPA

JANUARY 2021 UnknownPP

978-1-119-78462-3 PB \$107.50 (Japan)

DATA MINING & KNOWLEDGE DISCOVERY

## Machine Learning for Time Series Forecasting with Python

FRANCESCA LAZZERI

**Learn how to apply the principles of machine learning to time series modeling with this indispensable resource**

*Machine Learning for Time Series Forecasting with Python* is an incisive and straightforward examination of one of the most crucial elements of decision-making in finance, marketing, education, and healthcare: time series modeling.



Despite the centrality of time series forecasting, few business analysts are familiar with the power or utility of applying machine learning to time series modeling. Author Francesca Lazzeri, a distinguished machine learning scientist and economist, corrects that deficiency by providing readers with comprehensive and approachable explanation and treatment of the application of machine learning to time series forecasting.

Written for readers who have little to no experience in time series forecasting or machine learning, the book comprehensively covers all the topics necessary to:

- Understand time series forecasting concepts, such as stationarity, horizon, trend, and seasonality
- Prepare time series data for modeling
- Evaluate time series forecasting models' performance and accuracy
- Understand when to use neural networks instead of traditional time series models in time series forecasting

*Machine Learning for Time Series Forecasting with Python* is full real-world examples, resources and concrete strategies to help readers explore and transform data and develop usable, practical time series forecasts. Perfect for entry-level data scientists, business analysts, developers, and researchers, this book is an invaluable and indispensable guide to the fundamental and advanced concepts of machine learning applied to time series modeling.

JANUARY 2021 256PP

978-1-119-68236-3 PB \$60.00 (Japan)

Data Mining & Knowledge Discovery

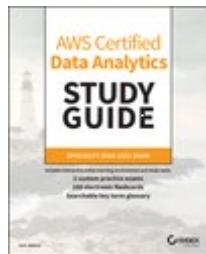


## AWS Certified Data Analytics Study Guide

Specialty (DAS-C01) Exam

ASIF ABBASI

**Move your career forward with AWS certification! Prepare for the AWS Certified Data Analytics Specialty Exam with this thorough study guide**



This comprehensive study guide will help assess your technical skills and prepare for the updated AWS Certified Data Analytics exam. Earning this AWS certification will confirm your expertise in designing and implementing AWS services to derive value from data. The *AWS Certified Data Analytics Study Guide: Specialty (DAS-C01) Exam* is designed for business analysts and IT professionals who perform complex Big Data analyses.

This AWS Specialty Exam guide gets you ready for certification testing with expert content, real-world knowledge, key exam concepts, and topic reviews. Gain confidence by studying the subject areas and working through the practice questions. Big data concepts covered in the guide include:

- Collection
- Storage
- Processing
- Analysis
- Visualization
- Data security

AWS certifications allow professionals to demonstrate skills related to leading Amazon Web Services technology. The AWS Certified Data Analytics Specialty (DAS-C01) Exam specifically evaluates your ability to design and maintain Big Data, leverage tools to automate data analysis, and implement AWS Big Data services according to architectural best practices. An exam study guide can help you feel more prepared about taking an AWS certification test and advancing your professional career. In addition to the guide's content, you'll have access to an online learning environment and test bank that offers practice exams, a glossary, and electronic flashcards.

JANUARY 2021 408PP  
978-1-119-64947-2 PB \$60.00 (Japan)  
Grid & Cloud Computing

## Alice and Bob Learn Application Security

TANYA JANCA

**Learn application security from the very start, with this comprehensive and approachable guide!**



*Alice and Bob Learn Application Security* is an accessible and thorough resource for anyone seeking to incorporate, from the beginning of the System Development Life Cycle, best security practices in software development. This book covers all the basic subjects such as threat modeling and security testing, but also dives deep into more complex and advanced topics for securing modern software systems and architectures. Throughout, the book offers analogies, stories of the characters Alice and Bob, real-life examples, technical explanations and diagrams to ensure maximum clarity of the many abstract and complicated subjects. Topics include:

- Secure requirements, design, coding, and deployment
- Security Testing (all forms)
- Common Pitfalls
- Application Security Programs
- Securing Modern Applications
- Software Developer Security Hygiene

*Alice and Bob Learn Application Security* is perfect for aspiring application security engineers and practicing software developers, as well as software project managers, penetration testers, and chief information security officers who seek to build or improve their application security programs.

*Alice and Bob Learn Application Security* illustrates all the included concepts with easy-to-understand examples and concrete practical applications, furthering the reader's ability to grasp and retain the foundational and advanced topics contained within.

JANUARY 2021 288PP  
978-1-119-68735-1 PB \$50.00 (Japan)  
Computer Security & Cryptography

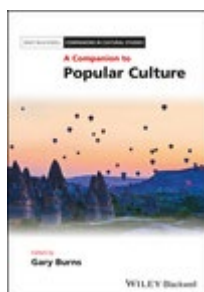


## 文化研究

**A Companion to Popular Culture**

EDITOR GARY BURNS

*A Companion to Popular Culture* is a landmark survey of contemporary research in popular culture studies that offers a comprehensive and engaging introduction to the field.



- Includes over two dozen essays covering the spectrum of popular culture studies from food to folklore and from TV to technology
- Features contributions from established and up-and-coming scholars from a range of disciplines
- Offers a detailed history of the study of popular culture
- Balances new perspectives on the politics of culture with in-depth analysis of topics at the forefront of popular culture studies

SERIES: BLACKWELL COMPANIONS IN CULTURAL STUDIES

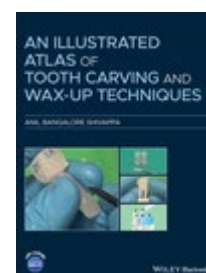
JANUARY 2021 584PP  
978-1-119-23801-0 PB \$54.95 (Japan)  
9781405192057 CL \$202.75 (Japan) Published, May 2016  
Popular Culture

## 歯学

**An Illustrated Atlas of Tooth Carving and Wax-Up Techniques**

ANIL BANGALORE SHIVAPPA

**Learn the basics of dental morphology while improving your cognitive and psychomotor skills with one authoritative resource**



*An Illustrated Atlas of Tooth Carving and Wax-Up Techniques* combines important information on dental morphology, and tooth carving and wax-up techniques.

This book provides those who wish to improve their cognitive and psychomotor skills with a comprehensive and authoritative resource essential to aesthetic and restorative procedures.

Containing clear diagrams and detailed explanations on dental morphology and tooth carving, this book is invaluable for the improvement of manual dexterity in undergraduate and graduate students, particularly in the area of aesthetic procedures and restorative procedures.

- Contains information on the pre-carving preparation of wax blocks
- Provides a description of anatomical landmarks
- Offers a complete and stepwise guide to the carving and wax-up of each tooth
- Includes video resources, located on the companion website, to assist students in the procedure

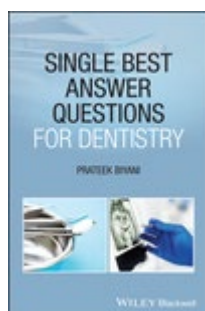
*An Illustrated Atlas of Tooth Carving and Wax-Up Techniques* is perfect for undergraduate and graduate students in dentistry who aim to improve their cognitive and psychomotor skills.

JANUARY 2021 256PP  
978-1-119-57358-6 CL \$135.00 (Japan)  
General Dentistry

## Single Best Answer Questions for Dentistry

PRATEEK BIYANI

JANUARY 2021 160PP  
978-1-119-70235-1 PB \$39.95 (Japan)  
General Dentistry



## Clinical Guide to Oral Diseases

DIMITRIS MALAMOS & CRISPIAN SCULLY

University College London

**A quick reference and revision guide on the most common oral and perioral diseases seen in clinical practice**



*Clinical Guide to Oral Diseases* is a concise reference on the common diseases encountered in daily practice. Presenting a large selection of clinical cases, this user-friendly resource covers a range of oral and perioral lesions located in hard and soft tissues of the mouth and neck, as well oral manifestations of various systemic diseases. Nearly 300 high-quality color images complement succinct descriptions of clinical cases seen in both community and hospital care settings.

Divided into three parts, the text first covers oral lesions classified by their color, appearance, and symptomatology such as bleeding, disturbances of saliva, taste, and orofacial pain. Part two describes the most common oral lesions by location, including those in the buccal mucosae, floor of mouth, gingivae and jaws, lips, neck, palate, salivary glands, tongue, and teeth. The third part encompasses oral lesions that are normal variations or those common to specific age groups or associated with various clinical phenomena.

- Provides nearly 300 high-quality clinical photos and relevant questions to help lead readers to the proper diagnosis of common oral diseases
- Contains concise tables relevant to each chapter with a list of common oral lesions and conditions
- Offers MCQs of varying levels of difficulty to help readers test their knowledge in Oral Medicine
- Includes clinical flow charts according to the location and duration of oral lesions
- Incorporates the ICD-10 Codes of oral lesions and diseases

*Clinical Guide to Oral Diseases* is a valuable reference for general dental and medical practitioners, undergraduate dental students, and postgraduate trainees in oral and maxillofacial surgery, oral medicine, oral pathology, periodontology as well as general pathology, dermatology or head and neck oncology.

JANUARY 2021 280PP  
978-1-119-32811-7 PB \$50.00 (Japan)  
Oral Pathology

## 教育

**Questions and Answers in Oral Health Education**

CHLOE FOXHALL &amp; ANNA LOWN

JANUARY 2021 153PP  
978-1-119-64727-0 PB \$39.95 (Japan)  
Dental Nursing

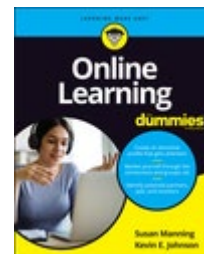
**Online Learning For Dummies**

SUSAN MANNING &amp; KEVIN E. JOHNSON, URBANA

University of Wisconsin at Stout

*Online Learning For Dummies* provides students of all ages with key data on admissions criteria, technology requirements, financial aid opportunities, and more.

JANUARY 2021 368PP  
978-1-119-75686-6 PB \$24.99 (Japan)  
HIGHER EDUCATION GENERAL



## 電気電子工学

**RF Circuits for 5G Applications**

Designing with mm Wave Circuitry

SANGEETA SINGH, RAJEEV KUMAR ARYA, B. C. SAHANA &  
AJAY KUMAR VYASJANUARY 2021 350PP  
978-1-119-79192-8 CL \$195.00 (Japan)  
Circuit Theory & Design**Algorithms for Communications Systems  
and their Applications**

2nd Edition

NEVIO BENVENUTO, GIOVANNI CHERUBINI & STEFANO  
TOMASINUniversity of Padova, Italy; University of Bologna, Italy;  
University of Padova, Italy

This welcome second edition to the 2002 original presents the logical arithmetical or computational procedures within communications systems that will ensure the solution to various problems.

The authors comprehensively introduce the theoretical elements which are at the basis of the field of algorithms for communications systems. Various applications of these algorithms are then illustrated with a focus on wired and wireless network access technologies. The updated applications will focus on 5G standards, and new material will include MIMO systems (Space-time block coding / Spatial multiplexing / Beamforming and interference management / Channel Estimation / mmWave Model); OFDM and SC-FDMA (Synchronization / Resource allocation (bit and power loading) / Filtered OFDM); Full Duplex Systems (Digital interference cancellation techniques).

JANUARY 2021 1200PP  
978-1-119-56796-7 CL \$160.00 (Japan)  
Communication Technology

## CubeSat Antenna Design

NACER CHAHAT

**Presents an overview of CubeSat antennas designed at the Jet Propulsion Laboratory (JPL)**

CubeSats--nanosatellites built to standard dimensions of 10cm x 10 cm x cm--are making space-based Earth science observation and interplanetary space science affordable, accessible, and rapidly deployable for institutions such as universities and smaller space agencies around the world. *CubeSat Antenna Design* is an up-to-date overview of CubeSat antennas designed at NASA's Jet Propulsion Laboratory (JPL), covering the systems engineering knowledge required to design these antennas from a radio frequency and mechanical perspective.



This authoritative volume features contributions by leading experts in the field, providing insights on mission-critical design requirements for state-of-the-art CubeSat antennas and discussing their development, capabilities, and applications. The text begins with a brief introduction to CubeSats, followed by a detailed survey of low-gain, medium-gain, and high-gain antennas. Subsequent chapters cover topics including the telecommunication subsystem of Mars Cube One (MarCO), the enabling technology of Radar in a CubeSat (RainCube), the development of a one-meter mesh reflector for telecommunication at X- and Ka-band for deep space missions, and the design of multiple metasurface antennas.

*CubeSat Antenna Design* is an important resource for antenna/microwave engineers, aerospace systems engineers, and advanced graduate and postdoctoral students wanting to learn how to design and fabricate their own antennas to address clear mission requirements.

SERIES: WILEY – IEEE

JANUARY 2021 336PP  
978-1-119-69258-4 CL \$140.00 (Japan)  
Antennas & Propagation

## ICT Policy, Research, and Innovation

Perspectives and Prospects for EU-US Collaboration

SVETLANA KLESSOVA, SEBASTIAN ENGELL, MAARTEN BOTTERMAN & JONATHAN CAVE

University of Dortmund, Germany

**A comprehensive discussion of the findings of the PICASSO initiative on ICT policy**

*ICT Policy, Research, and Innovation: Perspectives and Prospects for EU-US Collaboration* provides a clearly readable overview of selected information and communication technology (ICT) and policy topics.

Rather than deluge the reader with technical details, the distinguished authors provide just enough technical background to make sense of the underlying policy discussions.

The book covers policy, research, and innovation topics on technologies as wide-ranging as:

- Internet of Things
- Cyber physical systems
- 5G
- Big data

*ICT Policy, Research, and Innovation* compares and contrasts the policy approaches taken by the EU and the US in a variety of areas. The potential for future cooperation is outlined as well. Later chapters provide policy perspectives about some major issues affecting EU/US development cooperation, while the book closes with a discussion of how the development of these new technologies is changing our conceptions of fundamental aspects of society.



SERIES: IEEE PRESS SERIES ON TECHNOLOGY MANAGEMENT, INNOVATION, AND LEADERSHIP

JANUARY 2021 480PP  
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Communication System Security

## From GSM to LTE-Advanced Pro and 5G

An Introduction to Mobile Networks and Mobile Broadband, 4th Edition

MARTIN SAUTER, GERMANY

Nortel Networks

From GSM to LTE-Advanced Pro and 5G: An Introduction to Mobile Networks and Mobile Broadband provides technical descriptions of the various wireless technologies currently in use. It explains the rationales behind their differing mechanisms and implementations while exploring the advantages and limitations of each technology. Special focus is put on the practical implementation and design assumptions, and the performance and capacity of each system. This welcome fourth edition responds to the ever-evolving systems of modern mobile networks, including 5G New Radio.

JANUARY 2021 500PP  
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MOBILE & WIRELESS COMMUNICATIONS

## Engineering and Technology for Healthcare

MUHAMMAD ALI IMRAN, RAMI GHANNAM & QAMMER H. ABBASI

Innovation in healthcare is currently a "hot" topic. Innovation allows us to think differently, to take risks and to develop ideas that are far better than existing solutions. Currently, there is no single book that covers all topics related to microelectronics, sensors, data, system integration and healthcare technology assessment in one reference. This book aims to critically evaluate current state-of-the-art technologies and provide readers with insights into developing new solutions. With contributions from a fully international team of experts across electrical engineering and biomedical fields, the book discusses how advances in sensing technology, computer science, communications systems and proteomics/genomics are influencing healthcare technology today.



SERIES: WILEY – IEEE

JANUARY 2021 300PP  
978-1-119-64424-8 CL \$120.00 (Japan)  
Communication Technology - Networks

## Scattering and Diffraction by Wedges 1

The Wiener-Hopf Solution - Theory

VITO G. DANIELE & GUIDO LOMBARDI

Polytechnique of Turin, Italia; Polytechnique of Turin, Italia

The book has a dual purpose. The first is to expose a general methodology to solve problems of electromagnetism in geometries constituted of angular regions. The second is to bring the solutions of some canonical problems of fundamental importance in modern electromagnetic engineering with the use of the Wiener-Hopf technique.

In particular, the general mathematical methodology is very ingenious and original. It is based on sophisticated and attractive procedures exploiting simple and advanced properties of analytical functions. Once the reader has acquired the methodology, they can easily obtain the solution of the canonical problems reported in the book. The book can be appealing also to readers who are not directly interested in the detailed mathematical methodology and/ or in electromagnetics. In fact the same methodology can be extended to acoustics and elasticity problems. Moreover, the proposed practical problems with their solutions constitute a list of reference solutions and can be of interest in engineering production in the field of radio propagations, electromagnetic compatibility and radar technologies.



JANUARY 2021 240PP  
978-1-78630-263-2 CL \$135.00 (Japan)  
Electromagnetic Theory

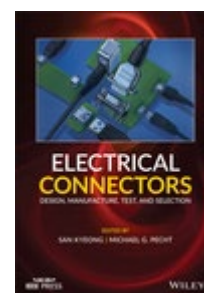
## Electrical Connectors

Design, Manufacture, Test, and Selection

EDITOR SAN KYEONG & EDITOR MICHAEL G. PECHT

University of Maryland

This book covers everything required to design, manufacture and select a connector for any targeted application. It covers the science of contact physics, and the engineering involved in the choice and manufacture of contact materials, contact finishes, housing materials and the full connector assembly process. Test methods and performance and reliability concerns and guidelines are then given and various application requirements and selection considerations are discussed. This book is intended for a wide electrical engineering readership, and will appeal to both introductory and advanced levels.



SERIES: WILEY – IEEE

JANUARY 2021 400PP  
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Component Manufacturing



## Cellular V2X for Connected Automated Driving

MIKAEL FALLGREN, MARKUS DILLINGER, TOKTAM MAHMOODI & TOMMY SVENSSON

Cellular assisted Vehicles to Everything (C-V2X) technologies in connected automated vehicles will enable information sharing between vehicles, and allow them to communicate both with the network and with each other using highly reliable and responsive, secure, and high capacity communication links. Enabling such connectivity will leverage disruptive new applications, business services resulting in advance driving support, additional road safety, and ultimately, fully automated vehicles widely spread at large scale. On the path to fully automated vehicles, there are significant challenges in serving the mix of vehicles at different automation levels, both for the network and for the vehicles.

JANUARY 2021 320PP  
978-1-119-69264-5 CL \$120.00 (Japan)  
Intelligent Systems & Agents

## Multi-Agent Coordination

A Reinforcement Learning Approach

ARUP KUMAR SADHU & AMIT KONAR

This book explores the usage of Reinforcement Learning for Multi-Agent Coordination. Chapter 1 introduces fundamentals of the multi-robot coordination. Chapter 2 offers two useful properties, which have been developed to speed-up the convergence of traditional multi-agent Q-learning (MAQL) algorithms in view of the team-goal exploration, where team-goal exploration refers to simultaneous exploration of individual goals. Chapter 3 proposes the novel consensus Q-learning (CoQL), which addresses the equilibrium selection problem. Chapter 4 introduces a new dimension in the literature of the traditional correlated Q-learning (CQL), in which correlated equilibrium (CE) is computed partly in the learning and the rest in the planning phases, thereby requiring CE computation once only. Chapter 5 proposes an alternative solution to the multi-agent planning problem using meta-heuristic optimization algorithms. Chapter 6 provides the concluding remarks based on the principles and experimental results acquired in the previous chapters. Possible future directions of research are also examined briefly at the end of the chapter.



SERIES: WILEY - IEEE  
JANUARY 2021 320PP  
978-1-119-69903-3 CL \$135.00 (Japan)  
Intelligent Systems & Agents

## エネルギー

**Enabling the Internet of Things**

Fundamentals, Design and Applications

MUHAMMAD AZHAR IQBAL, SAJJAD HUSSAIN, HUANLAI XING  
& MUHAMMAD ALI IMRAN

In the modern era, a plethora of things is being connected to each other using underlying network technologies with an aim to promote the paradigm of Internet of Things (IoT). IoT comprises of diversified technologies including pervasive computing, sensor technology, embedded systems, communication technologies, sensor networking, Internet protocols etc. IoT also benefits the economic growth of civilized societies.



The objective of this book is to provide a good starting point to understand the fundamentals and design of IoT systems. Moreover, it is an effort to partially fill the gap associated with the understanding of IoT concepts through programming in an abstract way. Topics covered include IoT fundamentals, IoT hardware/software components, IoT protocol stack, security, IoT applications and their implementations, challenges, their possible solutions and future directions. Moreover, social aspects of smart things are also discussed.

SERIES: WILEY – IEEE

JANUARY 2021 220PP  
978-1-119-70125-5 CL \$125.00 (Japan)  
Embedded Systems & Smart Cards

**Optical Sensing in Power Transformers**

JUNFENG JIANG &amp; GUOMING MA

Optical Sensing in Power Transformers provides abundant first-hand information and knowledge on the optical techniques applied in power transformers, which are important and expensive components in the electric power system. Monitoring systems can help to decrease the transformer life cycle cost and to increase the high level of availability and reliability. It is believed that optical sensing techniques will play an increasingly significant role in online monitoring of power transformers. This book comprehensively presents the different cutting-edge optical principles and methodologies adopted for online monitoring of power transformers. This original work, based on the authors' extensive research, examines optical techniques and high-voltage equipment testing, providing the foundation for further application, prototype and manufacturing. The book builds upon the principles, installation, operation, condition detection, monitoring and fault diagnosis of power transformers, and therefore a basic knowledge of electrical engineering, transformer construction, and optical principles are a pre-requisite.

SERIES: WILEY – IEEE

JANUARY 2021 300PP  
978-1-119-76528-8 CL \$135.00 (Japan)  
Power Electronics

## Handbook of Large Hydro Generators

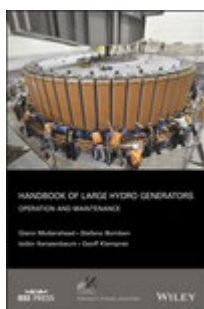
### Operation and Maintenance

GLENN MOTTERSHEAD, STEFANO BOMBEN, ISIDOR  
KERSZENBAUM & GEOFF KLEMPNER

California State University, Long Beach; Toronto, Ontario,  
Canada

**This book offers comprehensive coverage of the operation and maintenance of large hydro generators**

This book is a practical handbook for engineers and maintenance staff responsible for the upkeep of large salient-pole hydro generators used in electric power plants. Focusing on the physics and maintenance of large vertical salient pole generators, it offers readers real-world experience, problem description, and solutions, while teaching them about the design, modernization, inspections, maintenance, and operation of salient pole machines.



*Handbook of Large Hydro Generators: Operation and Maintenance* provides an introduction to the principles of operation of synchronous machines. It then covers design and construction, auxiliary systems, operation and control, and monitoring and diagnostics of generators. Generator protection, inspection practices and methodology and auxiliaries inspections are also examined. The final two chapters are dedicated to maintenance and testing, and maintenance philosophies, upgrades, and uprates. The handbook includes over 420 color photos and 180 illustrations, forms, and tables to complement the topics covered in the chapters. *Handbook of Large Hydro Generators: Operation and Maintenance* is an ideal resource for scientists and engineers whose research interest is in electromagnetic and energy conversion. It is also an excellent book for senior undergraduate and graduate students majoring in energy generation, and generator operation and maintenance.

SERIES: IEEE PRESS SERIES ON POWER ENGINEERING

JANUARY 2021 UnknownPP  
978-0-470-94757-9 CL \$165.00 (Japan)  
Power Technology & Power Engineering

## Reference Frame Theory

PAUL KRAUSE

Purdue University, IN

This book sets forth the work the author has done over the last sixty years in reference frame theory from the arbitrary reference frame, to the coining of the title of reference frame theory, to the recent establishing of the basis of reference frame theory. It begins with introduction to Tesla's rotating magnetic field that is then integrated into reference frame theory. The author moves on to describe the link between reference frame theory and symmetrical induction machines and synchronous machines. Subsequent chapters explore the field orientation of brushless dc drives and induction machine drives. The book concludes with an exploration of applications that utilize reference frame theory.

SERIES: IEEE PRESS SERIES ON POWER ENGINEERING

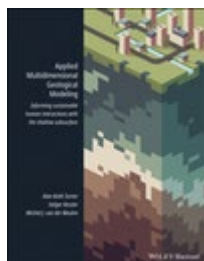
JANUARY 2021 144PP  
978-1-119-72163-5 CL \$125.00 (Japan)  
Electric Power Systems

## 地球科学

## Applied Multidimensional Geological Modeling

EDITOR A KEITH TURNER, EDITOR MICHIEL VAN DER MEULEN & EDITOR HOLGER KESSLER

Over the past decades, geological survey organizations have digitized their data handling and holdings, unlocking vast amounts of data and information for computer processing. They have undertaken 3-D modeling alongside, and in some cases instead of, conventional geological mapping and begun delivering both data and interpretations to increasingly diverse stakeholder communities. *Applied Multidimensional Geological Modeling* provides a citable central source that documents the current capabilities and contributions of leading geological survey organization and other practitioners in industry and academia that are producing multidimensional geological models. This book focuses on applications related to human interactions with conditions in the shallow subsurface, within 100-200 m of the surface. The 26 chapters, developed by 100 contributors associated with 37 organizations, discuss topics relevant to any geologist, scientist, engineer, urban planner, or decision maker whose practice includes assessment or planning of underground space.



JANUARY 2021 450PP  
978-1-119-16312-1 CL \$190.00 (Japan)  
Geology & Geophysics

## Unconventional Hydrocarbon Resources

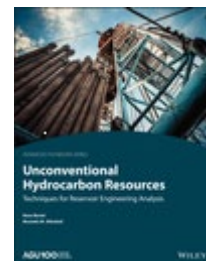
Techniques for Reservoir Engineering Analysis

REZA BARATI & MUSTAFA M. ALHUBAIL

University of Kansas, USA; University of Kansas, USA

**A comprehensive textbook presenting techniques for the analysis and characterization of shale plays**

Significant reserves of hydrocarbons cannot be extracted using conventional methods. Improvements in techniques such as horizontal drilling and hydraulic fracturing have increased access to unconventional hydrocarbon resources, ushering in the "shale boom" and disrupting the energy sector.



*Unconventional Hydrocarbon Resources: Techniques for Reservoir Engineering Analysis* covers the geochemistry, petrophysics, geomechanics, and economics of unconventional shale oil plays. The text uses a step-by-step approach to demonstrate industry-standard workflows for calculating resource volume and optimizing the extraction process. Volume highlights include:

- Methods for rock and fluid characterization of unconventional shale plays
- A workflow for analyzing wells with stimulated reservoir volume regions
- An unconventional approach to understanding of fluid flow through porous media
- A comprehensive summary of discoveries of massive shale resources worldwide
- Data from Eagle Ford, Woodford, Wolfcamp, and The Bakken shale plays
- Examples, homework assignments, projects, and access to supplementary online resources
- Hands-on teaching materials for use in petroleum engineering software applications

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: AGU ADVANCED TEXTBOOKS

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Geology & Geophysics

## Structural Analysis and Synthesis

A Laboratory Course in Structural Geology

4th Edition

STEPHEN M. ROWLAND, ERNEST M. DUEBENDORFER &  
ALEXANDER GATES

University of Nevada; Northern Arizona University

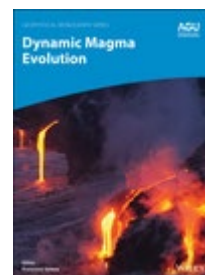
JANUARY 2021 320PP  
978-1-119-53545-4 PB \$70.00 (Japan)  
STRUCTURAL GEOLOGY & TECTONICS

## Dynamic Magma Evolution

FRANCESCO VETERE

**Explores the complex physico-chemical processes involved in active volcanism and dynamic magmatism**

Understanding the magmatic processes responsible for the chemical and textural signatures of volcanic products and igneous rocks is crucial for monitoring, forecasting, and mitigating the impacts of volcanic activity.



*Dynamic Magma Evolution* is a compilation of recent geochemical, petrological, physical, and thermodynamic studies. It combines field research, experimental results, theoretical approaches, unconventional and novel techniques, and computational modeling to present the latest developments in the field.

### Volume highlights include:

- Crystallization and degassing processes in magmatic environments
- Bubble and mineral nucleation and growth induced by cooling and decompression
- Kinetic processes during magma ascent to the surface
- Magma mixing, mingling, and recharge dynamics
- Geo-speedometer measurement of volcanic events
- Changes in magma rheology induced by mineral and volatile content

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SERIES: GEOPHYSICAL MONOGRAPH SERIES

JANUARY 2021 224PP  
978-1-119-52113-6 CL \$199.95 (Japan)  
Igneous & Metamorphic Petrology and Volcanology

## Large Igneous Provinces

A Driver of Global Environmental and Biotic Changes

RICHARD R. ERNST, ALEX DICKSON, ANDREY BEKKER &

ETH-Z Honggerberg, Zurich, Switzerland

### Exploring the links between Large Igneous Provinces and dramatic environmental impact

An emerging consensus suggests that Large Igneous Provinces (LIPs) and Silicic LIPs (SLIPs) are a significant driver of dramatic global environmental and biological changes, including mass extinctions. Environmental changes caused by LIPs and SLIPs include rapid global warming, global cooling (‘Snowball Earth’), oceanic anoxia events, mercury poisoning, atmospheric and oceanic acidification, and sea level changes.



Continued research to characterize the effects of these extremely large and typically short duration igneous events on atmospheric and oceanic chemistry through Earth history can provide lessons for understanding and mitigating modern climate change.

*Large Igneous Provinces: A Driver of Global Environmental and Biotic Changes* describes the interactions between the effects of LIPs and other drivers of climatic change, the limits of the LIP effect, and the atmospheric and oceanic consequences of LIPs in significant environmental events.

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

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Igneous & Metamorphic Petrology and Volcanology

## Petroleum Geoscience

2nd Edition

JON GLUYAS

Acorn Oil & Gas Ltd & University of Durham

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IGNEOUS & METAMORPHIC PETROLOGY AND VOLCANOLOGY



## El Niño Southern Oscillation in a Changing Climate

EDITOR MICHAEL J. MCPHADEN, EDITOR AGUS SANTOSO &  
EDITOR WENJU CAI

**Comprehensive and up-to-date information on Earth's most dominant year-to-year climate variation**

The El Niño Southern Oscillation (ENSO) in the Pacific Ocean has major worldwide social and economic consequences through its global scale effects on atmospheric and oceanic circulation, marine and terrestrial ecosystems, and other natural systems. Ongoing climate change is projected to significantly alter ENSO's dynamics and impacts.

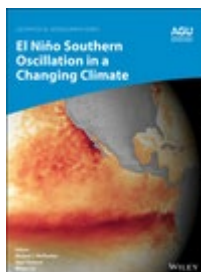
*El Niño Southern Oscillation in a Changing Climate* presents the latest theories, models, and observations, and explores the challenges of forecasting ENSO as the climate continues to change.

Volume highlights include:

- Historical background on ENSO and its societal consequences
- Review of key El Niño (ENSO warm phase) and La Niña (ENSO cold phase) characteristics
- Mathematical description of the underlying physical processes that generate ENSO variations
- Conceptual framework for understanding ENSO changes on decadal and longer time scales, including the response to greenhouse gas forcing
- ENSO impacts on extreme ocean, weather, and climate events, including tropical cyclones, and how ENSO affects fisheries and the global carbon cycle
- Advances in modeling, paleo-reconstructions, and operational climate forecasting
- Future projections of ENSO and its impacts
- Factors influencing ENSO events, such as inter-basin climate interactions and volcanic eruptions

SERIES: GEOPHYSICAL MONOGRAPH SERIES

JANUARY 2021 528PP  
978-1-119-54812-6 CL \$199.95 (Japan)  
Atmospheric Sciences



## ファイナンス／インベストメント

## Anti-Money Laundering Transaction Monitoring Systems Implementation

Finding Anomalies

DEREK CHAU

**Effective transaction monitoring begins with proper implementation**

*Anti-Money Laundering Transaction Monitoring Systems Implementation* provides comprehensive guidance for bank compliance and IT personnel tasked with implementing AML transaction monitoring. Written by an authority on data integration and anti-money laundering technology, this book offers both high-level discussion of transaction monitoring concepts and direct clarification of practical implementation techniques. All transaction monitoring scenarios are composed of a few common elements, and a deep understanding of these elements is the critical factor in achieving your goal; without delving into actual code, this guide provides actionable information suitable for any AML platform or solution to help you implement effective strategies and ensure regulatory compliance for your organization.

Transaction monitoring is increasingly critical to banking and business operations, and the effectiveness of any given solution is directly correlated to its implementation. This book provides clear guidance on all facets of AML transaction monitoring, from conception to implementation. Regulators all over the world are requiring banks and other companies to institute automated systems that combat money laundering. With many variables at play on both the transaction side and the solution side of the equation, a solid understanding of AML technology and its implementation is the most critical factor in successful detection. *Anti-Money Laundering Transaction Monitoring Systems Implementation* is an invaluable resource for those tasked with putting these systems in place, providing clear discussion and practical implementation guidance.

SERIES: WILEY AND SAS BUSINESS SERIES

JANUARY 2021 320PP  
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Money & Banking





## Investing For Dummies

9th Edition

ERIC TYSON

This new edition of *Investing For Dummies* provides a slow-and-steady-wins-the-race message and helps readers overcome the fear and anxiety associated with recent economic events, from men and women who are beginning to develop an investing plan or want to strengthen their existing investment portfolios, and employees making decisions regarding investing in their company's 401(k) plans or who need to roll them over when changing jobs to young adults who want to begin saving and investing as they land their first jobs, and baby-boomers seeking to shore up their nest eggs prior to retirement.



### Updates in the 9th Edition:

- Complete coverage of the updated tax laws from the Tax Cuts and Jobs Act bill and its impact on investments, home purchases/real estate and small business owners
- Coverage of the trend in the investment brokerage field towards zero commissions on stock and ETF trades
- Tips for investing when stocks seem expensive
- What are cryptocurrencies and should you invest in them?
- Expanded coverage of newer retirement accounts - like Roth 401(k) and why low tax rates make them more attractive
- What is ESG investing and how is different than "socially responsible" investing?

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978-1-119-71649-5 PB \$24.99 (Japan)  
MONEY & BANKING

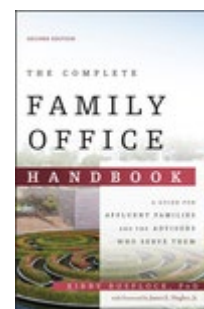
## The Complete Family Office Handbook

A Guide for Affluent Families and the Advisors Who Serve Them, 2nd Edition

KIRBY ROSPLOCK, JUPITER, UNITED STATES

**Discover new insights on how to setup, manage, and advise wealthy families and their family offices**

*The Complete Family Office: A Guide for Affluent Families and the Advisors Who Serve Them, 2nd Edition* represents the newest update to an essential series. This book prepares the members of wealthy families to collectively manage, sustain, and grow their wealth across multiple generations. It also assists professionals who advise families to better serve their needs.



This book teaches those who advise family offices and wealthy families on:

- How to setup, structure, and advise a family office
- Current compliance, fiduciary and risk management practices for a family office
- Forward-thinking investment management, estate planning, and private trust company considerations
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- Best practices to managing family wealth education and preparing next generation owners
- New insights on family governance, strategic planning, and succession
- Methods to create a family constitution, mission, and vision for families and their family offices.

*The Complete Family Office Handbook* provides the most comprehensive, current research, practical guidance, and approaches from leading family offices from around the globe and illustrates, by way of practical case studies and examples, how families can effectively manage their wealth for the long term.

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INSTITUTIONAL & CORPORATE FINANCE

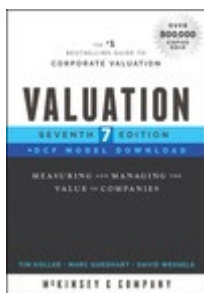
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7th Edition

MCKINSEY & COMPANY INC.

The *Valuation DCF Model, 7th Edition* is a vital companion to the seventh edition of *Valuation*, containing an expert guide and the renowned discounted cash flow (DCF) valuation model developed by McKinsey's own finance practice. The DCF Model can be used to value real companies in real-world situations, and includes detailed instruction and expert guidance on how to use it. The advantage of the ready-made model is that allows users to focus on analyzing a company's performance instead of worrying about computation errors.



SERIES: WILEY FINANCE

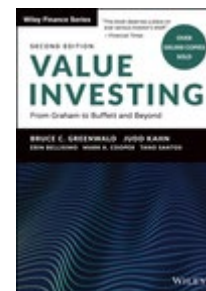
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INSTITUTIONAL & CORPORATE FINANCE

## Value Investing

### From Graham to Buffett and Beyond, 2nd Edition

BRUCE C. GREENWALD, JUDD KAHN, ERIN BELLISSIMO, MARK COOPER & TANO SANTOS

- A second edition to the classic and widely popular *Value Investing*, which was hailed as "better" than Benjamin Graham's 1950, *The Intelligent Investor*.



- *Value Investing* provides the fundamental technique of value investing as practiced by the greatest value investors, such as Warren Buffett, Michael Price, Mario Gabelli, and Walter Schloss
- It also includes profiles of emerging names in the field of value investing, such as Andrew Weiss, Joel Greenblatt, Mason Hawkins and Bill Nygren.
- The second edition includes new discussions on the returns to value strategies compared to those of growth strategies.

READERSHIP: Professional investors, institutional money managers, business and finance students, and sophisticated individual investors.

SERIES: WILEY FINANCE

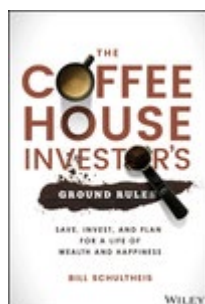
JANUARY 2021 464PP  
978-0-470-11673-9 CL \$35.00 (Japan)  
INSTITUTIONAL & CORPORATE FINANCE

## The Coffeehouse Investor's Ground Rules

Save, Invest, and Plan for a Life of Wealth and Happiness

BILL SCHULTHEIS

Building off the framework of Schultheis' *The Coffeehouse Investor* philosophy, *SIP* will instill the common man and woman with the confidence to take control over their long-term financial goals and journey towards financial freedom in retirement. *SIP* encourages readers to ignore stock market "rules" and "perfect portfolio" pursuits to focus on the only three essential components to long-term financial security: saving, investing, and planning. Each component will be further broken down and explained through topics such as:



- How to save money with confidence
- The benefit of saving a little
- Why women should invest in their financial destiny
- The problem with underestimating your own financial abilities

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Personal Finance

## Investing For Canadians All-in-One For Dummies

CONSUMER DUMMIES

Wiley

**The all-encompassing guide to getting smart about the market**

While investing is one of the smartest ways to become financially worry-free, making the decisions that get you there can be intimidating and overwhelming. Today's investors have a huge array of options open to them and sorting the wheat from the chaff--and the get-rich-quick Ponzi schemes from the real deal--is an exhausting process. *Investing For Canadians All-in-One For Dummies* takes the fear out of the complexity by providing you with a clear and honest overview of Canada's unique investing landscape--and shows you how to make it work for you.



Bringing together essential and jargon-free information from *Investing For Canadians For Dummies*, *Stock Investing For Canadians For Dummies*, *Mutual Funds For Canadians For Dummies*, *Real Estate Investing For Canadians For Dummies*, *Day Trading For Canadians For Dummies*, *Cryptocurrency Investing For Dummies*, and *Investing in Silver & Gold For Dummies* together in one convenient place, this rich resource is an arsenal of techniques and advice for guaranteeing you a secure and prosperous future.

- Develop and manage a portfolio
- Find investments that suit your income
- Get the latest information on tax laws
- Follow time-tested strategies
- Invest in gold, silver, and other precious metals

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Personal Finance

## J.K. Lasser's 1001 Deductions and Tax Breaks 2021

Your Complete Guide to Everything Deductible

BARBARA WELTMAN, UNITED STATES

IDG Books Worldwide, Inc.

**The complete guide to all deductions and credits for individual taxpayers** J.K.

*Lasser's 1001 Deductions and Tax Breaks* shows you just how much money you can save on your taxes--legally--simply by taking advantage of what's out there. Millions of Americans overpay their taxes by billions of dollars every year, because constantly evolving laws and regulations make keeping track of deductions and breaks next to impossible for the everyday taxpayer. This book helps you put a stop to overpayment so you can keep more of your hard-earned money. J.K. Lasser has compiled a complete list of *every possible deduction and credit* available to American taxpayers, and provides clear, easy-to-follow instructions for claiming what is rightfully yours. Fully updated to reflect the latest rulings and laws--including an e-supplement with the latest tax developments from the IRS and Congress--this book answers all of your "Can I claim..." questions with guidance from the nation's most trusted tax advisors.



SERIES: J.K. LASSER

JANUARY 2021 UnknownPP  
978-1-119-74002-5 PB \$22.95 (Japan)  
PERSONAL FINANCE / CONSUMER TAX

## J.K. Lasser's Small Business Taxes 2021

Your Complete Guide to a Better Bottom Line

BARBARA WELTMAN, UNITED STATES

IDG Books Worldwide, Inc.

*J.K. Lasser's Small Business Taxes*

2021 helps small business owners maximize their bottom line with straightforward, yet comprehensive guidance from the most trusted name in tax. Featuring a complete listing of all available business expense deductions, including dollar limits and record-keeping requirements, this book helps you quickly determine what kind of tax relief is available to you, and how to take it--all the way down to where to claim deductions on the forms themselves. Tax facts, strategies, and the latest up-to-date information help ensure that you don't miss out on money-saving opportunities, and sample forms and checklists help you get organized and submit a complete and proper filing.



SERIES: J.K. LASSER

JANUARY 2021 UnknownPP  
978-1-119-74005-6 PB \$22.95 (Japan)  
PERSONAL FINANCE / CONSUMER TAX

## Fixed Income Analysis

4th Edition

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Investments & Securities

## International Financial Statement Analysis

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Investments & Securities

## Quantitative Investment Analysis

4th Edition

CFA INSTITUTE

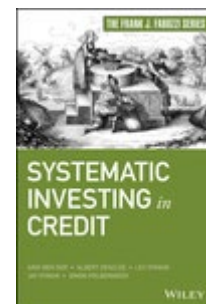
SERIES: CFA INSTITUTE INVESTMENT SERIES  
JANUARY 2021 UnknownPP 978-1-119-79015-0 PB \$145.00 (Japan)  
Investments & Securities

## Systematic Investing in Credit

LEV DYNKIN, ARIK BEN DOR, ALBERT DESCLEE, JAY HYMAN &  
SIMON POLBENNIKOV

### The Latest Insights on Systematic Strategies for Investing in Credit

*Systematic Investing in Credit* is the latest book of cutting-edge research in credit markets written by the Quantitative Portfolio Strategy (QPS) Group at Barclays Research.



The book starts with empirical evidence that credit, as an asset class, has consistently outperformed a risk-matched combination of equities and Treasuries. A detailed analysis explains the sources of this advantage.

Credit portfolio construction was for decades, and often still is, an index-centric process subjecting managers to index rules and constraints. Barclays QPS Group proceeds by discussing the performance cost of these constraints and ways to exploit resulting inefficiencies to outperform indices.

Next they present their research on the performance implications of bond portfolio characteristics -- both traditional ones such as coupon level and maturity distribution and others that came into focus more recently such as ESG scores.

The following part of the book is dedicated to the increasingly popular factor investing in credit. They discuss their original value and momentum models (the latter based on the momentum of the equity of a given issuer) as well as the issuer size factor. They analyze optimal ways of combining the factor signals in a portfolio considering turnover limits and trading costs in a practical implementation.

Finally, they focus on the newest trend in credit investing -- the applications of equity market data and methodologies in credit portfolio construction.

SERIES: FRANK J. FABOZZI SERIES

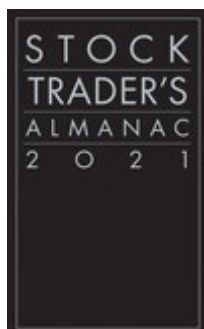
JANUARY 2021 UnknownPP  
978-1-119-75128-1 CL \$95.00 (Japan)  
Investments & Securities

## Stock Trader's Almanac 2021

JEFFREY A. HIRSCH, NYACK

SERIES: ALMANAC INVESTOR  
SERIES

JANUARY 2021 192PP  
978-1-119-77876-9 PB \$50.00 (Japan)  
TRADING



## Digital Finance

Security Tokens and Unlocking the Real Potential of Blockchain

BAXTER HINES

In *Digital Finance: Security Tokens and Unlocking the Real Potential Blockchain*, readers will realize why security tokens are creating huge excitement in the financial industry. By combining the latest in technology and the potential for automated world-class investor protections, regulatory compliance and customer service, security tokens offer a plethora of benefits that will drive cost reductions, enhance flexibility and open up opportunities for new business models and revenue streams. *Digital Finance* thoroughly examines how this powerful technology can overhaul our current financial infrastructure in a way that will increase efficiency, transparency, and security.



Topics include:

- How to think about investments in the digital space
- How blockchain and distributed ledger technology are disrupting the financial industry
- Security tokens and how they are the next major breakthrough for investing
- How digital assets open new opportunities and provide cost savings benefits
- How blockchain technology has created new, efficient ways of fund raising and investing
- The ways tech companies are building a new, more interconnected financial network fabric
- How multi-national corporations like IBM, Fidelity Investments and AXA are already deploying blockchain and tokenized solutions
- Case studies, historical perspectives and latest trends that offer perception as to how this exciting new space will develop
- How countries around the world are embracing this new phenomenon and how regulators are taking notice

How assets currently only available to select institutional investors could become marketed to the mainstream

JANUARY 2021 256PP  
978-1-119-75630-9 CL \$29.95 (Japan)  
Finance & Investments Special Topics

## Empowered by Data

How to Build Inspired Analytics Communities

EVA MURRAY

### Learn to build an analytics community in your organization from scratch

*How to Build a Data Community* shows readers how to create analytics and data communities within their organizations. Celebrated author Eva Murray relies on intuitive and practical advice structured as step-by-step guidance to demonstrate the creation of new data communities.



*How to Build a Data Community* uses concrete insights gleaned from real-world case studies to describe, in full detail, all the critical components of a data community. Readers will discover:

- What analytics communities are and what they look like
  - Why data-driven organizations need analytics communities
  - How selected businesses and nonprofits have applied these concepts successfully and what their journey to a data-driven culture looked like.
  - How they can establish their own communities and what they can do to ensure their community grows and flourishes
- Perfect for analytics professionals who are responsible for making policy-level decisions about data in their firms, the book is also a must-have for data practitioners and consultants who wish to make positive changes in the organizations with which they work.

JANUARY 2021 192PP  
978-1-119-70565-9 PB \$34.95 (Japan)  
Finance & Investments Special Topics

## Investing in Gold & Silver For Dummies

PAUL MLADJENOVIC

*Investing in Gold & Silver For Dummies* helps readers receive a clear and thorough introduction to investing in gold and silver. It includes information on the different types of metals, how to add them to your portfolio, the risks and rewards in investing in metals, the different ways to purchase and trade metal, and investing plans and strategies.



JANUARY 2021 360PP  
978-1-119-72399-8 PB \$26.99 (Japan)  
Finance & Investments Special Topics



## Structured Finance LBOs, Project Finance, Asset Finance and Securitization

CHARLES-HENRI LARREUR

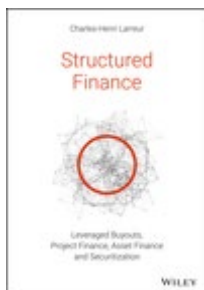
### Comprehensive coverage of all major structured finance transactions

*Structured Finance* offers a robust core text for undergraduate students in business, economics, management, and finance. Going beyond securitisation to cover all aspects of structured finance and the various types of transactions within, this book offers a comprehensive introduction to non-recourse financial techniques and asset-based lending. Detailed explanations of the main techniques used today include leveraged buyouts, project finance, asset finance and securitisation provide high-level comparison of the similarities and differences between each. Discussion of the history of structured finance reveals how and why it was initially created -- and why it has been successful for the last 40 years, while the global context of each transaction is explored and dissected for a more complete understanding. Instruments within each type of transaction are examined in detail, including Credit Default Swaps and Credit Linked Notes, and a presentation on the Basel Accords provides regulatory context for implementation.

While the term "structured finance" is often taken to mean "securitisation," it is actually an umbrella term that covers several major types of transactions. This book disambiguates and defines structured finance transactions to provide essential knowledge of the field.

It could be argued that structured finance is the foundation of the global markets, and successful work within these markets requires a solid understanding of structured finance transactions, instruments, regulations and mechanisms. *Structured Finance* provides foundational knowledge and global perspective to facilitate a comprehensive understanding of this critical aspect of modern finance.

JANUARY 2021 350PP  
978-1-119-37110-6 PB \$50.00 (Japan)  
Finance & Investments Special Topics



## 食品科学

## Food Formulation

Novel Ingredients and Processing Techniques

EDITOR SHIVANI PATHANIA & EDITOR BRIJESH K. TIWARI

Manchester Metropolitan University, UK

### Reviews innovative processing techniques and recent developments in food formulation, identification, and utilization of functional ingredients

*Food Formulation: Novel Ingredients and Processing Techniques* is a comprehensive and up-to-date account of novel food ingredients and new processing techniques used in advanced commercial food formulations. This unique volume will help students and industry professionals alike in understanding the current trends, emerging technologies, and their impact on the food formulation techniques. Contributions from leading academic and industrial experts provide readers with informed and relevant insights on using the latest technologies and production processes for new product development and reformulations.

The text first describes the basis of a food formulation, including smart protein and starch ingredients, healthy ingredients such as salt and sugar replacers, and interactions within the food components. Emphasizing operational principles, the book reviews state-of-the-art 3D printing technology, encapsulation and a range of emerging technologies including high pressure, pulsed electric field, ultrasound and supercritical fluid extraction. The final chapters discuss recent developments and trends in food formulation, from foods that target allergies and intolerance, to prebiotic and probiotic food formulation designed to improve gut health.

*Food Formulation: Novel Ingredients and Processing Techniques* is an invaluable resource for students, educators, researchers, food technologists, and professionals, engineers and scientists across the food industry.

SERIES: IFST ADVANCES IN FOOD SCIENCE

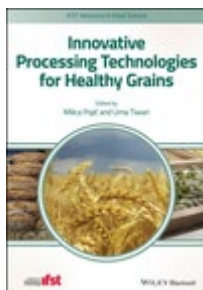
JANUARY 2021 332PP  
978-1-119-61474-6 CL \$180.00 (Japan)  
Food Processing, Production & Manufacture

## コンシューマーヘルス

## Innovative Processing Technologies for Healthy Grains

MILICA POJIC & UMA TIWARI

Interest in cereals and other healthy grains has increased considerably in recent years, driving the cereal processing industry to develop new processing technologies that meet consumer demands for sustainable and nutritious cereal products. *Innovative Processing Technologies for Healthy Grains* is the first dedicated reference to focus on advances in cereal processing and bio-refinery of cereals and pseudocereals, presenting a broad overview of all aspects of both conventional and novel processing techniques and methods.



Featuring contributions from leading researchers and academics, this unique volume examines the selection and characteristics of raw ingredients, new and emerging processing technologies, novel cereal-based products, and global trends in cereal and pseudocereal use, processing and consumption. The text offers balanced coverage of advances in both the development and processing of cereal and pseudocereal products, exploring topics including gluten-free products, cereal-based animal feed, health and wellness trends in healthy grain consumption, bioaccessibility and bioavailability of nutritional compounds, gluten-free products, and the environmental impact of processed healthy grains.

*Innovative Processing Technologies for Healthy Grains* is an essential resource for food scientists, technologists, researchers, and other professionals working in the grain industry, and academics and advanced students of food technology and food science.

SERIES: IFST ADVANCES IN FOOD SCIENCE

JANUARY 2021 256PP  
978-1-119-47016-8 CL \$155.00 (Japan)  
Bakery & Cereals

## How to Promote Wellbeing

Practical Steps for Healthcare Practitioners' Mental Health

RACHEL K. THOMAS

South Thames Foundation programme, Croydon Hospital, London

*How to Promote Wellbeing* is a timely resource designed to help all healthcare practitioners promote and protect their own and their patients' wellbeing and mental health. Focusing on practical strategies and guidance, this much-needed book explores approaches for reducing burnout, managing stress, coping with pressure in healthcare settings, recognising signs of impaired decision-making, and much more.

Written specifically for busy healthcare practitioners, the book offers focused and succinct chapters on topics ranging from behaviours to improve resilience and mindfulness, to approaches for maintaining work-life balance when confronted with excessive workloads and organisational pressures. Throughout the text, evidence-based tools and techniques are provided to improve the practitioner's health and facilitate the delivery of high-quality care. Covering a wide range of clinical situations and important issues, this book:

- Examines global, organisational, and individual problem factors affecting mental health and wellbeing
- Discusses the impacts of chronic stress, burnout, technological and environmental factors, work-associated trauma, and sources of wellbeing strain
- Identifies factors that negatively affect patients' wellbeing in hospital, clinic, and outpatient settings
- Offers guidance for emergencies and available resources for those in personal crisis
- Includes a mental health and wellbeing toolkit, including assessments and strategies

*How to Promote Wellbeing* is indispensable reading for doctors, nurses, dentists, therapists, counsellors, and other clinicians and health professionals.

SERIES: HOW TO

JANUARY 2021 168PP  
978-1-119-61436-4 PB \$39.95 (Japan)  
Mental Health

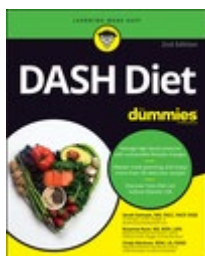
## DASH Diet For Dummies

2nd Edition

ROSANNE RUST, CYNTHIA KLECKNER & SARAH SAMAAN

**Get on track to lower your blood pressure in just two weeks!**

Almost half of all adults in the United States have high blood pressure--but many of us are not aware of it. High blood pressure, also known as hypertension, has serious health implications. It is classified as a leading cause of premature death by the World Health Organization, contributing to strokes, heart attacks, heart failure, kidney failure, and even dementia. While medications are often necessary to keep blood pressure in the safe zone, a judicious dietary and lifestyle overhaul will greatly help manage your blood pressure and your overall heart health.



Written in an easy-to-follow, friendly style by three heart and nutrition experts, *DASH Diet For Dummies* shows you how increasing fiber, vitamins, and minerals, along with reducing your sodium intake when needed, can lower your blood pressure in just two weeks! Ranked the #1 Best Diet for Healthy Eating as well as #2 Best Diets Overall by *U.S. News & World Report*, the DASH Diet is specifically aimed at relieving hypertension and is endorsed by the American Heart Association, The National Heart, Blood, and Lung Institute, and the Mayo Clinic--and is also proven to be effective against conditions such as Type 2 diabetes, metabolic syndrome, PCOS, and more.

- Improve heart health with lower blood pressure
- Reduce cholesterol
- Lose weight
- Follow simple, tasty recipes

So, don't let hypertension scare you. Along with good medical care, the DASH diet makes lowering your blood pressure achievable --and tasty! By following the straightforward meal plans and trying out our favorite recipes in *DASH Diet For Dummies*, you'll set yourself on the fast, proven journey to better blood pressure--and be on your way to a healthy and heart-smart future!

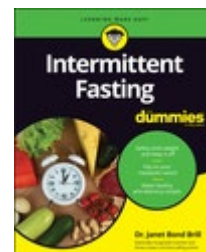
JANUARY 2021 368PP  
978-1-119-74079-7 PB \$22.99 (Japan)  
HEALTH, DIET & NUTRITION

## Intermittent Fasting For Dummies

JANET BOND BRILL

**You CAN do this! Intermittent fasting made easy.**

So, you want to begin an intermittent fasting plan and embark on a leaner, healthier and longer life? You probably have already heard about this wildly popular health and fitness diet plan. Intermittent fasting continues to be one of the top google trending diet searches of the year. If you are ready to get on the intermittent fasting bandwagon, then here is the perfect detailed guide to following an intermittent fasting plan of your choice. There are several variations of intermittent fasting, each one is outlined in a step-by-step plan for you to follow. Remember, you choose the style that works best for your lifestyle.



The science is in--intermittent fasting has extraordinary health benefits. Intermittent fasting is the key that unlocks everything from sustainable weight and fat loss (especially that stubborn belly fat) to increased mental clarity and a serious boost in energy. Simply by consuming all of your food within a designated time period, you can ramp up your metabolism, reduce the risk of disease, and supercharge your workout or diet programs. No tedious calorie counting, weighing, measuring, or denying yourself your favorite foods. Too good to be true? No, but the trick--as with everything--is *doing it in a safe and effective way* and *Intermittent Fasting For Dummies* makes that easy, providing five of the most popular methods and 50+ recipes that will suit any lifestyle or diet.

Nutrition and fitness expert--and internationally recognized specialist in disease prevention--Janet Bond Brill shows you how to choose the method that suits you best, as well as guiding you through the science behind intermittent fasting, including how it ignites your fat-burning potential, promotes cellular repair, increases the production of growth hormones, and reduces insulin and blood sugar levels.

Wherever you are in your health journey--seeking weight loss or maintaining to promote disease prevention or build muscle--*Intermittent Fasting For Dummies* shows you how to make the science of "too good to be true" into a truly effective part of your regular, healthy routine.

JANUARY 2021 320PP  
978-1-119-72409-4 PB \$24.99 (Japan)  
Health, Diet & Nutrition

## 歴史

**What is Early Modern History?**

MERRY WIESNER-HANKS

University of Wisconsin-Milwaukee

READERSHIP: Primarily undergraduate students, but also graduate students and the interested public.



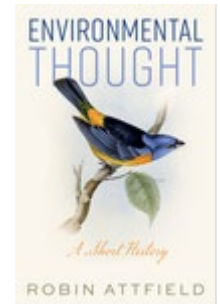
JANUARY 2021 160PP  
978-1-5095-4056-3 CL \$64.95 (Japan)  
978-1-5095-4057-0 PB \$22.95 (Japan)  
Early Modern History (1500-1780)

**Environmental Thought****A Short History**

ROBIN ATTFIELD

Cardiff University

READERSHIP: Students and scholars of environmental studies, geography, politics, environmental philosophy/ethics, history, history of ideas, religious studies and theology.



JANUARY 2021 268PP  
978-1-5095-3665-8 CL \$69.95 (Japan)  
978-1-5095-3666-5 PB \$26.95 (Japan)  
History Special Topics

## ライフスタイル

## Ukulele For Dummies

3rd Edition

ALISTAIR WOOD

## Strum a tune on your ukulele--no Hawaiian shirt required!

Picture it now: the sun sets over the shimmering sea, and, as the beach bar falls quiet, you begin strumming Queen Liliuokalani's "Aloha Æ~Oe" to a mesmerized crowd. ... Okay, while this doesn't happen every day for ukulele-players, you'll still have a lot of fun learning your favorite tunes on your ukulele. Widely associated with Hawaiian music, the ukulele has exploded in popularity in recent years as kids and adults alike have started their music education with a uke or added it to their collection of instruments.

Learning to play this versatile instrument is made easier for the experience and inexperienced alike with this new edition of *Ukulele For Dummies*. Following its straightforward instructions, you'll pick your way from the basics of purchasing your ukulele and accessories to confidently strumming through simple chord progressions and jamming through various styles and standards, including pop, folk, and those much-loved holiday favorites. Aloha, Santa Claus!

- Buy the right ukulele for you
- Perfect your pick and fret
- Practice with downloadable audio
- Get the best ukulele apps

Whatever you want from your ukulele adventure--strumming on the beach or adding its island style to your distinctive new pop sound--*Ukulele For Dummies* will have you making a big splash with this tiny instrument in aloha no time at all!

JANUARY 2021 336PP  
978-1-119-73660-8 PB \$24.99 (Japan)  
MUSIC



## Bread Making For Dummies

WENDY JO PETERSON

- More than 85 recipes from around the globe
- Tips, tricks, and secrets to bake sourdough or yeast breads
- Healthier breads baked with rye and whole-grain flours



## Can't you just smell that fresh-baked bread?

When the pandemic upended our world early in 2020, people facing isolation and boredom were hungry for ways to keep busy, feel productive, and try something new with their extra time. Bread making fills the bill! Whether it's the therapeutic action of kneading dough, introducing your kids to the science of yeast, or savoring the aroma of fresh bread, this wholesome hobby checks every box. Here are more than 85 delectable recipes and easy directions for everything from basic yeast bread to classic sourdough to challah and focaccia. Yum!

## Inside...

- Understanding the simple science of bread
- Shaping your bread
- Identifying the ingredients and tools you'll need
- Making it sweet
- Baking stuffed breads that make a meal
- Adding a boost of nutrition to bread

JANUARY 2021 362PP  
978-1-119-75809-9 PB \$22.99 (Japan)  
Cooking

## 言語学

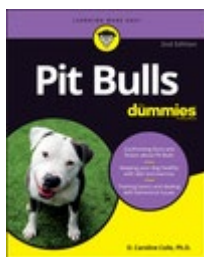
**Pit Bulls For Dummies**

2nd Edition

D. CAROLINE COILE

**The good, the bad, and the snugly about your new best friend**

No breed of dog is the subject of more extreme feelings--both good and bad--than the Pit Bull. Man-eating monster or heroic nanny-dog: What's the real story? Are Pit Bulls the very best breed for kids? (Not always.) Is it all in how you raise them? (Not totally). Will they lick you to death? (Absolutely!)



In the fully updated 2nd Edition of *Pit Bulls For Dummies*, Dr. Caroline Coile--Dog Writer's Association of America Hall of Famer and former Pit Bull owner--sniffs out the reality behind the myth, rips through the dogma that both vilifies and sanctifies this unique family of dogs, helps you find the best source for your new family member, and shows you the latest and greatest ways to raise, train, and live with your own partying Pit Bull and reap the rewards of happy canine companionship for years to come.

Understand your Pit Bull's origins and characteristics

- Decide if a Pit Bull is for you
- Evaluate Pit Bull sources, whether adopting, rescuing, or buying
- Care for all ages, from puppies to older dogs
- Deal with bad behavior
- Socialize your new dog

Follow the advice in this book and help show the world that well-brought-up Pit Bulls are some of the most charming, companionable, and fun-to-be-around dogs out there--enjoy!

JANUARY 2021 UnknownPP  
978-1-119-72090-4 PB \$24.99 (Japan)  
PET CARE / DOGS

**The Handbook of Speech Perception**

2nd Edition

LYNNE C. NYGAARD, JENNIFER S PARDO, DAVID PISONI &amp; ROBERT REMEZ

Indiana University; Barnard College

SERIES: BLACKWELL HANDBOOKS IN LINGUISTICS

JANUARY 2021 764PP  
978-1-119-18408-9 CL \$395.00 (Japan)  
SPEECH SCIENCE



## ライフサイエンス

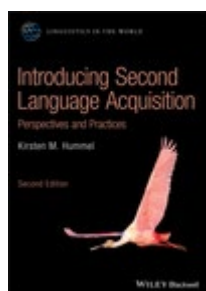
**Introducing Second Language Acquisition**

Perspectives and Practices, 2nd Edition

KIRSTEN M. HUMMEL / Laval University, Canada

**An up-to-date overview of second language acquisition, designed to engage 21<sup>st</sup>-century learners**

*Introducing Second Language Acquisition: Perspectives and Practices* provides a clear and comprehensive introduction to the main concepts, issues, and debates in second language acquisition studies. This introductory textbook is aimed specifically at students encountering the topic for the first time. Each chapter offers a modern layout with engaging pedagogical features such as self-assessment and discussion questions, project ideas, and further reading and viewing suggestions.



The second edition of *Introducing Second Language Acquisition: Perspectives and Practices* has been fully updated to reflect the most recent scholarship in the field. It introduces a new structure, featuring separate chapters on theoretical perspectives which cover past and present approaches as well as cognitive approaches. New content also includes sections on skill acquisition theory, translanguaging, second language literacy development, and multilingualism.

Written in accessible language and with a focus on practical applications, this go-to textbook is a clear and concise introduction to second language acquisition studies, offering lessons drawn from the latest leading research. It is an ideal resource for students in applied linguistics and second language education. With a strong focus on the fundamentals, this second edition of *Introducing Second Language Acquisition* stands as an innovative guide. This book is ideal for today's undergraduate students, offering a practical focus and appealing format that will aid in learning and provide a solid foundation for further study.

SERIES: LINGUISTICS IN THE WORLD

JANUARY 2021 UnknownPP  
978-1-119-55413-4 PB \$44.95 (Japan)  
SECOND LANGUAGE ACQUISITION

**An Introduction to Molecular Biotechnology**

Fundamentals, Methods and Applications

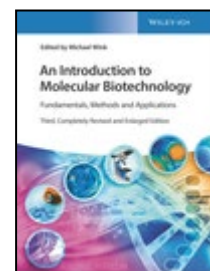
3rd Edition

MICHAEL WINK

Universitat Heidelberg

Completely updated in line with the rapid progress made in the field, this new edition of the highly-praised textbook addresses powerful new methods and concepts in biotechnology, such as genome editing, reprogrammed stem cells, and personalized medicine. An introduction to the fundamentals in molecular and cell biology is followed by a description of standard techniques, including purification and analysis of biomolecules, cloning techniques, gene expression systems, genome editing methods, labeling of proteins and in situ-techniques, standard and high resolution microscopy. The third part focuses on key areas in research and application, ranging from functional genomics, proteomics and bioinformatics to drug targeting, recombinant antibodies and systems biology. The final part looks at the biotechnology industry, explaining intellectual property issues, legal frameworks for pharmaceutical products and the interplay between start-up and larger companies. The contents are beautifully illustrated throughout, with hundreds of full color diagrams and photographs.

Provides students and professionals in life sciences, pharmacy and biochemistry with everything they need to know about molecular biotechnology.



JANUARY 2021 556PP  
978-3-527-34414-7 PB \$102.23 (Japan)  
BIOTECHNOLOGY (LIFE SCIENCES)



## Phytomicrobiome Interactions and Sustainable Agriculture

AMIT VERMA, JITENDRA KUMAR SAINI, HARIKESH BAHADUR SINGH & ABD EL-LATIF HESHAM

*Phytomicrobiome Interactions and Sustainable Agriculture*, will look at our understanding of the importance of "Phytomicrobiome" and explore its components, which provide plant development benefits, including nutrient availability, amelioration of stress, and defence to plant disease. This book will cover concepts of phytomicrobiome in the following four sections:

1. Phytomicrobiome concept
2. "Omics" in phytomicrobiome studies
3. Phytomicrobiome and climate change
4. Phytomicrobiome engineering for sustainable agriculture

The book will introduce and classify the corresponding Phytomicrobiome components and then present a detailed discussion related to its effect on plant development, controlling factors of this biome, its behaviour under climate change condition and beneficial effects. This book will also cover the new emerging technical concept of Phytomicrobiome engineering, which is an advanced concept to sustain agricultural productivity in recent climatic scenario. Hence, this book will provide instant access to comprehensive, cutting edge data, making it possible for plant scientists, and researchers to utilize this ever-growing wealth of information.

JANUARY 2021 324PP  
978-1-119-64462-0 CL \$199.99 (Japan)  
Molecular Microbiology

## Population Genetics

2nd Edition

MATTHEW HAMILTON

- A concise introduction to the concepts and applications of population genetics, from first principles to basic software modeling problems
- New end of chapter problem sets which include numerical problems, conceptual problems, applications using published data, and exercises that utilize simulation software
- New within chapter interact boxes that focus on the application of text content to published data
- Updated chapters with new content on the fixation index, gametic disequilibrium, population assignment methods, metapopulation extinction and recolonization, and recombination in the coalescent model

### READERSHIP:

Primary Market: Advanced undergraduates in biology or genetics, to expand their knowledge in population and evolutionary biology. Also first year graduate students in ecology, evolutionary biology, and agricultural genetics. Secondary Market: Advanced undergraduates and first year graduate students in molecular biology and population-oriented medical genetics

JANUARY 2021 496PP  
978-1-118-43694-3 CL \$99.99 (Japan)  
HUMAN GENETICS

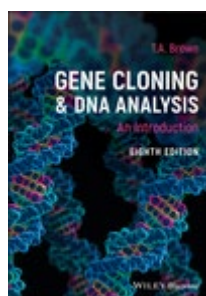
## メディカル・サイエンス

**Gene Cloning and DNA Analysis**

An Introduction

TERRY BROWN

Known worldwide as the standard introductory text to this important and exciting area of study, *Gene Cloning and DNA Analysis: An Introduction, 8th Edition* preserves the tradition of excellence created by previous editions. Comprehensive and authoritative, the book explores all of the topics crucial to an understanding of gene cloning in an approachable way. An easy-to-follow and user-friendly layout is presented in full-color throughout the volume, making it simple to absorb the clear and accessible material contained within.



*Gene Cloning and DNA Analysis: An Introduction, 8th Edition* contains updated and extended coverage of gene editing strategies like CRISPR/Cas, rewritten chapters on DNA sequencing and genome studies, as well as new material on real-time PCR and typing of human disease mutations. Over 250 full-color illustrations are included to bring to life the comprehensive content. The book also covers topics like:

- The strategies used by researchers and industry practitioners to assemble genome sequences
- Next generation sequencing methods and descriptions of their applications in studying genomes and transcriptomes
- Includes the use and application of gene editing strategies
- Interbreeding between Neanderthals and Homo Sapiens

*Gene Cloning and DNA Analysis: An Introduction, 8th Edition* is an invaluable introductory text for students in classes like genetics and genomics, molecular biology, biochemistry, immunology, and applied biology. It also belongs on the bookshelves of every professional who desires to improve their understanding of the basics of gene cloning or DNA analysis.

JANUARY 2021 432PP  
978-1-119-64078-3 PB \$70.00 (Japan)  
MOLECULAR GENETICS

**Medical Statistics**

A Textbook for the Health Sciences

5th Edition

STEPHEN J. WALTERS, MICHAEL J. CAMPBELL, UNITED KINGDOM  
& DAVID MACHIN, UNITED KINGDOM

University of Sheffield, UK; University of Southampton;  
Medical Research Council Cancer Trials Office, Cambridge

The 5<sup>th</sup> edition of this popular introduction to statistics for the medical and health sciences has undergone a significant revision, with several new chapters added and examples refreshed throughout the book. Yet it retains its central philosophy to explain medical statistics with as little technical detail as possible, making it accessible to a wide audience. Helpful multi-choice exercises are included at the end of each chapter, with answers provided at the end of the book. Each analysis technique is carefully explained and the mathematics kept to minimum. Written in a style suitable for statisticians and clinicians alike, this edition features many real and original examples, taken from the authors' combined many years' experience of designing and analysing clinical trials and teaching statistics. Students of the health sciences, such as medicine, nursing, dentistry, physiotherapy, occupational therapy, and radiography should find the book useful, with examples relevant to their disciplines. The aim of training courses in medical statistics pertinent to these areas is not to turn the students into medical statisticians but rather to help them interpret the published scientific literature and appreciate how to design studies and analyse data arising from their own projects. However, the reader who is about to design their own study and collect, analyse and report on their own data will benefit from a clearly written book on the subject which provides practical guidance to such issues.



JANUARY 2021 424PP  
978-1-119-42364-5 PB \$45.00 (Japan)  
MEDICAL STATISTICS & EPIDEMIOLOGY

## Understanding Clinical Papers

4th Edition

DAVID BOWERS, UNITED KINGDOM, ALLAN HOUSE, UNITED KINGDOM, DAVID OWENS, UNITED KINGDOM & BRIDGETTE BEWICK

The Nuffield Institute of Health, University of Leeds and Leeds General Infirmary, UK; School of Medicine, University of Leeds, UK; School of Medicine, University of Leeds, UK; ?School of Medicine, University of Leeds, UK

*Understanding Clinical Papers* is a popular and well established introduction to reading clinical papers. It unravels the process of evidence-based practice, using real papers to illustrate how to understand and evaluate published research, and it goes on to provide explanations of important research-related topics.



JANUARY 2021 288PP  
978-1-119-57316-6 PB \$55.00 (Japan)  
MEDICAL STATISTICS & EPIDEMIOLOGY

## Immunology

A Short Course, 8th Edition

RICHARD COICO

City University of New York Medical School, New York

*Immunology: A Short Course* provides an overview of the physiology of the immune system and the pathophysiology of a broad range of immune-mediated diseases, offering accessible and comprehensive guidance to the basic concepts and clinical approaches in the discipline.



Now in its eighth edition, this bestselling textbook has been fully updated to reflect our expanded knowledge of how the immune system develops and functions, and the ways in which these physiological phenomena can fail or be compromised. New chapters examine cells and organs of the immune system, organization and expression of lymphocyte antigen receptor genes, experimental systems and methods, and B- and T-cell development activation. Helping students gain an integrated understanding of immunology, this textbook:

- Offers substantial new and revised material, expanded clinical coverage, enhanced pedagogical features, and updated figures, tables, and references
- Features recent research advances and therapeutic successes in the field of immunology
- Includes a companion website containing multiple choice questions, electronic flashcards, downloadable figures, PowerPoint slides, and sample cases
- Can be supplemented with the *Clinical Cases in Immunology* companion book

The eighth edition of *Immunology: A Short Course* is an ideal resource for life and health science students, dental and nursing students seeking a short course text, and basic scientists and clinical researchers looking to refresh their knowledge in the subject.

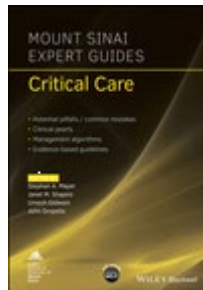
JANUARY 2021 418PP  
978-1-119-55157-7 PB \$75.00 (Japan)  
IMMUNOLOGY

## Mount Sinai Expert Guides

### Critical Care

EDITOR STEPHAN A. MAYER, EDITOR JANET M. SHAPIRO, EDITOR  
UMESH GIDWANI & EDITOR JOHN OROPELLO

Part of the Mount Sinai Expert Guide series, this outstanding book provides rapid-access, clinical information on all aspects of Critical Care with a focus on clinical diagnosis and effective patient management. With strong focus on the very best in multidisciplinary patient care, it is the ideal point of care consultation tool for the busy physician.



SERIES: MOUNT SINAI EXPERT GUIDES

JANUARY 2021 480PP  
978-1-119-29326-2 PB \$85.00 (Japan)  
Emergency Medicine & Trauma

## Surgical Management of Advanced Pelvic Cancers

EDITOR DESMOND WINTER & EDITOR MICHAEL E. KELLY

JANUARY 2021 272PP  
978-1-119-51840-2 CL \$170.00 (Japan)  
Gastroenterology & Hepatology

## Sarcopenia

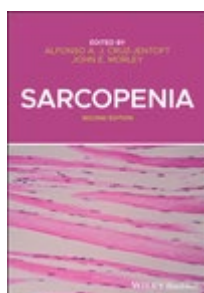
2nd Edition

EDITOR ALFONSO J. CRUZ-JENTOFT & EDITOR JOHN E. MORLEY

Saint Louis University School of Medicine and Saint Louis Veterans' Affairs Medical Center, St. Louis, MO, USA

**An in-depth examination of sarcopenia's underexplored yet widespread impact within the field of gerontology**

Sarcopenia is common in older men and women, and yet awareness of its clinical relevance is still relatively low. Only formally included in the International Classification of Diseases in 2016, the condition may impact societies with serious health-related and financial consequences unless consistent, effective methods of identification and management are adopted.



This second edition of *Sarcopenia* provides geriatricians and other healthcare professionals with a revised and expanded examination of this understudied and underdiagnosed condition. Edited by two leading authorities on the subject, it covers the epidemiology and diagnosis of sarcopenia, as well as treatment options and possible prevention strategies. Eight newly written chapters build upon existing knowledge with fresh data on topics including sarcopenia's biomarkers and its impact on the healthcare economy. This important text:

- Defines sarcopenia and explains its clinical relevance
- Covers all recent scientific evidence
- Outlines treatment options
- Considers prevention strategies
- Discusses sarcopenia as a public health priority
- Features eight new chapters covering topics such as sarcopenia's clinical management, its biomarkers, and its financial impact

Containing vital information for clinicians and other professionals working in geriatric care, nursing homes, nutrition, cancer, endocrinology, surgery, sports medicine and many other specialties, *Sarcopenia*, second edition, is a groundbreaking and essential new resource.

JANUARY 2021 384PP  
978-1-119-59787-2 CL \$165.00 (Japan)  
GERIATRIC MEDICINE

## Protocols for High-Risk Pregnancies

An Evidence-Based Approach, 7th Edition

EDITOR JOHN T. QUEENAN, EDITOR CATHERINE Y. SPONG & EDITOR CHARLES J. LOCKWOOD

Professor and Chairperson, Department of Obstetrics and Gynecology, Georgetown University School of Medicine, Washington DC ; Yale University

JANUARY 2021 640PP  
978-1-119-63526-0 PB \$124.95 (Japan)  
OBSTETRICS & GYNECOLOGY

## Paediatric Handbook

10th Edition

EDITOR KATE HARDING, EDITOR DANIEL S MASON & EDITOR  
DARYL EFRON

The Royal Children's Hospital Melbourne *Paediatric Handbook* is a trusted guide to managing common and serious childhood illnesses and disorders. This bestselling resource provides students and practitioners across medical, nursing, and allied health fields with authoritative and up-to-date information on a comprehensive range of paediatric topics, enabling readers to make the appropriate decisions at the point of care.



Now in its tenth edition, the Handbook features clear illustrations and evidence-based diagnostic and management algorithms throughout, covering resuscitation and medical emergencies, prescribing and therapeutics, medicine, surgery, procedures, and much more.

- Contains accessible summaries of common and serious paediatric illnesses and disorders
- Aligns with latest clinical practice guidelines
- Features numerous full-colour photos, illustrations, diagrams, and clinical images
- Provides practical guidance on professional ethics and communication in paediatric consultations
- Includes updated information on refugee health and trans and gender diverse health

*Paediatric Handbook* is an invaluable reference for medical practitioners, nurses and allied health professionals, as well as students and trainees.

JANUARY 2021 608PP  
978-1-119-64707-2 PB \$50.00 (Japan)  
PEDIATRICS

## Promoting Physical Activity in Childhood-Onset Disabilities

DÉSIRÉE B MALTAIS & REIDUN JAHNSEN

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



SERIES: PRACTICAL GUIDES FROM MAC KEITH PRESS

JANUARY 2021 244PP  
978-1-911612-12-4 PB \$50.00 (Japan)  
Physical Rehabilitation



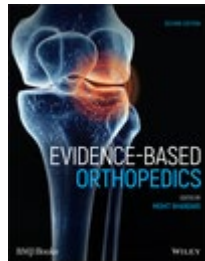
## Evidence-Based Orthopedics

2nd Edition

MOHIT BHANDARI

McMaster University, Hamilton, Ontario

Surgical orthopedic procedures such as hip replacements, arthroscopy or knee replacements are surrounded by pre- and post-operative complications, and there are varying different methods for the procedures themselves. This book brings together the best evidence for treatments as well as any complications. Not only does it cover the evidence base for orthopedic surgery, but also orthopedic conditions requiring medical treatment, and pediatric orthopedics. Using the approved EBM methodology, and edited by teachers of evidence-based medicine this EBM textbook is an essential resource for all orthopedic specialists and trainees.



SERIES: EVIDENCE-BASED MEDICINE

JANUARY 2021 1216PP  
978-1-119-41400-1 CL \$299.95 (Japan)  
ORTHOPEDICS

## 機械工学

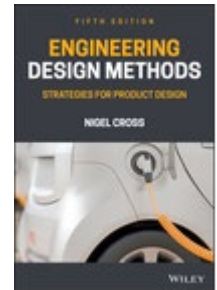
## Engineering Design Methods

Strategies for Product Design, 5th Edition

NIGEL CROSS / The Open University

**A revised text that presents specific design methods within an overall strategy from concept to detail design**

The fifth edition of *Engineering Design Methods* is an improved and updated version of this very successful, classic text on engineering product design. It provides an overview of design activities and processes, detailed descriptions and examples of how to use key design methods, and outlines design project strategies and management techniques. Written by a noted expert on the topic, the new edition contains an enriched variety of examples and case studies, and up to date material on design thinking and the development of design expertise.



This new edition opens with a compelling original case study of a revolutionary new city-car design by ex-Formula One designer Gordon Murray. The study illustrates the complete development of a novel design and brings to life the process of design, from concept through to prototype. The core of the book presents detailed instructions and examples for using design methods throughout the design process, ranging from identifying new product opportunities, through establishing functions and setting requirements, to generating, evaluating and improving alternative designs. This important book:

- Offers a revised and updated edition of an established, successful text on understanding the design process and using design methods
- Includes new material on design thinking and design ability and new examples of the use of design methods
- Presents clear, detailed and illustrated presentations of eight key design methods in engineering product design

Written for undergraduates and postgraduates across all fields of engineering and product design, the fifth edition of *Engineering Design Methods* offers an updated, substantial, and reliable text on product design and innovation.

JANUARY 2021 240PP  
978-1-119-72437-7 PB \$58.25 (Japan)  
MECHANICAL ENGINEERING - DESIGN



## Vibration Assisted Machining

Theory, Modelling and Applications

DEHONG HUO, WANQUN CHEN & LI-RONG ZHENG

Newcastle University, UK; Harbin Institute of Technology

*Vibration Assisted Machining: Theory, Modelling and Applications* comprehensively covers all key aspects of vibration assisted machining such as cutting kinematics and dynamics, effect of workpiece materials and wear of cutting tools and applications. Case studies with detailed guidance on design, modelling and tests of VAM systems, and machining experiment method are included and state-of-the-art research development on cutting force modelling and surface texture generation is considered.

*Vibration Assisted Machining: Theory, Modelling and Applications* provides engineering students, researchers, and manufacturing engineers with the fundamentals of vibration assisted machining and methodologies for developing and implementing such technology to solve practical industry problems.

SERIES: WILEY-ASME PRESS SERIES

JANUARY 2021 225PP  
978-1-119-50635-5 CL \$140.00 (Japan)  
Solid Mechanics

## Vibrations of Linear Piezostructures

ANDREW J. KURDILA & PABLO A. TARAZAGA

University of Florida

*Vibrations of Linear Piezostructures* is a self-contained and introductory text providing a focused and concise account of the general theory of vibrations of linear piezostructures. While piezoelectric materials and sensors have been studied for decades, a person seeking a general introduction to the theory for modeling and analysis of this emerging class of sensors, actuators, and active systems currently must assimilate approaches from older outdated texts, journal or conference articles, edited volumes, highly specialized texts, or manuscripts that primarily treat other topics such as crystallography, tensor mathematics, continuum mechanics, or continuum electrodynamics. The book deals with the fundamental principals, starting with a review of mathematics, continuum mechanics and elasticity, and continuum electrodynamics as they are applied to electromechanical piezostructures. It continues by developing the work related to linear constitutive laws of piezoelectricity. Following this, it addresses modeling of linear piezostructures via Newton's approach and consequently via Variational Methods. And in the end it presents a general discussion of weak and strong forms of the equations of motion, Galerkin approximation methods for the weak form, Fourier or modal methods, and finite element methods.

SERIES: WILEY-ASME PRESS SERIES

JANUARY 2021 240PP  
978-1-119-39340-5 CL \$120.00 (Japan)  
Solid Mechanics

## 材料科学

## Foundations of Space Dynamics

ASHISH TEWARI

Indian Institute of Technology, Kanpur, India

Foundations of Space Dynamics offers an authoritative text that combines a comprehensive review of both orbital mechanics and dynamics. The author a noted expert on the topic covers up-to-date topics including: orbital perturbations, Lambert's transfer, formation flying, and gravity-gradient stabilization. The text provides an introduction to space dynamics in its entirety, including important analytical derivations and practical space flight examples. Written in an accessible and concise style, Foundations of Space Dynamics highlights analytical development and rigor, rather than numerical solutions via ready-made computer codes. To enhance learning, the book is filled with helpful tables, figures, exercises, and solved examples. This important book: Covers space dynamics with a systematic and comprehensive approach Designed to be a practical text filled with real-world examples Contains information on the most current applications Includes up-to-date topics from orbital perturbations to gravity-gradient stabilization Offers a deep understanding of space dynamics often lacking in other textbooks Written for undergraduate and graduate students and professionals in aerospace engineering, Foundations of Space Dynamics offers an introduction to the most current information on orbital mechanics and dynamics.



SERIES: AEROSPACE SERIES

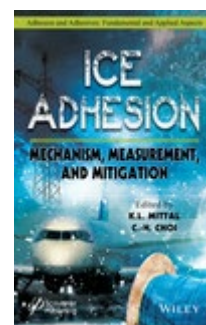
JANUARY 2021 300PP  
978-1-119-45534-9 PB \$99.95 (Japan)  
Aeronautic & Aerospace Engineering

## Ice Adhesion

Mechanism, Measurement, and Mitigation

EDITOR K. L. MITTAL &amp; EDITOR CHANG-HWAN CHOI

The book containing 18 chapters is divided into three parts: Part 1: Fundamentals of Ice Formation and Ice Characteristics; Part 2: Ice Adhesion and Its Measurement; and Part 3: Methods to Mitigate Ice Adhesion. The topics covered Include: Factors influencing the formation, adhesion and friction of ice; ice nucleation on solid surfaces; physics of ice nucleation and growth on a surface; condensation frosting; defrosting properties of structured surfaces; relationship between surface free energy and ice adhesion to surfaces; metrology of ice adhesion; test methods for quantifying ice adhesion strength to surfaces; interlaboratory studies of ice adhesion strength; mechanisms of surface icing and deicing technologies; anti-icing using microstructured surfaces; durability assessment of icephobic coatings; bio-inspired icephobic coatings; challenges in rational fabrication of icephobic surfaces; protection from ice accretion on aircraft; and numerical modeling and its application to inflight icing.



SERIES: ADHESION AND ADHESIVES: FUNDAMENTAL AND APPLIED ASPECTS

JANUARY 2021 704PP  
978-1-119-64037-0 CL \$249.00 (Japan)  
Joining, Welding and Adhesion

## Encyclopedia of Glass Science, Technology, History, and Culture

EDITOR PASCAL RICHEL

**A comprehensive and up-to-date encyclopedia to the fabrication, nature, properties, uses, and history of glass**

The *Encyclopedia of Glass Science, Technology, History, and Culture* has been designed to satisfy the needs and curiosity of a broad audience interested in the most varied aspects of material that is as old as the universe. As described in over 100 chapters and illustrated with 1100 figures, the practical importance of glass has increased over the ages since it was first man-made four millennia ago. The old-age glass vessels and window and stained glass now coexist with new high-tech products that include for example optical fibers, thin films, metallic, bioactive and hybrid organic-inorganic glasses, amorphous ices or all-solid-state batteries.

In the form of scholarly introductions, the Encyclopedia chapters have been written by 151 noted experts working in 23 countries. They present at a consistent level and in a self-consistent manner these industrial, technological, scientific, historical and cultural aspects. Addressing the most recent fundamental advances in glass science and technology, as well as rapidly developing topics such as extra-terrestrial or biogenic glasses, this important guide:

- Begins with industrial glassmaking
- Turns to glass structure and to physical, transport and chemical properties
- Deals with interactions with light, inorganic glass families and organically related glasses
- Considers a variety of environmental and energy issues
- And concludes with a long section on the history of glass as a material from Prehistory to modern glass science

The *Encyclopedia of Glass Science, Technology, History, and Culture* has been written not only for glass scientists and engineers in academia and industry, but also for material scientists as well as for art and industry historians. It represents a must-have, comprehensive guide to the myriad aspects this truly outstanding state of matter.

JANUARY 2021 1616PP  
978-1-118-79942-0 CL \$650.00 (Japan)  
Ceramics

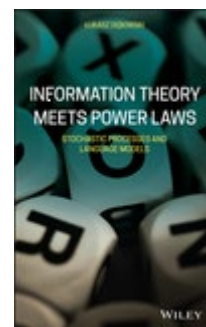
## Information Theory Meets Power Laws

Stochastic Processes and Language Models

LUKASZ DEBOWSKI

**Discover new theoretical connections between stochastic phenomena and the structure of natural language with this powerful volume!**

*Information Theory Meets Power Laws: Stochastic Processes and Language Models* presents readers with a novel subtype of a probabilistic approach to language, which is based on statistical laws of texts and their analysis by means of information theory. The distinguished author insightfully and rigorously examines the linguistic and mathematical subject matter while eschewing needlessly abstract and superfluous constructions.



The book begins with a less formal treatment of its subjects in the first chapter, introducing its concepts to readers without mathematical training and allowing those unfamiliar with linguistics to learn the book's motivations. Despite its inherent complexity, *Information Theory Meets Power Laws: Stochastic Processes and Language Models* is a surprisingly approachable treatment of idealized mathematical models of human language.

The author succeeds in developing some of the theory underlying fundamental stochastic and semantic phenomena, like strong nonergodicity, in a way that has not previously been seriously attempted.

Written primarily for mathematics graduate students and professionals interested in information theory or discrete stochastic processes, *Information Theory Meets Power Laws: Stochastic Processes and Language Models* also belongs on the bookshelves of doctoral students and researchers in artificial intelligence, computational and quantitative linguistics as well as physics of complex systems.

JANUARY 2021 400PP  
978-1-119-62527-8 CL \$115.00 (Japan)  
Theory, Modeling & Simulation

## ナースング

## Fundamentals of Person-Centred Healthcare Practice

EDITOR BRENDAN MCCORMACK, EDITOR TANYA MCCANCE,  
EDITOR CATHY BULLEY, EDITOR DONNA BROWN, EDITOR AILSA  
MCMILLAN & EDITOR SUZANNE MARTIN

University of Ulster

*Fundamentals of Person-Centred Healthcare Practice* presents evidence-based perspectives on a broad range of approaches to person-centred practice in healthcare. Featuring contributions from internationally recognised experts in the field, this valuable textbook helps students and staff across healthcare disciplines understand the essential concepts of person-centred practice in various health-related contexts. Using the Person-centred Practice Framework—an innovative theoretical model based on more than two decades of research and practice—students develop a strong understanding of the different components of person-centredness, their connections and interactions, and how they can be implemented to promote positive healthcare experiences for care providers, service-users, and families.



Recognising the dynamic and complex nature of person-centredness, the text emphasises the importance of a common language and a shared understanding of person-centred practice in all areas of healthcare, from hospital and social care systems, to mental health, learning disability, and rehabilitation services.

*Fundamentals of Person-Centred Healthcare Practice* is an indispensable resource for nursing and allied health professionals, and an important reference work for educators, facilitators, supervisors and healthcare practitioners.

SERIES: FUNDAMENTALS

JANUARY 2021 240PP  
978-1-119-53308-5 PB \$37.50 (Japan)  
Nursing General

## 哲学

## Resources of Christianity

FRANCOIS JULLIEN & TRANSLATED BY PEDRO RODRIGUEZ

Universit Paris-Diderot

READERSHIP: Students and scholars in philosophy, theology and religious studies, social theory, cultural theory and the humanities generally; anyone with an interest in Christianity and its relevance today

JANUARY 2021 130PP  
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978-1-5095-4696-1 PB \$12.95 (Japan)  
Continental Philosophy

## There Is No Such Thing as Cultural Identity

FRANCOIS JULLIEN & TRANSLATED BY PEDRO RODRIGUEZ

Universit Paris-Diderot


READERSHIP: Students and scholars in philosophy, sociology and the humanities generally; a wider readership with an interest in European culture and identity; followers of François Jullien

JANUARY 2021 100PP  
978-1-5095-4698-5 CL \$45.00 (Japan)  
978-1-5095-4699-2 PB \$12.95 (Japan)  
Continental Philosophy

## The International Encyclopedia of Ethics 2E 9 Volume Set

EDITOR HUGH LAFOLLETTE, ASSOCIATE EDITOR JOHN DEIGH,  
ASSOCIATE EDITOR SARAH STROUD & CONSULTING EDITOR EVA  
LAFOLLETTE

University of South Florida

JANUARY 2021 7040PP  
978-1-119-48887-3 CL \$1795.00 (Japan)   
ETHICS

## Correspondence

1939 - 1969

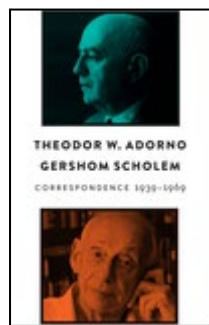
THEODOR W. ADORNO, GERSHOM SCHOLEM, TRANSLATOR  
SEBASTIAN TRUSKOLASKI, TRANSLATOR PAULA SCHWEBEL &  
EDITOR ASAF ANGERMANN

Frankfurt School

### READERSHIP:

Graduates and academics in sociology and social theory, cultural studies and cultural theory, literary theory, philosophy, theology and Jewish Studies; anyone interested in critical theory, 20th German culture and Judaism, Jewish mysticism and the Kabbalah.

theory, cultural studies and cultural theory, literary theory, philosophy, theology and Jewish Studies; anyone interested in critical theory, 20th C German culture and Judaism, Jewish mysticism and the Kabbalah.



JANUARY 2021 520PP  
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20th Century Philosophy

## This Is Epistemology

An Introduction

CLAYTON LITTLEJOHN

SERIES: THIS IS PHILOSOPHY

JANUARY 2021 UnknownPP  
978-1-118-33682-3 PB \$44.95 (Japan)  
Epistemology

## The Moral Powers

A Study of Human Nature

PETER M. HACKER

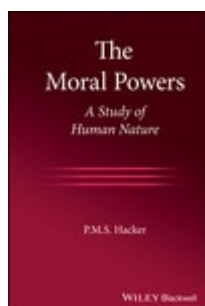
**A milestone in the study of value in human life and thought, written by one of the world's preeminent living philosophers**

*The Moral Powers: A Study of Human Nature* is a philosophical investigation of the moral potentialities and sensibilities of human beings, of the meaning of human life, and of the place of death in life. It is an essay in philosophical anthropology: the study of the conceptual framework in terms of which we think about, speak about, and investigate *homo sapiens* as a social and cultural animal. This volume examines the diversity of values in human life and the place of moral value within the varieties of values. Its subject is the nature of good and evil and our propensity to virtue and vice. Acting as the culmination of five decades of reflection on the philosophy of mind, epistemology, ethics, and human nature, this volume:

- Concludes Hacker's acclaimed Human Nature tetralogy: *Human Nature: The Categorical Framework*, *The Intellectual Powers: A Study of Human Nature*, and *The Passions: A Study of Human Nature*
- Discusses traditional ideas about ethical value and addresses misconceptions held by philosophers, psychologists, and cognitive neuroscientists

*The Moral Powers: A Study of Human Nature* is required reading philosophers of mind, ethicists, psychologists, cognitive neuroscientists, and any general reader wanting to understand the nature of value and the place of ethics in human lives.

JANUARY 2021 456PP  
978-1-119-65777-4 PB \$39.95 (Japan)  
Philosophy of Mind



## This is Philosophy of Religion

An Introduction

NEIL MANSON

Ole Miss University

SERIES: THIS IS PHILOSOPHY

JANUARY 2021 224PP 978-0-470-67428-4 PB \$34.95(Japan)  
Philosophy of Religion



## 政治学

**Migration and Political Theory**

GILLIAN BROCK

READERSHIP: Students and scholars of the political theory of migration, the political philosophy of migration, ethics of migration, global justice and similar.

SERIES: AND POLITICAL THEORY

JANUARY 2021 220PP  
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Political Philosophy & Theory

**Seven Essays on Populism**

For a Renewed Theoretical Perspective

PAULA BIGLIERI &amp; LUCIANA CADAHIA

READERSHIP: Students and scholars in politics, sociology, Latin American Studies and the social sciences more generally; general readers concerned about the rise of populism.

SERIES: CRITICAL SOUTH

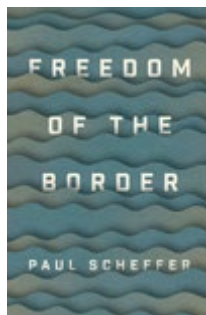
JANUARY 2021 208PP  
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978-1-5095-4221-5 PB \$22.95 (Japan)  
Political Philosophy & Theory

## Freedom of the Border

PAUL SCHEFFER & TRANSLATED BY LIZ WATERS

University of Amsterdam

READERSHIP: Students and scholars in sociology, politics and refugee and migration studies; interested general readers



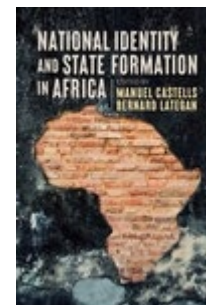
JANUARY 2021 230PP  
978-1-5095-4090-7 CL \$64.95 (Japan)  
978-1-5095-4091-4 PB \$22.95 (Japan)  
Modern Political Theory

## National Identity and State Formation in Africa

EDITOR MANUEL CASTELLS & EDITOR BERNARD LATEGAN

University of California, Berkeley

READERSHIP: Scholars and students in politics, sociology, African Studies, media and communication studies and the social sciences generally.



JANUARY 2021 240PP  
978-1-5095-4560-5 CL \$69.95 (Japan)  
978-1-5095-4561-2 PB \$26.95 (Japan)  
Political Science Special Topics

## 心理学

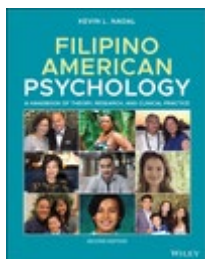
**Filipino American Psychology**

A Handbook of Theory, Research, and Clinical Practice, 2nd Edition

KEVIN L. NADAL, NEW YORK

John Jay College of Criminal Justice

*Filipino American Psychology 2* is a comprehensive book covering Filipino American mental health issues, it also describes mental health techniques and strategies for working with this population. The book can be used as a textbook for psychology, social sciences, or education classes; a referral guide for practitioners; and for general reading and knowledge about Filipino American history and experiences. Additionally, the book uses easy-to-read language, along with the usages of vignettes and case studies, which will allow the reader to gain personal insight about how various issues may manifest in personal, professional, and therapeutic settings.



JANUARY 2021 240PP  
978-1-119-67700-0 PB \$57.99 (Japan)  
DIVERSITY, CULTURE & ETHNICITY

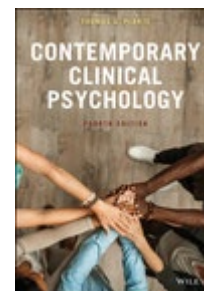
**Contemporary Clinical Psychology**

4th Edition

THOMAS G. PLANTE, MENLO PARK

Santa Clara University and Stanford University

From general knowledge and information to specific topics, including modes of research and areas of specialization, *Contemporary Clinical Psychology* presents a comprehensive and engaging view of the art and science of clinical psychology. Designed for upper-level undergraduates and first-year graduate students, it provides a frank and contemporary portrayal of the dynamic field of clinical psychology from many different perspectives and in many different settings. It provides a realistic survey of the field including its history, employment opportunities, major theoretical underpinnings, "how to" instruction for practice, and how to conduct and interpret research in the field. New to this edition, the text contains videos and interactive content for student engagement.



JANUARY 2021 624PP  
978-1-119-70631-1 PB \$114.95 (Japan)  
CLINICAL PSYCHOLOGY

## Learning the Language of Addiction Counseling

5th Edition

GERI MILLER / Appalachian State University, Boone, NC

Drawing from her years of experience working in the addiction-counseling field, Geri Miller provides an engaging, balanced overview of the major theoretical underpinnings and clinical practices in the field. From assessment and diagnosis of addiction to preparing for certification and licensure as an addiction professional, this comprehensive book covers all of the essentials.

Fully updated, the fifth edition offers a positive, practice-oriented counseling framework and features:

1. Accurate, timely, information about addictions in language that is easy to understand.
2. A new chapter (15) on supervision and mentoring since both supervisors/mentors and supervisees/mentees use this book in their training and licensure process.
3. Counseling information about working with addicts which is based on current information and research regarding influences (Integrated Health Care Movement), assessment (new DSM V coding based on the ICD-10), new assessment instruments and an expanded section on more frequently used instruments (such as the SBIRT) and treatments
4. Covers new medications, behavioral therapies, mindfulness therapy, the new framework of Motivational Interviewing, mutual-help groups, and emerging technologies.
5. Exposure to "grassroots language/culture" of 12 step groups that may not be familiar to clinicians, (in the self-help group chapter (Chapter 8)
6. Reader-friendly features including case studies, interactive exercises, end-of-chapter questions, and other resources that facilitate the integration of knowledge into practice7. To provide updated and expanded resources of readings, videos, and websites at the end of each chapter to be used in the classroom or clinical setting. This includes a new section in the chronic pain chapter (Chapter 11) on resources for treatment in terms of chiropractic medicine, massage, physical therapy, and acupuncture.

JANUARY 2021 592PP  
978-1-119-43303-3 PB \$75.00 (Japan)  
ADDICTIONS

## Desire and its Interpretation

The Seminar of Jacques Lacan, Book VI

JACQUES LACAN & TRANSLATOR BRUCE FINK

What does Lacan show us? He shows us that desire is not a biological function; that it is not correlated with a natural object; and that its object is fantasized. Because of this, desire is extravagant. It cannot be grasped by those who might try to master it. It plays tricks on them. Yet if it is not recognized, it produces symptoms. In psychoanalysis, the goal is to interpret--that is, to read--the message regarding desire that is harbored within the symptom. Although desire upsets us, it also inspires us to invent artifices that can serve us as a compass. An animal species has a single natural compass. Human beings, on the other hand, have multiple compasses: signifying montages and discourses. They tell you what to do: how to think, how to enjoy, and how to reproduce. Yet each person's fantasy remains irreducible to shared ideals. Up until recently, all of our compasses, no matter how varied, pointed in the same direction: toward the Father. We considered the patriarch to be an anthropological invariant. His decline accelerated owing to increasing equality, the growth of capitalism, and the ever-greater domination of technology. We have reached the end of the Father Age. Another discourse is in the process of taking the former's place. It champions innovation over tradition; networks over hierarchies; the draw of the future over the weight of the past; femininity over virility. Where there had previously been a fixed order, transformational flows constantly push back any and all limits. Freud was a product of the Father Age. He did a great deal to save it. The Catholic Church finally realized this. Lacan followed the way paved by Freud, but it led him to posit that the father is a symptom. He demonstrates that here using Hamlet as an example. What people have latched onto about Lacan's work--his formalization of the Oedipus complex and his emphasis on the Name-of-the-Father--was merely his point of departure. Seminar VI already revises this: the Oedipus complex is not the only solution to desire, it is merely a normalized form thereof; it is, moreover, a pathogenic form; it does not exhaustively explain desire's course. Hence the eulogy of perversion with which this seminar ends: Lacan views perversion here as a rebellion against the identifications that assure the maintenance of social routines.

JANUARY 2021 568PP  
978-1-5095-0028-4 PB \$26.95 (Japan)  
9781509500277 CL \$45.00 (Japan) Published, May 2019  
Psychoanalysis /

## **The Adult Psychotherapy Progress Notes Planner**

6th Edition

ARTHUR E. JONGSMA JR., TIMOTHY J. BRUCE, PEORIA, DAVID J. BERGHUIS, GRAND RAPIDS & KATHERINE PASTOOR

University of Illinois College of Medicine in Peoria, Illinois ;  
Psychological Consultants, Grand Rapids, Michigan

The Adult Psychotherapy Progress Notes Planner, Sixth Edition contains complete prewritten session and patient descriptions for each behavioral problem in the Complete Adult Psychotherapy Treatment Planner, Sixth Edition. The prewritten notes can be easily and quickly adapted to fit a particular client need or treatment situation.

SERIES: PRACTICEPLANNERS

JANUARY 2021 528PP  
978-1-119-69118-1 PB \$67.50 (Japan)  
PSYCHOTHERAPY & COUNSELING

## **The Complete Adult Psychotherapy Treatment Planner**

6th Edition

ARTHUR E. JONGSMA JR., L. MARK PETERSEN & TIMOTHY J. BRUCE, PEORIA

University of Illinois College of Medicine in Peoria, Illinois.

This Series helps clarify, simplify, and accelerate the treatment planning process so clinicians can spend less time on paperwork and more time with clients.

SERIES: PRACTICEPLANNERS

JANUARY 2021 592PP  
978-1-119-62993-1 PB \$70.00 (Japan)  
Psychotherapy & Counseling

## The Enduring Kiss

Seven Short Lessons on Love

MASSIMO RECALCATI & TRANSLATED BY ALICE KILGARRIFF

READERSHIP: A wide general readership interested in the nature of love and relationships in modern societies

JANUARY 2021 120PP  
978-1-5095-4248-2 CL \$64.95 (Japan)  
978-1-5095-4249-9 PB \$19.95 (Japan)  
Psychology

## ポリマーサイエンス

## Handbook of Plastics Testing and Failure Analysis

4th Edition

VISHU SHAH

Written in easy-to-read and -use format, this book provides a strong training resource and reference for product designers using plastics in their products -- helping them identify, quantify, and confirm whether problems are related to product design or process.



- \* Updates coverage of data analysis techniques and examples and expands coverage of failure analysis, key because of increased litigation related to product liability
- \* Overviews plastic testing methods and the framework to investigate causes of plastic part failure
- \* Provides a strong training resource and reference for product designers using plastics in their products
- \* Features a video tour of a plastics testing plant on a companion website and has a separate manual of problems and solutions that are appropriate for college professors using the book as a class textbook

JANUARY 2021 496PP  
978-1-118-71711-0 CL \$145.00 (Japan)  
POLYMER PROCESSING

## 宗教

**Islamicate Cosmopolitan**

Myth or Movement

BRUCE LAWRENCE

READERSHIP: This is a book aimed at the educated general reader (particularly in North America) but, as one of the reviewers points out, it could also find a place on some mid-level undergraduate courses on the Muslim World or Islam Today.

SERIES: WILEY-BLACKWELL MANIFESTOS

JANUARY 2021 224PP  
978-1-4051-5514-4 PB \$19.95 (Japan)  
Islam

**The Hebrew Bible**

A Contemporary Introduction to the Christian Old Testament and Jewish Tanakh, 2nd Edition

DAVID M. CARR

Union Theological Seminary, New York, USA

This fully revised edition provides a brief, up-to-date introduction to the Hebrew/Bible Old Testament placed in a broader context of world history. It tells a story of the emergence of the Bible, organizing coverage of Biblical books along a historical framework. The major scenes of the story are the various empires that shaped the Hebrew Bible: Mesopotamian and Egyptian, Assyrian, Babylonian, Persian, and Hellenistic. It also shows ways that the Bible was interpreted quite differently by Jews and Christians in later historical contexts, as each community used the same traditions to guide and make sense of their lives. And it introduces the reader to a multiplicity of scholarly methods used to explore the formation of the Hebrew Bible and its subsequent interpretation.

JANUARY 2021 352PP  
978-1-119-63667-0 PB \$44.95 (Japan)  
OLD TESTAMENT

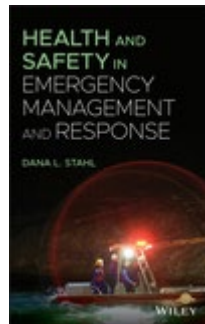


## 社会学

## Health and Safety in Emergency Management and Response

DANA L. STAHL

This book familiarizes personnel serving as Emergency Managers, Safety Officers, Assistant Safety Officers, and in other safety-relevant Incident Command System (ICS) roles with physical and psychosocial hazards and stressors that may impact the health and safety of workers and responders in an All-Hazards Response, and ways to minimize exposure. This book provides knowledge on regulations and worker safety practices to the Safety Officer with an emergency responder background, and provides the tools for the Safety Officer with an industrial hygiene or safety professional background that help them be successful in this role. In order to work together effectively, it is important that anyone responding to an emergency be familiar with all standards and protocols.



JANUARY 2021 480PP  
978-1-119-56097-5 CL \$125.00 (Japan)  
Emergency Management

## The Age of Fitness

How the Body Came to Symbolize Success and Achievement

JURGEN MARTSCHUKAT & TRANSLATED  
BY ALEX SKINNER

READERSHIP: Students and scholars in sociology, history, and sport and sport science; general readers with an interest in sports and fitness



JANUARY 2021 220PP  
978-1-5095-4563-6 CL \$25.00 (Japan)  
Social Theory

## 統計学

**Probability and Statistical Inference**

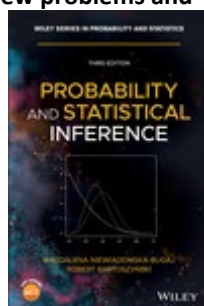
3rd Edition

ROBERT BARTOSZYNSKI & MAGDALENA  
NIEWIADOMSKA-BUGAJ

The Ohio State University; West Virginia University

**Updated classic statistics text, with new problems and examples**

*Probability and Statistical Inference, Third Edition* helps students grasp essential concepts of statistics and its probabilistic foundations. This book focuses on the development of intuition and understanding in the subject through a wealth of examples illustrating concepts, theorems, and methods. The reader will recognize and fully understand the why and not just the how behind the introduced material.



In this Third Edition, the reader will find a new chapter on Bayesian statistics, 70 new problems and an appendix with the supporting R code. This book is suitable for upper-level undergraduates or first-year graduate students studying statistics or related disciplines, such as mathematics or engineering. This Third Edition:

- Introduces an all-new chapter on Bayesian statistics and offers thorough explanations of advanced statistics and probability topics
- Includes 650 problems and over 400 examples - an excellent resource for the mathematical statistics class sequence in the increasingly popular "flipped classroom" format
- Offers students in statistics, mathematics, engineering and related fields a user-friendly resource
- Provides practicing professionals valuable insight into statistical tools

*Probability and Statistical Inference* offers a unique approach to problems that allows the reader to fully integrate the knowledge gained from the text, thus, enhancing a more complete and honest understanding of the topic.

SERIES: WILEY SERIES IN PROBABILITY AND STATISTICS

JANUARY 2021 736PP  
978-1-119-24380-9 CL \$140.00 (Japan)  
PROBABILITY & MATHEMATICAL STATISTICS**Direction Dependence in Statistical Modeling**

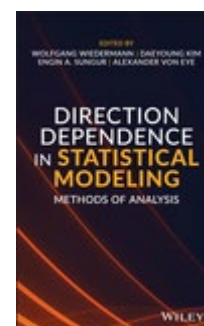
Methods of Analysis

WOLFGANG WIEDERMANN, DAEYOUNG KIM, ENGIN A.  
SUNGUR & ALEXANDER VON EYE

Michigan State University, USA

**Covers the latest developments in direction dependence research**

*Direction Dependence in Statistical Modeling: Methods of Analysis* incorporates the latest research for the statistical analysis of hypotheses that are compatible with the causal direction of dependence of variable relations. Having particular application in the fields of neuroscience, clinical psychology, developmental psychology, educational psychology, and epidemiology, direction dependence methods have attracted growing attention due to their potential to help decide which of two competing statistical models is more likely to reflect the correct causal flow.



The book covers several topics in-depth, including:

- A demonstration of the importance of methods for the analysis of direction dependence hypotheses
- A presentation of the development of methods for direction dependence analysis together with recent novel, unpublished software implementations
- A review of methods of direction dependence following the copula-based tradition of Sungur and Kim
- A presentation of extensions of direction dependence methods to the domain of categorical data
- An overview of algorithms for causal structure learning

The book's fourteen chapters include a discussion of the use of custom dialogs and macros in SPSS to make direction dependence analysis accessible to empirical researchers.

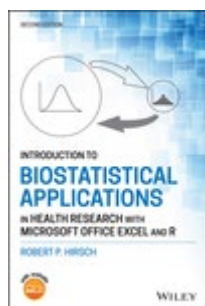
JANUARY 2021 432PP  
978-1-119-52307-9 CL \$135.00 (Japan)  
Applied Probability & Statistics

## Introduction to Biostatistical Applications in Health Research with Microsoft Office Excel and R

2nd Edition

ROBERT P. HIRSCH

Focusing on a basic understanding of the methods and analyses in health research, *Introduction to Biostatistical Applications in Health Research with Microsoft® Office Excel®, 2e* provides statistical concepts for interpreting results using Excel. The book emphasizes the application of methods and presents the most common methodological procedures in health research, which includes multiple regression, ANOVA, ANCOVA, logistic regression, Cox regression, stratified analysis, life table analysis, and nonparametric parallels.



### *Some updates for this new edition:*

The flowcharts from the first edition will be expanded to include indicators of the assumptions of each procedure. This will be added to facilitate selection of a statistical approach to analyze a particular set of data. The existing twelve chapters describing statistical principals and statistical methods will be maintained. They have been proven to provide students with a clear and useful approach to the subject in use as a textbook and workbook in a graduate statistics course. An additional chapter will be added to the book that discusses the assumptions of statistical procedures. This chapter will describe each assumption, tell how to determine if the assumption is appropriate for a particular set of data, and provide solutions to situations in which the assumptions are not met by the data set. This chapter will provide students and researchers with the information they need to select an appropriate method of analysis and to apply that method to a set of data. The workbook will include a corresponding chapter that will provide students with practice identifying assumptions, testing for their satisfaction, and applying solutions to violation of assumptions.

R will also be included to broaden the appeal and audience for the book.

JANUARY 2021 640PP  
978-1-119-72259-5 CL \$130.00 (Japan)  
Biostatistics

## Applications of Quantile Regression of Experimental and Cross Section Data using EViews

I. GUSTI NGURAH AGUNG

Quantile regression aims at estimating either the conditional median or other quantiles of the response variable. Essentially, quantile regression is the extension of linear regression and we use it when the conditions of linear regression are not applicable.

LS-Regressions, Ordinary-Regressions or Mean-Regressions, the Quantile-Regressions (QRs) can be classified into three groups. The first group consists of the QRs with categorical variables, called ANOVA QRs, where ordinal variables are treated as nominal variables and the numerical independent variables (IVs) are transformed to ordinal variables. The second group consists of the QRs with numerical variables, where the ordinal variables are treated as the numerical IVs. The third group consists of the various interaction QRs with numerical and categorical IV, where the ordinal variables can be treated as either numerical or nominal categorical IVs.

*Applications of Quantile Regression of Experimental and Cross Section Data using EViews* presents examples of statistical results of various QRs in order to display their richer characteristics, based on the LS-Regression, Ordinary-Regressions, or Mean-Regressions. It offers instructions how to develop the best possible QRs and how to present more advanced analysis by using the Quantile Process, the Wald test, the Redundant Variables test, Omitted Variables Test, and forecasting, as well as to draw the best conclusions from results. A mathematical knowledge of quantile regression is not necessary so this book is applicable to students and lecturers in statistics, data analysis and engineering.

JANUARY 2021 496PP  
978-1-119-71517-7 CL \$120.00 (Japan)  
Regression Analysis

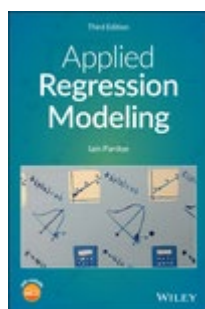
## Applied Regression Modeling

3rd Edition

IAIN PARDOE

Thompson Rivers University

This book provides a concise treatment of statistical regression modelling together with three detailed case studies for undergraduate students and professional master students with limited background in calculus. All sections have been retained from the second edition, with the author clarifying sections and reworking the more challenging topics. The author has added more end-of-chapter exercises and has added coverage of several new topics. All methods are clearly illustrated using datasets that are available in a variety of formats on the book's supplemental website. Detailed instructions for applying the methods are provided for many software packages, including SPSS, Minitab, DataDesk, SAS, JMP, R, Eviews, Stata, Statistica, and Excel. The book introduces modeling extensions that illustrate more advanced regression techniques, including logistic regression, Poisson regression, discrete choice models, multilevel models, Bayesian modeling, and time series and forecasting. The writing is clear and careful, avoiding overly technical language. There is extensive cross-referencing, an exhaustive index, an appendix with all notation and formulas collected together, a mathematics refresher, a list of references, and a glossary of terms. Illustrations, graphs, and computer software output appears throughout. Detailed exercises collected together at the end of each chapter are carefully chosen to illustrate concepts and aid understanding. Brief solutions for half of the exercises are provided in an appendix while complete solutions to all the exercises are available in an Instructor's Manual. Supplemental exercises are available on the book's website. In addition, Instructor and student resources are available on the book's website, including datasets, software information, presentation slides, supplemental exercises, and videos covering particular topics and software demonstrations.



JANUARY 2021 384PP  
978-1-119-61586-6 CL \$128.95 (Japan)  
REGRESSION ANALYSIS

## An Introduction to Correspondence Analysis

ERIC J. BEH & ROSARIA LOMBARDO

This book is intended as an introductory text supplementing the authors' advanced level/specialist book *Correspondence Analysis: Theory, Methods and New Strategies* (Wiley, August 2014). This introduction will provide the reader with a discussion of the key issues concerned with correspondence analysis that is discussed in great detail in the earlier book; there will be relatively little theory beyond the basics (no proofs, no equivalent statements -- just one framework), no methods will be discussed that have not been available to the analyst for decades, and there will be no new strategies. Once the reader has reached the appropriate level of mastery of the technique, they can then move onto the more thorough examination of the mathematical and bibliographic aspects of the technique presented in the advanced text.

SERIES: WILEY SERIES IN PROBABILITY AND STATISTICS

JANUARY 2021 220PP  
978-1-119-04194-8 CL \$70.00 (Japan)  
Multivariate Analysis

## The Big R-Book

From Data Science to Learning Machines and Big Data

PHILIPPE J. S. DE BROUWER

**Introduces professionals and scientists to statistics and machine learning using the programming language R**

Written by and for practitioners, this book provides an overall introduction to R, focusing on tools and methods commonly used in data science, and placing emphasis on practice and business use. It covers a wide range of topics in a single volume, including big data, databases, statistical machine learning, data wrangling, data visualization, and the reporting of results. The topics covered are all important for someone with a science/math background that is looking to quickly learn several practical technologies to enter or transition to the growing field of data science.



*The Big R-Book for Professionals: From Data Science to Learning Machines and Reporting with R* includes nine parts, starting with an introduction to the subject and followed by an overview of R and elements of statistics. The third part revolves around data, while the fourth focuses on data wrangling. Part 5 teaches readers about exploring data. In Part 6 we learn to build models, Part 7 introduces the reader to the reality in companies, Part 8 covers reports and interactive applications and finally Part 9 introduces the reader to big data and performance computing. It also includes some helpful appendices.

*The Big R-Book* is an excellent guide for science technology, engineering, or mathematics students who wish to make a successful transition from the academic world to the professional. It will also appeal to all young data scientists, quantitative analysts, and analytics professionals, as well as those who make mathematical models.

JANUARY 2021 928PP  
978-1-119-63272-6 CL \$130.00 (Japan)  
Statistical Software / R

## System Reliability Theory

Models, Statistical Methods, and Applications

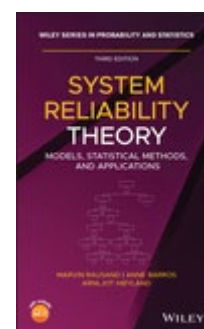
3rd Edition

MARVIN RAUSAND, ANNE BARROS & ARNLJOT HOYLAND

Norwegian University of Science and Technology

**Handbook and reference for industrial statisticians and system reliability engineers**

*System Reliability Theory: Models, Statistical Methods, and Applications, Third Edition* presents an updated and revised look at system reliability theory, modeling, and analytical methods. The new edition is based on feedback to the second edition from numerous students, professors, researchers, and industries around the world. New sections and chapters are added together with new real-world industry examples, and standards and problems are revised and updated.



Perfect for undergraduate and graduate students taking courses in reliability engineering, this book also serves as a reference and resource for practicing statisticians and engineers.

Throughout, the book has a practical focus, incorporating industry feedback and real-world industry problems and examples.

SERIES: WILEY SERIES IN PROBABILITY AND STATISTICS

JANUARY 2021 848PP  
978-1-119-37352-0 CL \$175.00 (Japan)  
QUALITY, PRODUCTIVITY & RELIABILITY

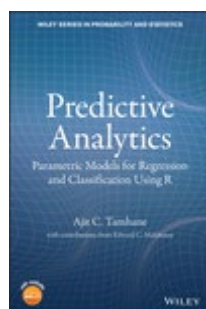
## Predictive Analytics

Parametric Models for Regression and Classification Using R

AJIT C. TAMHANE & WITH EDWARD C. MALTHOUSE

Northwestern University

**Provides a foundation in classical parametric methods of regression and classification essential for pursuing advanced topics in predictive analytics and statistical learning**



This book covers a broad range of topics in parametric regression and classification including multiple regression, logistic regression (binary and multinomial), discriminant analysis, Bayesian classification, generalized linear models and Cox regression for survival data. The book also gives brief introductions to some modern computer-intensive methods such as classification and regression trees (CART), neural networks and support vector machines. The book is organized so that it can be used by both advanced undergraduate or masters students with applied interests and by doctoral students who also want to learn the underlying theory. This is done by devoting the main body of the text of each chapter with basic statistical methodology illustrated by real data examples. Derivations, proofs and extensions are relegated to the Technical Notes section of each chapter, Exercises are also divided into theoretical and applied. Answers to selected exercises are provided. A solution manual is available to instructors who adopt the text. Data sets of moderate to large sizes are used in examples and exercises. They come from a variety of disciplines including business (finance, marketing and sales), economics, education, engineering and sciences (biological, health, physical and social). *Predictive Analytics: Parametric Models for Regression and Classification Using R* is ideal for a one-semester upper-level undergraduate and/or beginning level graduate course in regression for students in business, economics, finance, marketing, engineering, and computer science. It is also an excellent resource for practitioners in these fields.

SERIES: WILEY SERIES IN PROBABILITY AND STATISTICS

JANUARY 2021 384PP  
978-1-118-94889-7 CL \$135.00 (Japan)  
Data Mining Statistics

## テストプレップ

## Securities Industry Essentials Exam For Dummies with Online Practice Tests

2nd Edition

STEVEN M. RICE

The Securities Industry Essentials Exam (SIE) consists of 75 questions administered in one 105-minute session. *Securities Industry Essentials Exam For Dummies, 2<sup>nd</sup> Edition with Online Practice* gives readers everything they need to score high on this important exam. Two tests in the book. Two more tests online. Hundreds of practice questions throughout the book!

JANUARY 2021 352PP  
978-1-119-73651-6 PB \$29.99 (Japan)  
Test Prep General



## CompTIA CySA+ Study Guide: Exam CS0-002 & Lab Card Bundle

MIKE CHAPPLE / University of Notre Dame

Virtual, hands-on learning labs allow you to apply your technical skills using live hardware and software hosted in the cloud. So Sybex has bundled CompTIA CySA+ labs from Practice Labs, the IT Competency Hub, with our popular *CompTIA CySA+ Study Guide, Second Edition*. Working in these labs gives you the same experience you need to prepare for the CompTIA CySA+ Exam CS0-002 that you would face in a real-life setting. Used in addition to the book, the labs are a proven way to prepare for the certification and for work in the cybersecurity field.

The *CompTIA CySA+ Study Guide Exam CS0-002, Second Edition* provides clear and concise information on crucial security topics and verified 100% coverage of the revised CompTIA Cybersecurity Analyst+ (CySA+) exam objectives. You'll be able to gain insight from practical, real-world examples, plus chapter reviews and exam highlights. Turn to this comprehensive resource to gain authoritative coverage of a range of security subject areas.

The *CompTIA CySA+ Study Guide, Second Edition* connects you to useful study tools that help you prepare for the exam. Gain confidence by using its interactive online test bank with hundreds of bonus practice questions, electronic flashcards, and a searchable glossary of key cybersecurity terms. You also get access to hands-on labs and have the opportunity to create a cybersecurity toolkit. And with this edition you also get Practice Labs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months unlimited access to Practice Labs CompTIA CySA+ Exam CS0-002 Labs with 30 unique lab modules to practice your skills.

JANUARY 2021 UnknownPP  
978-1-119-78425-8 PB \$150.00 (Japan)  
Certification (MSCE, Novell, etc.)

## CompTIA PenTest+ Certification For Dummies

GLEN E. CLARKE, NOVA SCOTIA, CANADA

### Prepare for the CompTIA PenTest+ certification

CompTIA's PenTest+ Certification is an essential certification to building a successful penetration testing career. Test takers must pass an 85-question exam to be certified, and this book--plus the online test bank--will help you reach your certification goal.



*CompTIA PenTest+ Certification For Dummies* includes a map to the exam's objectives and helps you get up to speed on planning and scoping, information gathering and vulnerability identification, attacks and exploits, penetration testing tools and reporting, and communication skills.

- Pass the PenTest+ Certification exam and grow as a Pen Testing professional
- Learn to demonstrate hands-on ability to Pen Test
- Practice with hundreds of study questions in a free online test bank
- Find test-taking advice and a review of the types of questions you'll see on the exam

Get ready to acquire all the knowledge you need to pass the PenTest+ exam and start your career in this growing field in cybersecurity!

JANUARY 2021 UnknownPP  
978-1-119-63355-6 PB \$39.99 (Japan)  
Certification (MSCE, Novell, etc.)



## 獣医学

**BSAVA Cognitive Aids for Anaesthesia in Small Animal Practice**

MATTHEW MCMILLAN

University of Cambridge in Cambridge, United Kingdom

The *BSAVA Cognitive Aids for Anaesthesia in Small Animal Practice* is a quick reference resource for veterinary teams in theatre. It includes checklists that should be completed as part of any anaesthetic procedure as well as troubleshooting guides and crisis checklists. Areas covered include:

- Equipment and drugs lists
- Pre-anaesthetic assessment lists and forms
- Intraoperative safety checklists
- Crisis checklists (e.g. hyperthermia, hypotension, haemorrhage)
- Troubleshooting guides for capnography waveforms, pulse waveforms and pulse oximetry



SERIES: BSAVA BRITISH SMALL ANIMAL VETERINARY ASSOCIATION

JANUARY 2021 70PP  
978-1-910443-75-0 PB \$32.50 (Japan)  
Veterinary Anesthesia, Analgesia & Pain Medicine

**BSAVA Manual of Canine and Feline Endoscopy and Endosurgery**

2nd Edition

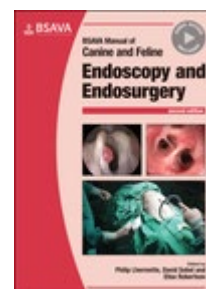
EDITOR PHILIP LHERMETTE, EDITOR DAVID SOBEL &amp; EDITOR ELISE ROBERTSON

The *BSAVA Manual of Canine and Feline Endoscopy and Endosurgery* provides a comprehensive and practical guide for practitioners who wish to practice minimally invasive techniques. Routine procedures are described in detail and more advanced techniques suitable for advanced practitioners are also included.

- \* All the chapters have been thoroughly revised and updated
- \* Chapters on oesophagoscopy, interventional endoscopy and future developments are new to this edition
- \* More detailed information on minimally invasive techniques in cats included throughout
- \* The chapter on laparoscopy has been significantly expanded and covers techniques ranging from liver biopsy and ovariectomy to cholecystectomy and adrenalectomy

**Exclusive video content**

New to this edition are a series of videos that accompany the chapters. These videos are available from the BSAVA Library.



SERIES: BSAVA BRITISH SMALL ANIMAL VETERINARY ASSOCIATION

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VETERINARY INTERNAL MEDICINE

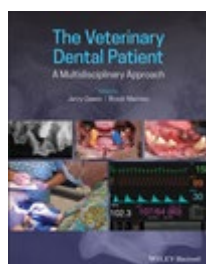
## The Veterinary Dental Patient: A Multidisciplinary Approach

JERZY GAWOR & BROOK NIEMIEC

American Veterinary Dental College, California

**Provides an interdisciplinary approach to the veterinary dental patient and offers guidance on all aspects of integrating dentistry into veterinary general practice**

*The Veterinary Dental Patient: A Multidisciplinary Approach* helps veterinarians understand the dental aspects of every canine and feline patient and shows them how to effectively manage their oral health. It also provides guidance to the rest of the veterinary team so they can offer a coordinated approach when recommending and performing veterinary dentistry as a regular part of general practice.



Edited by two prominent veterinary dentists who are Board Certified in both Europe and the United States, the text includes the latest information on safe anesthetic and monitoring protocols, accurate diagnosis and management, and referring patients to specialists. Chapters cover: establishing a dental presence in general veterinary practice; nutrition, oral health, and feeding dental patients; local, regional, and systemic complications of dental diseases; pain management; ophthalmic considerations; common situations for malpractice and mistakes; oral and maxillofacial surgery; extraction techniques and equipment; drug dosages; and more. The book also offers several helpful appendices. *The Veterinary Dental Patient: A Multidisciplinary Approach* is an essential book for all vets in general small animal practice as well as the wider veterinary team, including managers, veterinary nurses and technicians, and administrative staff.

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## Veterinary Clinical Parasitology

ANNE M. ZAJAC, GARY A. CONBOY, MASON REICHARD & SUSAN LITTLE

Virginia-Maryland Regional College of Veterinary Medicine, Blacksburg, VA ; University of Prince Edward Island

*Veterinary Clinical Parasitology, Ninth Edition*, prepared under the auspices of the American Association of Veterinary Parasitologists (AAVP), emphasizes the morphologic identification of both internal and external parasites of domestic animals. Focusing on the tests and information most relevant to daily practice, the book describes accurate, cost-effective techniques for diagnosing parasitic infections in animals. Including clear, easy-to-find information on the distribution, life cycle, and importance of each parasite, *Veterinary Clinical Parasitology* offers more than 450 images to aid with diagnosis.

The Ninth Edition includes new material on the benefits and limitations of different test modalities as they apply to parasites. Coverage of reptiles, birds, and other exotic and laboratory animal species has been expanded. The new 'Diagnostic Challenges' section provides support for situations where identification of parasites is particularly difficult. *Veterinary Clinical Parasitology* is a highly practical bench-side reference invaluable to clinicians, technicians, and students.

- \* Acts as a picture-matching guide to aid in identifying parasites of domestic animals
- \* Expanded coverage of reptiles, birds and other exotic and laboratory animal host species, and a greater variety of parasite species
- \* More information on the benefits and limitations of different test modalities as they apply to parasites
- \* New chapter on drugs used to treat parasite infections
- \* Provides a practical, useful resource for learning the techniques used in diagnosing parasites
- \* Prepared under the auspices of the American Association of Veterinary Parasitologists (AAVP)
- \* Includes a companion website offering the images from the book electronically

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Offering the very latest in diagnostics and therapeutics, this book presents a fully updated and revised edition of the definitive reference to veterinary ophthalmology. Covering both basic sciences and clinical treatment, it is a state-of-the-art text that encompasses ophthalmology in all species, including dogs, cats, horses, large animals, and exotic animals. Featuring expanded coverage of ocular conditions in cats, horses, and birds--and featuring with nearly two thousand color photographs and illustrations--the book is a must for any practitioner treating eye disease.



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- Includes access to a companion website with video clips and the images for download in PowerPoint

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VETERINARY OPHTHALMOLOGY

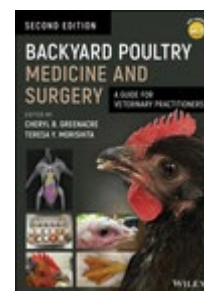
## Backyard Poultry Medicine and Surgery

A Guide for Veterinary Practitioners, 2nd Edition

EDITOR CHERYL B. GREENACRE & EDITOR TERESA Y. MORISHITA

University of Tennessee, Knoxville, Tennessee, USA; Western University College of Veterinary Medicine, Pomona, California, USA

*Backyard Poultry Medicine and Surgery, Second Edition* is a thorough revision and expansion of the first book to provide practical information for veterinarians treating individual or small flocks of poultry. With seven new chapters covering toxicology, euthanasia, gross pathology, behavior, game bird medicine, vaccinations, and drugs, and many existing chapters significantly expanded, the book offers a complete guide to all aspects of husbandry, medicine, and surgery for backyard poultry. Organized by organ system for ease of use, the book is designed to support veterinarians in diagnosing and treating backyard chickens, whether they see an occasional bird or regularly treat poultry.



More than 400 color photographs aid in breed identification and diagnosis, and the clinical focus enables veterinarians to confidently and knowledgeably develop a diagnostic and treatment plan. Chapters are written by leading experts in avian medicine and surgery. *Backyard Poultry Medicine and Surgery* is a must-have reference for any veterinarian called on to care for backyard flocks, whether they see an occasional chicken or treat poultry regularly.

- Offers a comprehensive guide to diagnosing and treating backyard poultry
- Presents practical information on husbandry, medicine, and surgery
- Written from an individual medicine perspective to aid practitioners in developing a diagnostic and treatment plan for the individual or small flock of poultry
- Expands significantly on the first edition, with many expanded chapters and seven brand-new chapters
- Includes new chapters covering toxicology, euthanasia, gross pathology, behavior, game bird medicine, vaccinations, and drugs
- Provides more color photographs to aid in breed and disease identification

JANUARY 2021 UnknownPP  
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VETERINARY MEDICINE / BIRDS

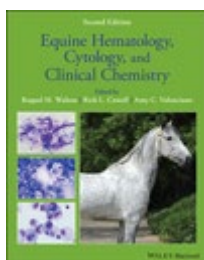
## Equine Hematology, Cytology, and Clinical Chemistry

2nd Edition

EDITOR RAQUEL M. WALTON, EDITOR RICK L. COWELL & EDITOR AMY C. VALENCIANO

Animal Medical Center, New York, New York, USA; IDEXX Laboratories Inc., Stillwater, Oklahoma, USA; IDEXX Laboratories, Dallas, Texas, USA

The all-new *Equine Hematology, Cytology, and Clinical Chemistry* draws on hematology and clinical chemistry information featured in the first edition of *Equine Clinical Pathology* and adds valuable cytopathology material from *Diagnostic Cytology and Hematology of the Horse*, making it a truly definitive reference to clinical pathology in equids.



Thoroughly updated and expanded throughout, this *Second Edition* offers more images, more information, and new knowledge for previous chapters and entirely new chapters on bone marrow evaluation and cytopathology.

Designed to present clear, concise, and clinically relevant information, the book is logically organized for easy reference. Numerous figures, tables and images support the text, together with summarized information for ease of use.

- Offers a focus on clinical pathology in the horse, with in-depth information on hematology, clinical chemistry, and cytopathology in equids
- Presents equine disease from a systems-based, clinicopathological perspective
- Features hundreds of high-quality images
- Includes contributions from veterinary specialists with expert knowledge of clinical pathology

A must-have purchase for anyone using hematology, clinical chemistry, and cytology in equine patients, *Equine Hematology, Cytology, and Clinical Chemistry, 2nd Edition* is a valuable resource for equine practitioners, clinical pathologists and residents, and veterinary students.

JANUARY 2021 UnknownPP  
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