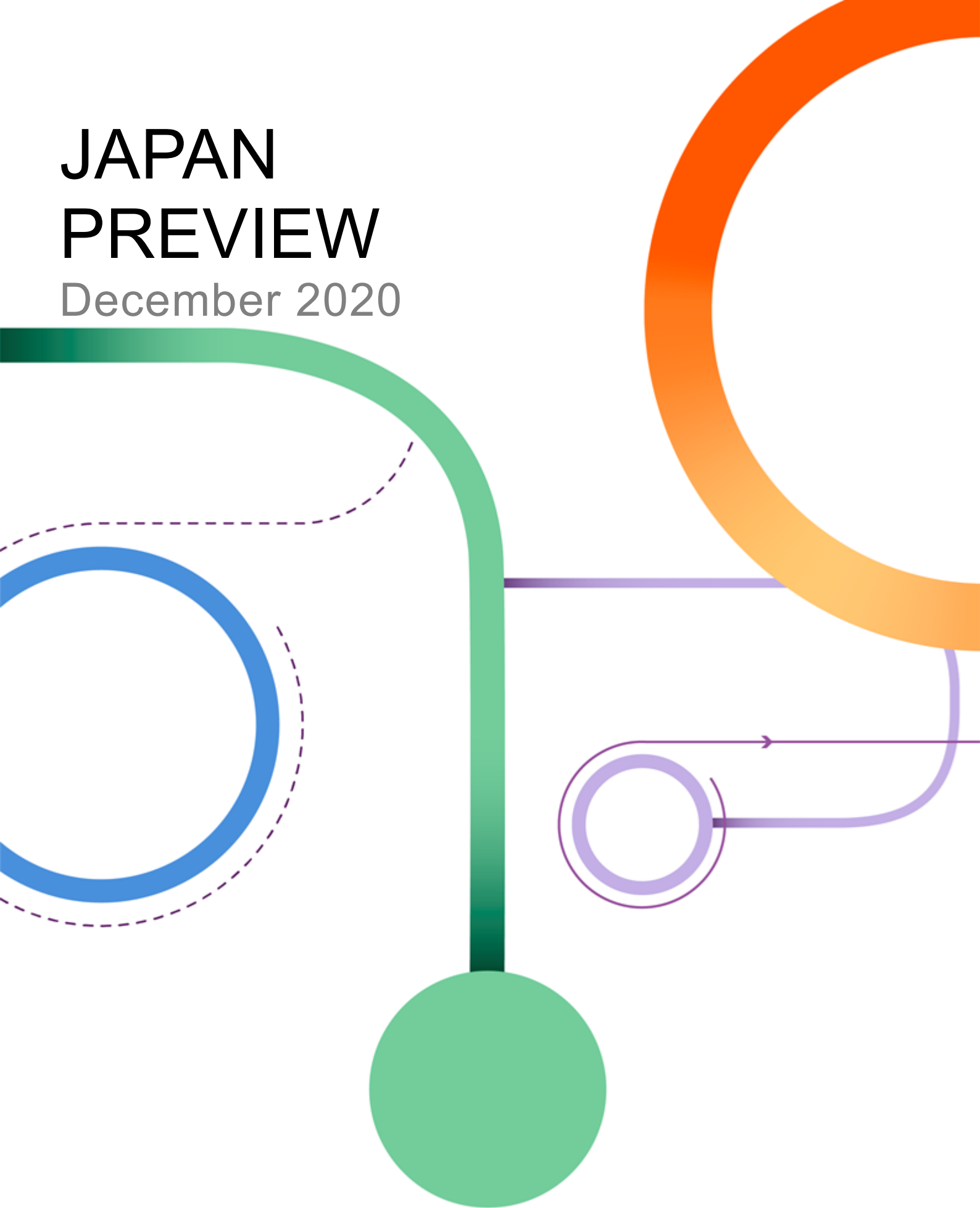


JAPAN PREVIEW

December 2020



WILEY

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芸術

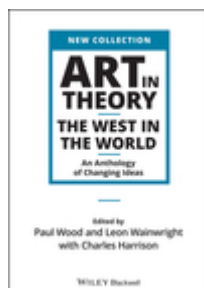
Art in Theory

The West in the World - An Anthology of Changing Ideas

EDITOR PAUL WOOD, EDITOR LEON WAINWRIGHT & EDITOR CHARLES HARRISON

Research Associate, Open University; Professor of Art History, Open University; 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 20th and 21st 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.

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

TEXT

Re-presentation Politics of the Fashion Industry

Discourse and Power Apparatus

ELIAS MAVROMATIDIS

Harokopio University, Athens, Greece

DECEMBER 2020 236PP
978-1-78630-591-6 CL \$135.00 (Japan)
Clothing & Fashion



会計学

AICPA Professional Standards, 2020, Volumes 1 – 3 Set

AICPA

Updated as of June 1, 2020, Professional Standards is a comprehensive source of professional standards and interpretations issued by the AICPA, such as auditing and attestation, accounting and review services pronouncements, along with the AICPA Code of Professional Conduct and Bylaws. Standards and related interpretations, to help accountants apply the standards in specific circumstances, are arranged by subject with amendments noted, superseded portions deleted, and conforming changes reflected.



Professional Standards includes these standards and sections:

- Auditing standards and interpretations
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- Accounting and review standards and interpretations
- Quality control standards
- Statements of Position--accounting, auditing and attestation
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- AICPA bylaws
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NEW IN 2020:

- Statement on Auditing Standards (SAS) No. 138, Amendments to the Description of the Concept of Materiality
- SAS No. 139, Amendments to AU-C Sections 800, 805, and 810 to Incorporate Auditor Reporting Changes From SAS No. 134
- SAS No. 140, Amendments to AU-C Sections 725, 730, 930, 935, and 940 to Incorporate Auditor Reporting Changes From SAS Nos. 134 and 137
- SAS No. 141, Amendment to the Effective Dates of SAS Nos. 134--140
- Statement on Standards for Attestation Engagements (SSAE) No. 19, Agreed-Upon Procedures Engagements
- SSAE No. 20, Amendments to the Description of the Concept of Materiality

- Statement on Auditing Standards for Accounting and Review Services (SSARS) No. 25, Materiality in a Review of Financial Statements and Adverse Conclusions
- Statement of Position (SOP) 20-1, Reporting Pursuant to the 2020 Global Investment Performance Standards
- Addition of Pre-SAS No. 134 U.S. Auditing Standards -- AICPA (Clarified) [AU-C] section

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AUDITING

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2020

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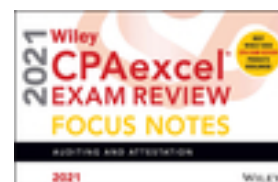
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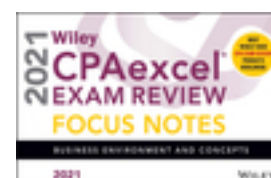
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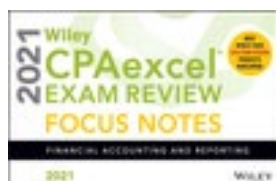
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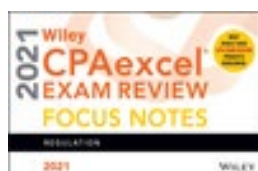
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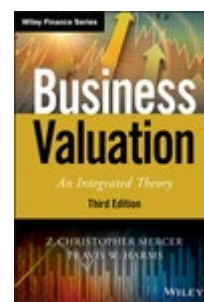
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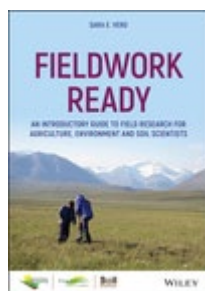
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SARA VERO

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.



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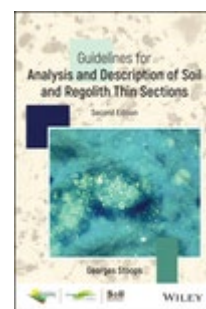
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AGRICULTURE & ECOLOGY

人類学

The International Encyclopedia of Linguistic Anthropology

EDITOR JAMES STANLAW


A unique, comprehensive four-volume reference work, representing the combined insights of the leading authorities in linguistic anthropology



Wiley Blackwell's *International Encyclopedia of Linguistic Anthropology* is a key scholarly reference for researchers working in linguistic anthropology, communication studies, education, psychology, and sociology, as well as those involved in language revitalization and other community and applied linguistics programs. The only encyclopedia of its kind, this field-encompassing work serves as an essential reference on the history, development, and modern advancements of the full field of linguistic anthropology. However, the encyclopedia is not limited to coverage of the standard canon, but rather is a forward-looking account of the field, addressing the latest--sometimes even controversial--issues in the discipline. With entries authored by leading international scholars, the encyclopedia's key areas of content include language, thought, and culture; language evolution, acquisition and socialization; language ideologies; speech communities; language, race, and ethnicity; multilingualism and globalization; performance and verbal arts; and literacy and schooling.

In four comprehensive volumes comprising more than 400 unique entries, this encyclopedia offers authoritative coverage on the leading figures and major events in the development of linguistic anthropology, the theoretical frameworks behind contemporary practice, the methodologies and technologies of modern fieldwork, and the leading developments in new research.

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Linguistic Anthropology

Slum Acts

VEENA DAS

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Anthropology Special Topics

建築学

At One with Nature

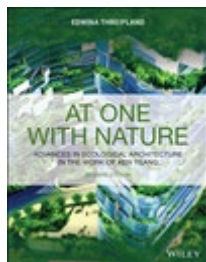
Advances in Ecological Architecture in the Work of
Ken Yeang, 2nd Edition

KEN YEANG, MALAYSIA

T. R. Hamzah & Yeang, Malaysia

At One with Nature will provide an overview of Yeang's current thinking on the theory and practice of ecological design, including his technical ideas, design interpretations, aesthetic concepts for an ecological architecture, and images of Yeang's completed works.

The primary aim and scope of the book is to present the current thinking and developments on the topic of ecological architecture and ecomasterplanning carried out by Ken Yeang in his research, theoretical and design work. This volume will discuss the implications of their recent developments, progressed since the 1st Edition of this book, published in 2011.



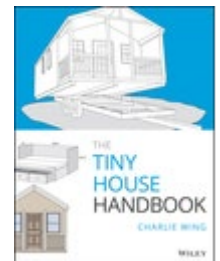
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Building Design

The Tiny House Handbook

CHARLIE WING

"This thought provoking book is a great resource for anyone considering joining the tiny house movement. It's all the information you need in one book! The author has done a phenomenal job blending real world experience, data and practical knowledge on all types of tiny homes."

-Corinne Watson, Principle and Co-Founder, Tiny Homes of Maine



"Charlie Wing's very readable Tiny House Handbook leads you through the processes of designing and building a tiny home, with careful attention to all the details, including legal issues, cost estimates, material utilization and foundation options. Charlie is a master at demystifying the seemingly complex process of homebuilding. This book will help you live both comfortably and lighter on the land."

-John S. Crowley, CEO of FACET and Board member, Build It Green

Plan, design, and build a tiny house from scratch

The Tiny House Handbook is a comprehensive guide to everything you need to know to construct your very own tiny house. Produced in Charlie Wing's signature "visual handbook" style and jam-packed with full-color illustrations and diagrams, this book includes step-by-step instructions for building a tiny house as well as information on cost estimating and design requirements.

Rather than being just another inspirational collection of tiny home photographs, *The Tiny House Handbook* constitutes a complete and fulsome reference for anyone seeking to build their own tiny home. From seasoned construction vets to total novices, this book will walk you through the process of designing and building a tiny house from start to finish.

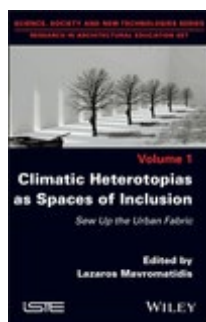
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Building Design

Climatic Heterotopias as Spaces of Inclusion

Sew up the Urban Fabric

EDITOR ELIAS MAVROMATIDIS

Harokopio University, Athens, Greece



DECEMBER 2020 190PP
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ビジネス

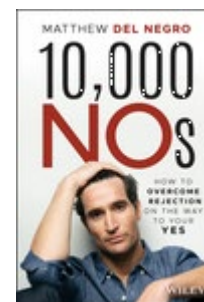
10,000 NOs

How to Overcome Rejection on the Way to Your YES

MATTHEW DEL NEGRO

Learn how to persevere and pivot to achieve your goals from a celebrated Hollywood actor

10,000 NOs: How to Overcome Rejection on the Way to Your YES chronicles actor Matthew Del Negro's tough journey from humble beginnings, through a sea of rejections, on the way to his eventual rise



to become a recognizable face on some of history's most acclaimed television shows. Along the way, he learned hard lessons about perseverance, persistence, and resilience. Teaching readers how to make it through the tough times and deal with massive uncertainty by retaining the flexibility to change course and pivot to follow your passion, Del Negro explains how to achieve success in even the most competitive industries.

The book, which delves into his personal story from Division I athlete to his professional dream of becoming an actor without any show business connections, shares the wisdom and knowledge Del Negro has gained from both his failures and successes in one of America's most competitive industries: professional acting. Amidst his own stories from life and acting, Del Negro weaves anecdotes and quotes from interviews he has had with a wide range of inspirational people from all walks of life on his popular podcast, *10,000 NOs*. The list of high-achievers includes professional athletes, bestselling authors, *Forbes* list entrepreneurs, cancer survivors, Hollywood elite, and more. His celebrated and top-ranked podcast in the U.S., Canada, and Australia, continues to inspire others to keep going even when their progress seems infinitesimally slow.

DECEMBER 2020 208PP
978-1-119-69182-2 CL \$25.00 (Japan)
Business Self-Help

Business Recoded

Have the Courage to Create a Better Future for you and your Business

PETER FISK, UNITED KINGDOM

PA Knowledge Limited, UK

Business needs a new code for success!

Change is dramatic, pervasive and relentless. The challenges are numerous. The opportunities are greater. Incredible technologies and geopolitical shifts, complex markets and stagnating growth, demanding customers and disruptive entrepreneurs, environmental crisis and social distrust, unexpected shocks and uncertain futures. The old codes that got us here don't work anymore. Moving forwards needs a new mindset.

Business Recoded is for business leaders who seek to progress in today's rapidly changing world, and to create the organisations that will thrive in tomorrow's world. It explores how to lead a better future, to reimagine your business, to reinvent markets, to energise your people. It describes how to combine profit with more purpose, intelligent technologies with creative people, radical innovation with sustainable impact. It dives deep into the minds of some of today's most inspiring business leaders - people like Anne Wojcicki and Jeff Bezos, Emily Weiss and Devi Shetty, Daniel Ek and Tan Le, Mary Barra and Masayoshi Son, Satya Nadella and Zhang Ruimin.

And learns from the innovative strategies of incredible companies -- Alibaba and Amazon, Babylon and BlackRock, Meituan Dianping and Microsoft, Narayana Health and Netflix, Patagonia and PingAn, Spotify and Supercell, and many more.

The book is built on 7 seismic shifts driving a more enlightened future of business, unlocking 49 codes that collectively define a new DNA for organisations and their leadership. It's about you -- realising your future potential - by developing your own codes for more enlightened progress, personal and business success.

Do you have the courage to create a better future, for you and your business?

DECEMBER 2020 256PP
978-1-119-67986-8 CL \$22.00 (Japan)
BUSINESS SELF-HELP

Leading with Character

10 Minutes a Day to a Brilliant Legacy

JIM LOEHR & WITH CAREN KENNEY

PRAISE FOR LEADING WITH CHARACTER

"*Leading with Character* can help you sharpen and define your potential legacy and, in the course of doing that, will make you a better leader in all aspects of your life."

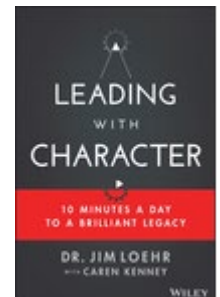
—**CHIP BERGH**, CEO, Levi Strauss & Co.

"As a fan of Dr. Loehr's for over twenty years, I have been amazed by the continued evolution of his concepts while maintaining the initial building blocks he identified over thirty years ago. *Leading with Character* provides us with the source code required to define our own self-determined purpose while extending our thinking beyond self-interest to incorporate a more fulfilling concern for others."

—**PETER SCATURRO**, former CEO of U.S. Trust, Partner at Goldman Sachs, and Managing Partner at PKS Group

"As a journalist, I've been interviewing and writing about business leaders for four decades now, and I firmly believe something has changed profoundly in the last five to ten years. Business leadership has become less about giving orders, more about setting example; less about articulating a detailed strategy, more about setting values, directions, and guard rails. As a result, character becomes much more important. People want to work for someone whom they view as a moral leader, and they will model his or her behavior. The radical transparency of today's world means they will quickly see through leaders who are not authentic, and identify those who are. Character becomes critical."

—**ALAN MURRAY**, CEO, Fortune Media Corporation



DECEMBER 2020 UnknownPP
978-1-119-55018-1 CL \$25.00 (Japan)
Business Self-Help

Leading with Character

10 Minutes a Day to a Brilliant Legacy Set

JAMES E. LOEHR & WITH CAREN KENNEY

From leadership expert Dr. Jim Loehr, strengthen your moral and ethical character for outstanding leadership results with this must-have set.

Leading with Character: 10 Minutes a Day to a Brilliant Legacy

At the end of your life, how are you likely to be remembered? Chances are that people won't be praising your money, power, and status. Instead, the people you've impacted will remember you for your compassion and personal strength--in short, your character. Unfortunately, many leaders are unaware of their character shortcomings and blind spots that hold so many of us back from building the lasting legacy we are capable of.

With the right motivation, you can begin to strengthen your character and become a moral and ethical leader capable of creating lasting change. In *Leading with Character: 10 Minutes a Day to a Brilliant Legacy*, Dr. Jim Loehr, cofounder of the Johnson & Johnson Human Performance Institute, reveals 50 character competencies that you can practice daily to transform your life and work.

The Personal Credo Journal: A Companion to Leading with Character

We all want to become high impact leaders with a robust ethical and moral character, but getting there is a challenge. Dr. Jim Loehr's *Leading with Character* offers a succinct plan for developing your character as a leader and building a meaningful legacy through your life's work. *The Personal Credo Journal* is a day-by-day workbook that will guide you through the process of identifying your core values and crafting your Personal Credo--a statement of beliefs and values that will help you align every action and decision with your deepest held ideals.



DECEMBER 2020 UnknownPP
978-1-119-78164-6 CL \$45.00 (Japan)
Business Self-Help

The Career Handbook

Where to go from here for a Successful Future

GILL HASSON

Find the right career that works for you and who you are. Do something you love!

The quest for the work and a career that's right for you--that's fulfilling and that you enjoy--is a process of discovery. It involves learning about yourself and finding out about the wide range of work and careers available. And it involves finding out how best to access the work or career you're interested in.

Whether you have no idea what work or career you want to do or there's too many options and you can't decide, *Career Finder* will help you discover what's right for you and how to go about achieving it.

- Understand how the world of work and careers is changing
- Overcome limiting beliefs, identify your strengths, skills and values and build your confidence
- Identify - from the wide range of career options - the best possibilities for you (not what other people think you should do!)
- Discover the opportunities that will lead to the work and career you're interested in

Whatever's happening in the world and whether you've just started thinking about a career, want to go in a new direction, or have a complete change, *Career Finder* will guide and advise you. You'll be prepared to move toward a career that you enjoy and works in harmony with your life and who you are.

DECEMBER 2020 240PP
978-0-85708-864-2 PB \$13.99 (Japan)
Personal Career Development

Business Model Innovation Strategy

Transformational Concepts and Tools for Entrepreneurial Leaders

RAPHAEL AMIT & CHRISTOPH ZOTT

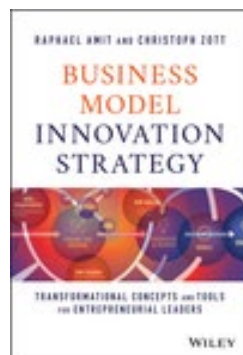
University of Pennsylvania

The most comprehensive, global guide to business model design and innovation for academic and business audiences.

Business Model Innovation Strategy: Transformational Concepts and Tools for Entrepreneurial Leaders is centered on a timely, mission-critical strategic issue that both founders of new firms and senior managers of incumbent firms globally need to address as they reimagine their firms in the post COVID-19 world. The book, which draws on over 20 years of the authors collaborative theoretical and rigorous empirical research, has a pragmatic orientation and is filled with examples and illustrations from around the world.

This action-oriented book provides leaders with a rigorous and detailed guide to the design and implementation of innovative, and scalable business models for their companies. Faculty and students can use *Business Model Innovation Strategy* as a textbook in undergraduate, MBA, and EMBA degree courses as well as in executive courses of various designs and lengths. The content of the book has been tested in both degree and non-degree courses at some of the world's leading business schools and has helped students and firm leaders to develop ground-breaking business model innovations.

Authors Amit and Zott anchored the book on their pioneering research and extensive scholarly and practitioner-oriented publications on the design, implementation, and performance implications of innovative business models.



DECEMBER 2020 368PP
978-1-119-68968-3 CL \$29.00 (Japan)
Management / Leadership

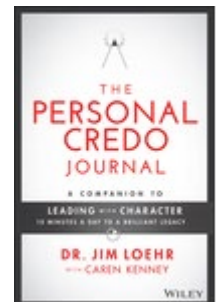
The Personal Credo Journal: A Companion to Leading with Character

10 Minutes a Day to a Brilliant Legacy

JAMES E. LOEHR & WITH CAREN KENNEY

STRENGTHEN YOUR MORAL AND ETHICAL CHARACTER FOR OUTSTANDING LEADERSHIP RESULTS

We all want to become high impact leaders with a robust ethical and moral character, but getting there is a challenge. Dr. Jim Loehr's *Leading With Character* offers a succinct plan for developing your character as a leader and building a meaningful legacy through your life's work. *The Personal Credo Journal* is a day-by-day workbook that will guide you through the process of identifying your core values and crafting your Personal Credo—a statement of beliefs and values that will help you align every action and decision with your deepest held ideals. With these activities and exercises, you'll spend just a few minutes each day reflecting on meaningful and thought-provoking prompts about your life story, your personal strengths and weaknesses, and your life goals. By the end of this life-altering, 150-day challenge, you will have gained a deep self-knowledge and a clear vision of your path forward as a leader. Take charge of the legacy you'll leave behind, build character, and learn to use your Personal Credo to transform your life.



DECEMBER 2020 UnknownPP
978-1-119-76406-9 PB \$20.00 (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

Perfect for boards, C-suite, and aspiring male and female high performers, *Winning the Talent Shift* bravely shows how to recognize barriers, replace them with high performance attributes, and redesign the workplace to create the potential for sustainable growth and industry leadership for years to come.

DECEMBER 2020 UnknownPP
978-1-119-76871-5 CL \$29.95 (Japan)
Management / Leadership

China's Data Economy

How its Innovation Power is Shaping the Future of AI, Media, and the Global Order

WINSTON MA

This timely follow up to China's Mobile Economy - Opportunities in the Largest and Fastest Information Consumption Boom provides insights into the second phase of China's digital economy. After rapid economic expansion led by consumers, Chinese companies are actively embracing the potential of new technologies -- the Internet of Things, artificial intelligence (AI), blockchain, cloud computing, and data analytics (iABCD) -- to unlock value from nontraditional angles.

China's Data Economy: How its Innovation Power is Shaping the Future of AI, Media, and the Global Order will analyze China's digital transformation in recent years, assess the value creation through digitization of industries, and address question such as:

- How can Chinese apps, such as those for food delivery, online lending, and mobile payments expand so quickly that they surpass the scale of their original US model in merely a few years?
- How do China's young netizens participate in and contribute to the digital economy, as online consumers, content creators, and startup entrepreneurs?
- Why is Online/ Office integration (referred to as OMO, Online-merge with- Offline) viewed as the natural next step to the O2O (Online-to-Offline) model in the rest of the world? And why, after an overall e-commerce boom, are China's online businesses putting the emphasis onto their related offline businesses
- How are the traditional industries in China, such as retail, banking and insurance transforming themselves to stay competitive? How do they embrace AI (artificial intelligence), cloud and other new digital technologies to position themselves in the future "smart economy"?

In *China's Data Economy*, Winston Ma offers investors, governments, entrepreneurs, corporate executives and all players in international business an essential guide to China's new data-driven economy and its profound global implications.

DECEMBER 2020 288PP
978-1-119-74891-5 PB \$32.50 (Japan)
Creativity & Innovation Management

Innovation for Society

The P.S.I. Approach

MARIANNE CHOUTEAU, JOELLE FOREST & CÉLINE NGUYEN

DECEMBER 2020 240PP
978-1-78630-477-3 CL \$135.00 (Japan)
Creativity & Innovation Management

Science Fiction and Innovation Design

THOMAS MICHAUD



DECEMBER 2020 228PP 978-1-78630-583-1
CL \$145.00 (Japan)
Creativity & Innovation Management

Start-up

Corporate Interactions

PASCAL LATOUCHE

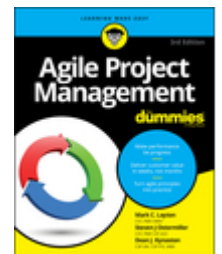
DECEMBER 2020 266PP
978-1-78630-575-6 CL \$135.00 (Japan)
Creativity & Innovation Management

Agile Project Management For Dummies

3rd Edition

MARK C. LAYTON, STEVEN J. OSTERMILLER & DEAN J. KYNASTON

This updated edition shows you how to use the agile project management framework for success!



Learn how to apply agile concepts to your projects. This fully updated book covers changes to agile approaches and new information related to the methods of managing an agile project.

Agile Project Management For Dummies, 3rd Edition gives product developers and other project leaders the tools they need for a successful project. This book's principles and techniques will guide you in creating a product roadmap, self-correcting iterations of deployable products, and preparing for a product launch. Agile approaches are critical for achieving fast and flexible product development. It's also a useful tool for managing a range of business projects.

Written by one of the original agile technique thought-leaders, this book guides you and your teams in discovering why agile techniques work and how to create an effective agile environment. Users will gain the knowledge to improve various areas of project management.

- Define your product's vision and features
- Learn the steps for putting agile techniques into action
- Manage the project's scope and procurement
- Plan your team's sprints and releases
- Simplify reporting related to the project

Agile Project Management For Dummies can help you to better manage the scope of your project as well as its time demands and costs. You'll also be prepared to skillfully handle team dynamics, quality challenges, and risks.

DECEMBER 2020 496PP
978-1-119-67699-7 PB \$29.99 (Japan)
PROJECT MANAGEMENT

PMP Project Management Professional Exam Certification Kit

2nd Edition

KIM HELDMAN & VANINA MANGANO

This set includes *PMP Project Management Professional Exam Study Guide, 10th Edition*, and the *PMP Project Management Professional Exam Practice Tests, 2nd Edition*, to accompany the study guide. The study guide provides comprehensive review for the Project Management Institute's (PMI) PMP certification exam. This new tenth edition has been completely revised to align with the latest version of the exam. Receive one year of FREE access after activation to the Sybex online interactive learning environment, to help you prepare with superior study tools, rigorous chapter tests, and practice exams that allows you to gauge your readiness and avoid surprises on exam day. The practice tests are an ideal additional study resource, providing practice questions covering all three performance domains.

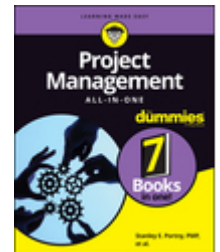


DECEMBER 2020 1032PP
978-1-119-67579-2 PB \$80.00 (Japan)
Project Management

Project Management All-in-One For Dummies

STANLEY E. PORNTY

Project Management All-in-One For Dummies is the premier go-to for PMs looking for hands-on information and advice to take their organizational, planning, and execution skills to new heights. Inside:



- Project Management For Dummies
- Agile Project Management For Dummies
- Project Management Checklists For Dummies
- Managing Millennials For Dummies
- SCRUM For Dummies
- Microsoft Project 2019
- Product Management For Dummies
- Enterprise Agility For Dummies

DECEMBER 2020 608PP
978-1-119-70026-5 PB \$39.99 (Japan)
Project Management

Never Say Sell

How the World's Best Consulting and Professional Services Firms Expand Client Relationships

TOM MCMAKIN, UNITED STATES & JACOB PARKS

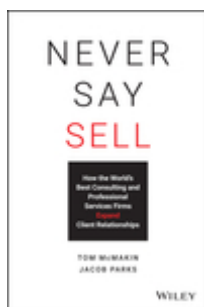
Learn the secrets of how recurring revenue is driven at expert firms like BCG, KPMG, EY, and more

Never Say Sell: How the World's Best Consulting and Professional Services Firms Expand Client Relationships explains how to scale individual engagements into long-term business relationships. Cowritten by Tom McMakin, the coauthor of *How Clients Buy* and expert in account development, and colleague Jacob Parks, this book provides insights from key rainmakers at firms like Accenture, IBM, and more into how they drive growth from existing relationships.

Never Say Sell is a business development guide for professional service providers like consultants, accountants, and lawyers, whether they are sole proprietors or members of account teams tasked with expanding key accounts.

Doing good work with existing clients is not enough to have them come back to you again and again. You must do more. This book explores the techniques and methods that leading professional service providers use to add value, cross sell, and drive recurring revenue from existing engagements.

Never Say Sell will help you turn one-and-done clients into some of your most exciting and lucrative relationships. It is a must-have for any professional who benefits from repeat business.

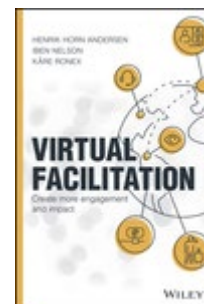


DECEMBER 2020 256PP
978-1-119-68378-0 CL \$29.00 (Japan)
Consulting

Virtual Facilitation

HENRIK HORN ANDERSEN, IBEN NELSON & KARE RONEK

The covid-19 crisis accelerated virtual collaboration exponentially, creating an instant need for virtual facilitation skills. People and organizations have started on this journey, but do not yet have the experience and competencies to use this medium for effective and energetic collaboration.



Virtual Facilitation will show you how to have successful virtual events, virtual meetings, virtual workshops and training. Packed full of tips, insights and real case studies, the author's practical approach to virtual facilitation will show you how to effectively learn the skills needed to succeed. This book will also cover:

- The role of the facilitator, and what is expected
- The design of the process
- How to avoid common mistakes
- Implementation and influencing behaviour

Virtual Facilitation will show you how to plan for virtual events, how to develop skills to be able to host virtual meetings, virtual courses, virtual training, virtual workshops, and virtual larger events to meet 21st century needs.

DECEMBER 2020 214PP
978-1-119-76531-8 CL \$24.95 (Japan)
Training & Development

Listen Up!

How to Tune In to Customers and Turn Down the Noise

KAREN MANGIA

There's one voice that matters more than any other: the voice of the customer. Learn how to fully understand the number one source of your organization's prosperity, profits, and productivity. These actionable insights will help you to better connect with your customers and gain an undeniable lead over your competition.



Listen Up!: How to Tune In to Customers and Turn Down the Noise teaches readers how to create a customer experience that's built on listening and designed for engagement. Author and Salesforce executive Karen Mangia has created a practical and comprehensive examination of how best-of-breed companies listen and respond to customer demands--creating a foundation of customer success, loyalty, and brand evolution.

Listen Up! features discussions about:

- How to go beyond the survey: best practices associated with customer understanding, customer experience, and customer service
- How to move from deep listening to data-based insights into customer behavior
- The statistics and stories behind companies, organizations, and even city governments that have created a customer-centric culture
- How powerful new questions can offer a fresh perspective into any customer, anywhere: empowering your customer-facing teams, including sales teams, in the current market
- Winning greater mindshare, and market share, with a fresh look at the future of customer service, customer success, and customer satisfaction

Perfect for anyone in a leadership or management role in a customer-facing organization, including sales teams, business development leaders and marketing professionals.

DECEMBER 2020 UnknownPP
978-1-119-72385-1 CL \$25.00 (Japan)
Marketing & Sales

Gamification Marketing For Dummies

ZARRAR CHISHTI

Grow your customer base with games!



Gamification is the practice of adding elements of gameplay into marketing materials to better engage customers. In *Gamification Marketing For Dummies*, you'll learn to use this proven strategy to capture the attention of your target markets and boost your results using valuable gamification data.

Games are fun! That's why gamification is so successful--customers will jump at the chance to play and win your custom-developed marketing game. You'll connect with your customers and create lasting memories. Whether or not you are digitally savvy, this book will teach you the basics of gamification, from choosing the right game to capturing the user behavior data that the game generates.

- Use games to increase customer engagement and marketing results
- Learn how to choose or commission the right games for your market
- Plan and execute a successful gamification strategy
- Learn from data generated inside your game for valuable market insights

From simple strategies like customer loyalty programs to complex, branded, social game apps, this book will point in the direction of gamification that works for you.

DECEMBER 2020 304PP
978-1-119-66397-3 PB \$29.99 (Japan)
Strategic Marketing

The Six Disciplines of Agile Marketing

Proven Practices for More Effective Marketing and Better Business Results

JIM EWEL

Transform your organization using Agile principles with this proven framework

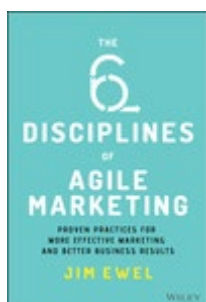
The Six Disciplines of Agile Marketing provides a proven framework for applying Agile principles and processes to marketing. Written by celebrated consultant Jim Ewel, this book provides a concise, approachable, and adaptable strategy for the implementation of Agile in virtually any marketing organization.

The Six Disciplines of Agile Marketing discusses six key areas of practical concern to the marketer who hopes to adopt Agile practices in their organization. They include:

- Aligning the team on common goals
- Structuring the team for greater efficiency
- Implementing processes like Scrum and Kanban in marketing
- Validated Learning
- Adapting to Change
- Creating Remarkable Customer Experiences

Perfect for anyone in a leadership position at a marketing agency, *The Six Disciplines of Agile Marketing* also belongs on the bookshelf of anyone interested in improving the efficacy and efficiency of their own marketing efforts. Full of practical advice and concrete strategies that have been successfully implemented at Fortune 500, Silicon Valley, and non-profit organizations alike, this book is an indispensable resource to help your organization make the leap to Agile.

DECEMBER 2020 256PP
978-1-119-71203-9 CL \$25.00 (Japan)
Strategic Marketing



The Virtual Sales Handbook

A Hands-on Approach to Engaging Customers

CHRISTIAN MILNER NYMAND & MANTE KVEDARE

The COVID-19 crisis has fundamentally changed the way B2B companies interact with customers, forcing companies to transition from face-to-face meetings to virtual customer interactions overnight. Even after the initial local and regional travel limitations are lifted, corporate travel is expected to be limited and it is uncertain that customers will be open to receive external partners on-site.

This presents an urgent need for companies to transform towards a more virtual customer engagement model -- where the first (and the most urgent) step is upskilling the commercial frontline by equipping them with the confidence, skillset and toolbox needed to effectively engage customers virtually -- and hence secure existing and future revenue streams.

The Virtual Sales Handbook will target Commercial Frontline people (customer-facing people such as sales representatives, commercial managers, customer relationship managers) and will have a very hands-on, concrete "how-to" approach -- so the reader can apply the learnings and concepts in their customer interactions immediately. We will equip the reader with the confidence, skillset and toolbox needed to effectively engage customers virtually -- making them more fit for how sales in the future will look like and hence drive their existing and future revenue streams.

FEBRUARY 2021 256PP
978-1-119-77576-8 CL \$24.95 (Japan)
Sales Management

Checklists and Illustrative Financial Statements

Not-for-Profit Entities 2020

AICPA

Financial statement preparation for not-for-profit entities can be complex. Whether preparing or auditing them, accountants will find the tools they need in this helpful resource. This checklist contains the most comprehensive financial reporting and disclosure guidance available, plus a complete set of illustrative financial statements to assist you in understanding and applying standards like ASU 2018-08, and 2014-09.



New in 2020:

- revenue recognition
- grants and contracts

SERIES: AICPA

DECEMBER 2020 240PP
978-1-950688-45-6 PB \$79.00 (Japan)
Non-Profit Organizations / Finance & Accounting

The Tax Law of Private Foundations

2020 Cumulative Supplement

5th Edition

BRUCE R. HOPKINS, KANSAS CITY, UNITED STATES

Member, District of Columbia Bar

DECEMBER 2020 UnknownPP
978-1-119-75905-8 PB \$150.00 (Japan)
Non-Profit Organizations / Finance & Accounting



Undercurrents

Channeling Outrage to Spark Practical Activism

STEVE DAVIS

Improve your knowledge of the ways global trends shape activism with this insightful volume that will supercharge your impact on communities and organizations

Undercurrents: Channeling Outrage to Spark Practical Activism brings the perspective of experienced global social innovation leader, scholar and speaker, Steve Davis, to bear on some of the most powerful and helpful macrorends rippling through society today.

The book teaches readers how to harness their outrage and capitalize on global trends to instigate and encourage change across the world. The author identifies five global undercurrents with outsized importance that are shaping our world:

- Global economies are moving away from the old pyramid model into a diamond, bringing powerful new possibilities for human well-being;
- Communities are becoming the customer -- rather than passive beneficiaries - as social change is increasingly led by local voices and activists;
- Equity is leveling and reshaping the field of social change and activism;
- Digital disruption, through the power of data and digital tools, impacts almost everything; and
- The middle of the journey to social change is becoming surprisingly sexy, as we focus on adapting innovation for widespread impact at scale.

The book's lessons are supported throughout by stories, experiences, data and observations from across the globe. *Undercurrents* is perfect for activists and leaders of all kinds who aim to increase their impact on their organizations and the world at large, as well as the intellectually curious who hope to increase their understanding of the changing world around them.



DECEMBER 2020 208PP
978-1-119-66923-4 CL \$30.00 (Japan)
Non-Profit Organizations / Management Leadership

Generation Impact

How Next Gen Donors Are Revolutionizing Giving Updated and Expanded Edition

SHARNA GOLDSEKER & MICHAEL MOODY

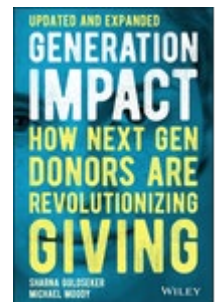
An insider's guide to the coming philanthropic revolution

Meet the next generation of big donors--the Gen X and Millennial philanthropists who will be the most significant donors ever and will shape our world in profound ways. Hear them describe their ambitious plans to revolutionize giving so it achieves greater impact. And learn how to help them succeed in a world that needs smart, effective donors now more than ever.

As "next gen donors" step into their philanthropic roles, they have not only unprecedented financial resources, but also big ideas for how to wield their financial power. They want to disrupt the traditional world of charitable giving, and they want to do so *now*, not after they retire to a life of philanthropic leisure.

Generation Impact: How Next Gen Donors Are Revolutionizing Giving pulls back the curtain on these rising next gen donors and the "Impact Revolution" they seek, offering extensive firsthand accounts and expert analysis of their hands-on, boundary-pushing strategies, as well as their determination to honor the legacies they've inherited and the values they hold.

This Updated and Expanded edition includes new, practical resources designed to help those who work with next gen donors to engage with them in even more productive and effective ways -- to help them become the sort of transformational donors we all need them to be in this pivotal time. Three Best Practice Guides offer targeted tips for key audiences -- nonprofits and fundraisers, families, and advisors -- and introduce new data and additional featured donors. Adapting to the revolution that next gen donors are bringing may not be easy, but this book can help.



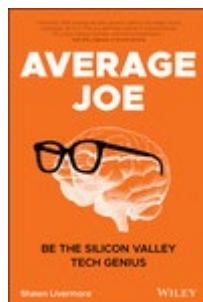
DECEMBER 2020 UnknownPP
978-1-119-74640-9 PB \$28.00 (Japan)
Non-Profit Organizations / Fundraising & Grantsmanship

Average Joe

Be the Silicon Valley Tech Genius

SHAWN LIVERMORE

The book covers numerous tech entrepreneurial founders and software developers, and the exciting brands or products that they created. It goes deep on a handful of them, narrowly divulging exactly how a few software developers and startup founders created breakthrough tech products like **Gmail**, **Dropbox**, **Ring**, **Snapchat**, **Bitcoin**, **Groupon**, and more. It highlights and unpacks the general hero-worship that the media and our own minds practice about tech founders and tech entrepreneurs. This idealization of tech success can create a paradox, preventing average tech professionals from their own successful journeys. This book provides hard evidence that anyone in tech can *create*, and anyone on the peripheral of tech can break through to the center where innovation, creativity, and opportunity meet.



The anecdotes, stories, evidence, facts, arguments, logic, principles, and techniques provided in this book have helped individuals and businesses engage in slow creation cycles, improve the morale of their development teams, and increased their delivery potential of their technology solutions overall.

DECEMBER 2020 480PP
978-1-119-61887-4 PB \$35.00 (Japan)
Small Business & Entrepreneurship

Systemic Innovation

Entrepreneurial Strategies and
Market Dynamics

EDITOR DIMITRI UZUNIDIS



DECEMBER 2020 280PP
978-1-78630-658-6 CL \$145.00 (Japan)
Small Business & Entrepreneurship

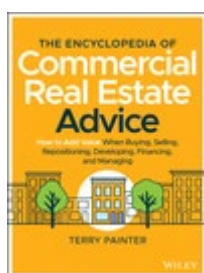
The Encyclopedia of Commercial Real Estate Advice

How to Add Value When Buying, Selling, Repositioning, Developing, Financing, and Managing

TERRY PAINTER

The first Encyclopedia of Commercial Real Estate

The Encyclopedia of Commercial Real Estate Advice covers everything anyone would ever need to know on the subject. The over 300 entries inside not only have hard hitting advice, but many share enlightening stories from the authors experience working on hundreds of deals. This book is actually a good read, and pulls off making the subjects enjoyable, interesting, and easy to understand. As a bonus, there are over 150 time and money savings tips many of which could save or make you 6 figures or more.



Some of the questions this informative guidebook will answer for you are...

- Who Are You When Buying a Commercial Property?
- How to Value a Property in 15 Minutes
- Should You Hold, Sell, or Cash Out Refinance?
- The 7 Critical Mistakes to Avoid When Repositioning
- How To Recession Proof Your Commercial Property
- How You Can Soar To The Top by Becoming a Developer
- How to Choose The Right Loan and Make Sure It Will Close as Proposed
- How to Manage Your Property Manager

Whenever you have a question on any commercial real estate subject, just open this invaluable book and get the guidance you are looking for.

Find author Terry Painter:
apartmentloanstore.com
businessloanstore.com

DECEMBER 2020 464PP
 978-1-119-62911-5 CL \$49.00 (Japan)
 Property & Real Estate

Building a Wellness Business That Lasts

How to Make a Great Living Doing What You Love

RICK STOLLMEYER

Start and grow a durable business in the rapidly growing wellness industry!

Wellness has become one of the largest and most important business opportunities of our age, fueled by massive societal trends, rapid technology innovations and hundreds of thousands of wellness business entrepreneurs. It is these independent teachers, trainers, and therapists, and studio, gym, spa and salon owners who transforming shopping malls and downtown districts with wellness experiences that help hundreds of millions of people live healthier, happier lives.

Engaging Virtual Meetings

Openers, Games, and Activities for Communication, Morale, and Trust

JOHN CHEN, SEATTLE

Build a cohesive and high-performing virtual team with this fantastic resource full of actionable advice and practical tips

Engaging Virtual Meetings: Openers, Games, and Activities for Communication, Morale, and Trust offers concrete strategies and practical tips for bringing teams together across the digital divide. While many struggle to build teams in a virtual environment, accomplished author John Chen has found ways to create team cohesion, promote engagement, and increase virtual participation. In *Engaging Virtual Meetings*, he shares these methods with you, and also:

- Describes virtual tools for promoting effective teamwork, like the Participant Map
- Teaches you to optimize your teleconference setup for ideal audio and video
- Illustrates ways to apply these methods in any virtual environment, including Zoom, Microsoft Teams, and more
- Explores how to debrief your participants to improve your methods over time

Perfect for anyone working in or with the increasingly prevalent virtual environment, *Engaging Virtual Meetings* is a great addition to the bookshelves of anyone interested in how to create and build engagement in team settings of all kinds.

DECEMBER 2020 352PP
978-1-119-75088-8 PB \$29.00 (Japan)
Business & Management Special Topics



Reimagining Businesses with AI

SUDHI SINHA & KHALED AL HURAIMEL

Discover what AI can do for your business with this approachable and comprehensive resource

Reimagining Businesses with AI acquaints readers with both the business challenges and opportunities presented by the rapid growth and progress of artificial intelligence. The accomplished authors and digital executives of the book provide you with a multi-industry approach to understanding the intersection of AI and business.

The book walks you through the process of recognizing and capitalizing on AI's potential for your own business. The authors describe:

- How to build a technological foundation that allows for the rapid implementation of artificial intelligence
- How to manage the disruptive nature of powerful technology while simultaneously harnessing its capabilities
- The ethical implications and security and privacy concerns raised by the spread of AI

Perfect for business executives and managers who seek a jargon-free and approachable manual on how to implement artificial intelligence in everyday operations, *Reimagining Businesses with AI* also belongs on the bookshelves of anyone curious about the interaction between artificial intelligence and business.

DECEMBER 2020 304PP
978-1-119-70915-2 CL \$39.95 (Japan)
Business & Management Special Topics



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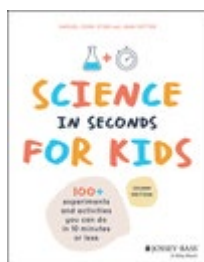
Science in Seconds for Kids

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

SAMUEL CORD STIER & 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.



DECEMBER 2020 UnknownPP
978-1-119-68547-0 PB \$17.99 (Japan)
CHILDREN'S SCIENCE

土木工学

BIM Cube

Information management for digital construction

TOMO CEROVSEK

Offers readers a workable guide for successful implementation of Building Information Modelling (BIM) in digitization of construction practice and built environment

This book explains why and how the development and advancement of BIM is a key ingredient of digital construction with historic potential to transform the construction industry. The threefold framework (standardization, lifecycle and interoperability) with embedded systems thinking targets the advancements in digital construction. It guides readers to BIM proficiency and positive ROI by way of thorough understanding of key methodologies and challenges.

The book facilitates comprehension by providing end-of-chapter body of knowledge reviews.

Each chapter in *BIM Cube: Information Management for Digital Construction* begins with an introduction to the topic, followed by the [FACTS] structure: starting with [F] -- Factual key that provides base definitions; [A] -- Analysis of relevant states; related [C] -- Causes and effects; which are all organized into a [T] -- Taxonomies that define principles of classifications; and supplemented with [S] -- Systems of process maps that illustrate the application of principles.

The book offers a comprehensive coverage of: standardization in Information Management (IM); Business Process Improvement (BPI); project interaction (communication, coordination, collaboration); Digital Construction (DC); parametric design; technical features and business functions of BIM; BIM QA/QC; BIM technical due-diligence and value engineering; Project flow theory; Industry 4.0; Digital Twins (DT); technical, semantic and organizational interoperability.



DECEMBER 2020 320PP
978-1-119-24290-1 CL \$110.00 (Japan)
Structural & Building Engineering

A Handbook for the Sustainable Use of Timber in Construction

JIM COULSON

Director and Technical Timber Consultant, Technology for Timber Ltd, Ripon, N. Yorkshire

There is a growing interest in the use of wood in new building, not least because it has low embodied energy and it is an infinitely renewable resource. Despite a great deal of innovation in the use of wood in construction in recent years, the fundamentals of using this natural material have not really changed: the different types of wood have different properties and differing responses to the environment in which they are used. When used correctly, wood is an excellent building material but when inappropriately specified or used, it may cause problems. Poor understanding of the properties of wood and the many species and grades that are commercially available can result in this versatile material performing below expectation, and certainly less well than could have been achieved with greater understanding about how best to use it.

How Wood Works is a combination of the author's two previous books, into one comprehensive volume. Revised and updated material to deal with the essentials of structural design and building in timber, in a sustainable manner while reflecting on changes in Standards and other Regulations and expanding on certain technical areas -- such as more detailed wood science and wood structure.

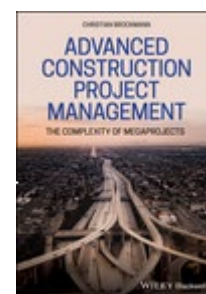
DECEMBER 2020 288PP
978-1-119-70109-5 CL \$95.00 (Japan)
Timber Construction

Advanced Construction Project Management

The Complexity of Megaprojects

CHRISTIAN BROCKMANN

Advanced Construction Project Management covers all aspects of megaproject management from the contractor's perspective, providing all stakeholders with a better understanding of the complexity of megaprojects and contractors with better concepts and tools for achieving impeccable implementation. It describes the structure, mechanics and dynamics of megaprojects and the management activities required, as well as giving the reader appropriate tools for the management of megaprojects and for managing stakeholder integration.



DECEMBER 2020 288PP
978-1-119-55476-9 CL \$115.00 (Japan)
Construction Management

Facilities Manager's Desk Reference

3rd Edition

JANE M. WIGGINS

To help the facilities manager meet the needs of their organisation, the Facilities Manager's Desk Reference provides the facilities manager with an invaluable source of highly relevant, practical information on all the principal FM services, as well as information on legal compliance issues, the development of strategic policies and tactical best practice information. Fully updated, and presented in an easily readable, concise format with a clear practitioner perspective, the book covers both hard and soft facilities management issues. It will be a first point of reference for all busy facilities managers, saving them time by providing access to the information needed to ensure the safe, effective and efficient running of any facilities function.

DECEMBER 2020 624PP
978-1-119-63359-4 PB \$55.00 (Japan)
FACILITIES MANAGEMENT

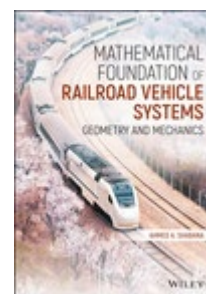
Mathematical Foundation of Railroad Vehicle Systems

Geometry and Mechanics

AHMED A. SHABANA

University of Illinois at Chicago

Mathematical Foundation of Railroad Vehicle Systems: Geometry and Mechanics develops the mathematical foundation of railroad vehicle systems with emphasis placed on the integration of geometry and mechanics. This geometry/mechanics integration is necessary for developing a sound mathematical foundation, accurate formulation of the nonlinear dynamic equations, and general computational algorithms that can be effectively used in the virtual prototyping, analysis, design, and performance evaluation of railroad vehicle systems. Mathematical Foundation of Railroad Vehicle Systems: Geometry and Mechanics introduces basic concepts, formulations and computational algorithms used in railroad vehicle system dynamics. Shows how new mechanics-based approaches such as the absolute nodal coordinate formulation (ANCF) can be used to achieve the geometry/mechanics integration. It also discusses new problems and issues to be addressed in this area, and describes how geometry and mechanics approaches can be used in studying derailments.



DECEMBER 2020 450PP
978-1-119-68904-1 CL \$140.00 (Japan)
Transportation Engineering

化学工学

Process Industries 1

Sustainability, Managerial and Scientific
Fundamentals

EDITOR JEAN-PIERRE DAL PONT & EDITOR MARIE DEBACQ

DECEMBER 2020 264PP
978-1-78630-442-1 CL \$145.00 (Japan)
General & Introductory Chemical Engineering

Process Industries 2

Digitalization a New Key Driver for the Industrial
Management

EDITOR JEAN-PIERRE DAL PONT & EDITOR ELIAS
MAVROMATIDIS

Harokopio University, Athens, Greece

DECEMBER 2020 274PP
978-1-78630-562-6 CL \$145.00 (Japan)
General & Introductory Chemical Engineering

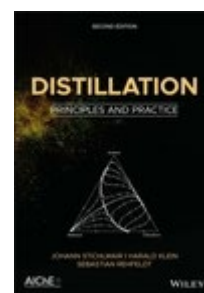
Distillation

Principles and Practice, 2nd Edition

JOHANN G. STICHLMAIR, HARALD KLEIN & SEBASTIAN
REHFELDT

Technische University Munchen, Germany; The University of
Texas at Austin, Texas

**Distillation Principles and Practice
Second Edition** covers all the main
aspects of distillation including the
thermodynamics of vapor/liquid
equilibrium, the principles of distillation,
the synthesis of distillation processes,
the design of the equipment, and the
control of process operation.



Most textbooks deal in detail with the principles and laws of distilling binary mixtures. When it comes to multi-component mixtures, they refer to computer software nowadays available. One of the special features of the second edition is a clear and easy understandable presentation of the principles and laws of ternary distillation. The right understanding of ternary distillation is the link to a better understanding of multi-component distillation. Ternary distillation is the basis for a conceptual process design, for separating azeotropic mixtures by using an entrainer, and for reactive distillation, which is a rapidly developing field of distillation.

Another special feature of the book is the design of distillation equipment, i.e. tray columns and packed columns. In practice, empirical know-how is preferably used in many companies, often in form of empirical equations, which are not even dimensionally correct. The objective of the proposed book is the derivation of the relevant equations for column design based on first principles. The field of column design is permanently developing with respect to the type of equipment used and the know-how of two-phase flow and interfacial mass transfer.

DECEMBER 2020 688PP
978-1-119-41466-7 CL \$195.00 (Japan)
PROCESS ENGINEERING

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Foundations of Chemistry

An Introductory Course for Science Students

ELIZABETH PAGE & PHILIPPA B. CRANWELL

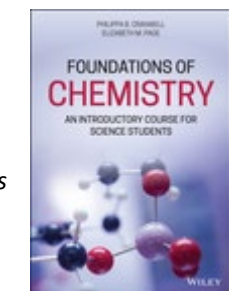
A foundation-level guide to chemistry for physical, life sciences and engineering students

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.

DECEMBER 2020 576PP
978-1-119-51387-2 PB \$60.00 (Japan)
Preparatory / Introductory Chemistry



TEXT

Analytical Scientists in Pharmaceutical Product Development

Task Management and Practical Knowledge

KANGPING XIAO

This book explains task management concepts and outlines practical knowledge to help pharmaceutical analytical scientists become productive and enhance their career. *Presents broad topics such as product development process, regulatory requirement, task and project management, innovation mindset, molecular recognition, separation science, degradation chemistry, and statistics. *Provokes thinking through figures, tables, and case studies to help understand how the various functions integrate and how analytical development can work efficiently and effectively by applying science and creativity in their work. *Discusses how to efficiently develop a fit-for-purpose HPLC method without screening dozens of columns, gradients, or mobile phase combinations each time, since the extra effort may not provide enough of a benefit to justify the cost and time in a fast-paced product development environment. This book explains task management concepts and outlines practical knowledge to help pharmaceutical analytical scientists become productive and enhance their career.

*Presents broad topics such as product development process, regulatory requirement, task and project management, innovation mindset, molecular recognition, separation science, degradation chemistry, and statistics.

*Provokes thinking through figures, tables, and case studies to help understand how the various functions integrate and how analytical development can work efficiently and effectively by applying science and creativity in their work.

*Discusses how to efficiently develop a fit-for-purpose HPLC method without screening dozens of columns, gradients, or mobile phase combinations each time, since the extra effort may not provide enough of a benefit to justify the cost and time in a fast-paced product development environment.



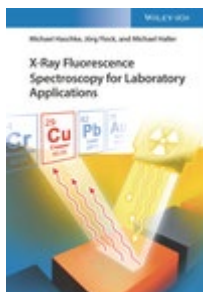
DECEMBER 2020 268PP
978-1-119-54782-2 CL \$115.00 (Japan)
Analytical Chemistry

X-Ray Fluorescence Spectroscopy for Laboratory Applications

MICHAEL HASCHKE, JORG FLOCK & MICHAEL HALLER

Provides comprehensive coverage on using X-ray fluorescence for laboratory applications

This book focuses on the practical aspects of X-ray fluorescence (XRF) spectroscopy and discusses the requirements for a successful sample analysis, such as sample preparation, measurement techniques and calibration, as well as the quality of the analysis results.



X-Ray Fluorescence Spectroscopy for Laboratory Applications begins with a short overview of the physical fundamentals of the generation of X-rays and their interaction with the sample material, followed by a presentation of the different methods of sample preparation in dependence on the quality of the source material and the objective of the measurement. After a short description of the different available equipment types and their respective performance, the book provides in-depth information on the choice of the optimal measurement conditions and the processing of the measurement results. It covers instrument types for XRF; acquisition and evaluation of X-Ray spectra; analytical errors; analysis of homogeneous materials, powders, and liquids; special applications of XRF; process control and automation.

- An important resource for the analytical chemist, providing concrete guidelines and support for everyday analyses
- Focuses on daily laboratory work with commercially available devices
- Offers a unique compilation of knowledge and best practices from equipment manufacturers and users
- Covers the entire work process: sample preparation, the actual measurement, data processing, assessment of uncertainty, and accuracy of the obtained results

X-Ray Fluorescence Spectroscopy for Laboratory Applications appeals to analytical chemists, analytical laboratories, materials scientists, environmental chemists, chemical engineers, biotechnologists, and pharma engineers.

DECEMBER 2020 520PP
978-3-527-34463-5 CL \$190.00 (Japan)
Analytical Chemistry

Analytical Techniques in Forensic Science

ROSALIND WOLSTENHOLME, SUE JICKELLS & SHARI FORBES

Sheffield Hallam University; University of East Anglia;
University of Quebec Trois Rivières

Analytical Techniques in Forensic Science

Analytical Techniques in Forensic Science looks at the interface between analytical chemistry and, primarily, trace evidence in forensic science. Each section includes an introduction to the area followed by laboratory techniques grouped by shared operating principles. Incorporating specific theory, application to forensic analytes, interpretation, forensic specific developments and case studies, coverage of each technique is clear and comprehensive. Techniques covered include UV-Vis and vibrational spectroscopy, mass spectrometry and gas and liquid chromatography. The applications include evidence types such as fibres, paint, drugs and explosives. Carefully structured throughout, each chapter carries a section on interpretation and includes relevant case examples where appropriate. In order to develop the discussion more fully focus is placed on data collection, subsequent analysis, what information has been obtained and what this means in the context of a case. This process can be markedly different in the forensic arena compared to other disciplines and dependent on the case severity and/or budget. Further, the developments section in each chapter will explore novel and future applications for analytical techniques highlighting the problem solving nature of much of forensic analysis; this is the state/amount of material we have, this is the information we want to get from it, which technique can we use or do we need to develop a new method?



DECEMBER 2020 512PP
978-1-119-97828-2 CL \$135.00 (Japan)
Forensics

Environmental Chemistry

A Comprehensive Approach

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

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.

DECEMBER 2020 666PP
978-1-119-65091-1 CL \$249.00 (Japan)
Environmental Chemistry

Biobased Packaging

EDITOR SALIT MOHD SAPUAN, EDITOR RUSHDAN AHMAD ILYAS
& SERIES EDITOR CHRISTIAN V. STEVENS

Ghent University, Belgium

Presents a holistic view of biobased packaging including preparation and characterization of different biobased packaging materials, environmental issues and economic considerations.



- Strong focus on materials applications and industrial relevance, with consideration of economic, environmental and sustainability aspects
- Biobased materials have attracted great deal of interest as sustainable, environmentally-friendly alternatives to conventional petroleum-based plastics for packaging applications
- Sustainable packaging is a field of global interest with huge potential environmental benefits
- Part of the successful Wiley Series in Renewable Resources

SERIES: WILEY SERIES IN RENEWABLE RESOURCE

DECEMBER 2020 560PP
978-1-119-38107-5 CL \$200.00 (Japan)
Industrial 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.



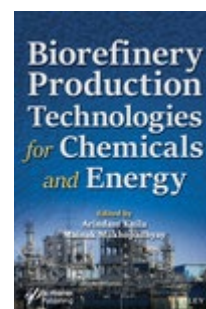
SERIES: ADVANCED BIOTECHNOLOGY

DECEMBER 2020 368PP
978-3-527-34530-4 CL \$205.00 (Japan)
Biotechnology (Chemistry)

Biorefinery Production Technologies for Chemicals and Energy

ARINDAM KUILA & MAINAK MUKHOPADHYAY

The world has shifted towards sustainable development for the generation of energy and industrially valuable chemicals. Biorefinery plays an important role in the integration of conversion process with high-end equipment facilities for the generation of energy, fuels and chemicals. The first part of the book presents the fundamentals of the biorefinery concept. The second part describes the biorefinery approach for production of several industrially important chemicals from waste biomass and agro residues. These chemicals include industrially important C4, C5 and C6 chemicals, propylene glycol, glycerol byproducts, dyes and inks etc. Each and every chemical has its own industrial value and the book describes the production processes and strategies at the industrial level. The final part of the book describes the various biorefinery approaches and economic analysis for the different types of biofuel production.



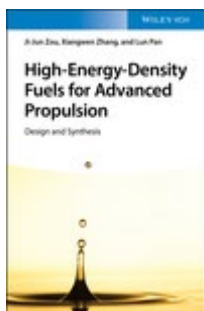
DECEMBER 2020 416PP
978-1-119-59142-9 CL \$225.00 (Japan)
Petrochemistry / Fuel

High-Energy-Density Fuels for Advanced Propulsion

Design and Synthesis

JI-JUN ZOU, XIANGWEN ZHANG & LUN PAN

This book comprehensively and systematically demonstrates the theory and practice of designing, synthesizing and improving the performance of fuels. The contents range from polycycloalkane fuels, strained fuels, alky-diamondoid fuels, hypergolic and nanofluid fuels derived from fossil and biomass. All the chapters together clearly describe the important aspects of high-energy-density fuels including molecular design, synthesis route, physiochemical properties, and their application in improving the aircraft performance. Vivid schematics and illustrations throughout the book enhance the accessibility to the relevant theory and technologies. This book provides the readers with fundamentals on high-energy-density fuels and their potential in advanced aerospace propulsion, and also provides the readers with inspiration for new development of advanced aerospace fuels.



DECEMBER 2020 500PP
978-3-527-34669-1 CL \$176.04 (Japan)
Petrochemistry / Fuel

Halogen Bonding in Solution

STEFAN HUBER

This unique book highlights recent developments in halogen bonding in solution, including applications in organic synthesis, biochemistry, and electrochemistry.

DECEMBER 2020 392PP
978-3-527-34731-5 CL \$190.00 (Japan)
Catalysis



Nanoparticles in Catalysis

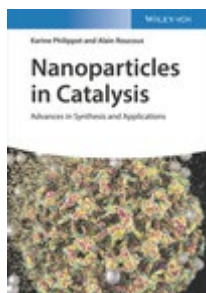
Advances in Synthesis and Applications

EDITOR KARINE PHILIPPOT & EDITOR ALAIN ROUCOUX

University of Toulouse, France

Written by an international team of leaders in the field, the book covers recent advances and new tools for the efficient synthesis of metal nanoparticles and their application in important catalytic reactions.

DECEMBER 2020 520PP
978-3-527-34607-3 CL \$195.98 (Japan)
Catalysis



Heterogeneous Catalysts

Advanced Design, Characterization and Applications

WEI YANG TEOH, ATSUSHI URAKAWA, YUN HAU NG & PATRICK SIT

Presents state-of-the-art knowledge of heterogeneous catalysts including new applications in energy and environmental fields

This book focuses on emerging techniques in heterogeneous catalysis, from new methodology for catalysts design and synthesis, surface studies and operando spectroscopies, ab initio techniques, to critical catalytic systems as relevant to energy and the environment. It provides the vision of addressing the foreseeable knowledge gap unfilled by classical knowledge in the field.

Heterogeneous Catalysts: Advanced Design, Characterization and Applications begins with an overview on the evolution in catalysts synthesis and introduces readers to facets engineering on catalysts; electrochemical synthesis of nanostructured catalytic thin films; and bandgap engineering of semiconductor photocatalysts. Next, it examines how we are gaining a more precise understanding of catalytic events and materials under working conditions. It covers bridging pressure gap in surface catalytic studies; tomography in catalysts design; and resolving catalyst performance at nanoscale via fluorescence microscopy. Quantum approaches to predicting molecular reactions on catalytic surfaces follows that, along with chapters on Density Functional Theory in heterogeneous catalysis; first principles simulation of electrified interfaces in electrochemistry; and high-throughput computational design of novel catalytic materials. The book also discusses embracing the energy and environmental challenges of the 21st century through heterogeneous catalysis and much more.

Heterogeneous Catalysts: Advanced Design, Characterization and Applications is an important book for catalytic chemists, materials scientists, surface chemists, physical chemists, inorganic chemists, chemical engineers, and other professionals working in the chemical industry.

DECEMBER 2020 768PP
978-3-527-34415-4 CL \$405.00 (Japan)
Heterogeneous Catalysis

The Greening of Pharmaceutical Engineering, Volume 4 Applications for Physical Disorder Treatments

Volume 4

M. R. ISLAM

This fourth volume in a four-volume set rounds out the set by offering new theories and applications for the diagnosis and treatment of physical disorders. Having laid the groundwork in the first three volumes, the authors now embark on significant, real-life scenarios that apply their philosophy to physical disorder treatments, after covering mental disorders in volume three. The goal of the project is to take the industry toward sustainability, not just in terms of the chemical engineering used to create medicines, but also environmentally, economically, and personally. Their unique approach uses a more holistic and philosophically cohesive method for treating mental disorders, making the industry "greener" and the patient healthier.

The four volumes in "The Greening of Pharmaceutical Engineering" are:

- * *Volume 1: Practice, Analysis, and Methodology*
- * *Volume 2: Theories and Solutions*
- * *Volume 3: Applications for Mental Disorder Treatments*
- * *Volume 4: Applications for Physical Disorder Treatments*

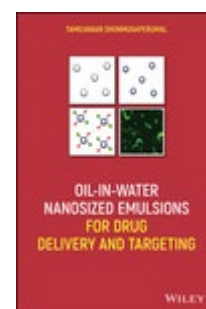
This ground-breaking set of books is a unique and state-of-the-art study that only appears here, within these pages. A fascinating study for the engineer, scientist, and pharmacist working in the pharmaceutical industry and interested in sustainability, it is also a valuable textbook for students and faculty studying these subjects.

DECEMBER 2020 UnknownPP
978-1-119-18377-8 CL \$225.00 (Japan)
Pharmaceutical & Medicinal Chemistry

Oil-in-Water Nanosized Emulsions for Drug Delivery and Targeting

TAMILVANAN SHUNMUGAPERUMAL

This book combines emulsion knowledge into a single, comprehensive volume, ideal for professionals and students involved in the areas of pharmaceutical science who are looking to learn about this emergent research concept.



- Compiles the step-by-step investigations made concerning the potential of nanosized emulsions on both drug delivery and drug targeting areas by different group of scientists in various laboratories across the world
- Inverts the common nano-emulsions coverage trend of focusing on focused on the particulate system itself, instead exploring the way to turn nanosized emulsions as biomedical tool, as well as, treating the in vitro and in vivo aspects after administration
- Provides an overview of the current state-of-the art regarding the development of tocol emulsions, emulsion adjuvants in immunization research, oxygen-carrying emulsions (called as fluorocarbon emulsion) and emulsions for delivering drugs to nasal and topical (ocular and transdermal) routes

DECEMBER 2020 512PP
978-1-119-58522-0 CL \$250.00 (Japan)
Pharmaceutical & Medicinal Chemistry

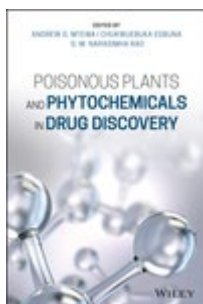
Poisonous Plants and Phytochemicals in Drug Discovery

ANDREW G. MTEWA, CHUKWUEBUKA EGBUNA & G. M. NARASIMHA RAO

Focusing on phytochemicals and their potential for drug discovery, this book offers a comprehensive resource on poisonous plants and their applications in chemistry and in pharmacology.

Provides a comprehensive resource on phytotoxins, covering historical perspectives, modern applications, and their potential in drug discovery- Covers the mechanisms, benefits, risks and management protocols of phytotoxins in a scientific laboratory and the usefulness in drug discovery - Written and edited by leading researchers in phytochemistry, medicinal chemistry, analytical chemistry, toxicology, and more - Presents chapters in a carefully designed, clear order, making it an ideal resource for the academic researcher or the industry professional at any stage in their career

- Provides a comprehensive resource on phytotoxins, covering historical perspectives, modern applications, and their potential in drug discovery
- Covers the mechanisms, benefits, risks and management protocols of phytotoxins in a scientific laboratory and the usefulness in drug discovery
- Presents chapters in a carefully designed, clear order, making it an ideal resource for the academic researcher or the industry professional at any stage in their career



DECEMBER 2020 416PP
978-1-119-65023-2 CL \$195.00 (Japan)
Pharmaceutical & Medicinal Chemistry

The Chemistry of Organoboron Compounds

MARK GANDELMAN, ILAN MAREK, JOEL F. LIEBMAN & ZVI RAPPOPORT, ISRAEL

Department of Chemistry, Israel Institute of Technology, Haifa, Israel; University of Maryland, USA; The Hebrew University, Jerusalem

The ultimate resource in organoboron chemistry

Professor Mark Gandelman and his colleagues delve deeply into the theory, structure, analysis, synthesis, and reactions of organoboron chemistry in *The Chemistry of Organoboron Compounds*. Organoborons are used heavily as highly efficient reagents in many reactions, including cross-coupling and radical reactions. The highly regarded authors have tied together organic-chemical and physico-chemical knowledge usually unavailable from a single source. The book focuses on the use of completely biodegradable "green" reagents, as opposed to environmentally hazardous heavy metal catalysts.

The Chemistry of Organoboron Compounds delivers comprehensive and complete information on:

- The behavior of organoboron compounds
- The use of organoboron compounds in organic synthesis
- The commercial applications of organoboron compounds

As a volume in the celebrated Patai book series, *The Chemistry of Organoboron Compounds* includes all the features that readers of that series are used to enjoying, including a comprehensive index at the back of the book.

SERIES: PATAI'S CHEMISTRY OF FUNCTIONAL GROUPS

DECEMBER 2020 1062PP
978-1-119-51804-4 CL \$1065.00 (Japan)
Organic Chemistry

Methodologies in Amine Synthesis

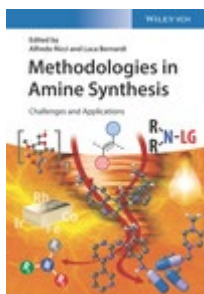
Challenges and Applications

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.

DECEMBER 2020 470PP
978-3-527-34739-1 CL \$170.16 (Japan)
Organic Chemistry



Ribozymes

EDITOR SABINE MULLER, EDITOR BENOIT MASQUIDA & EDITOR WADE WINKLER

This all-encompassing reference on ribozymes integrates the knowledge that has gained in the field over the past 35 years, with contributions by virtually all leading experts in the field.

Organized in seven major parts, it describes general principles and strategies of nucleic acid catalysis, introduces naturally occurring ribozymes including the search for new catalytic motifs or novel genomic locations of known motifs, followed by a part on artificial ribozymes developed by in vitro selection (SELEX). The fourth covers DNAzymes, their development and potential application. Engineering of allosteric ribozymes for artificial regulation of gene expression, the design of ribozymes and DNAzymes for medicinal and environmental diagnostics and as therapeutic tools are covered in parts 5 and 6. The final part looks at tools and methods in ribozyme research, including the techniques and assays for structural and functional characterization of nucleic acid catalysts.



DECEMBER 2020 788PP
978-3-527-34454-3 CL \$445.00 (Japan)
Biochemistry (Chemical Biology)

コンピューティング

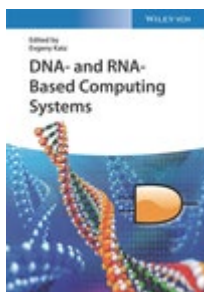
DNA- and RNA-Based Computing Systems

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.

DECEMBER 2020 450PP
978-3-527-34720-9 CL \$203.34 (Japan)
Biomolecules (DNA, RNA, Peptides, etc.)

**Podcasting For Dummies**

4th Edition

TEE MORRIS & CHUCK TOMASI

Expert info on producing podcasts

With more and more people turning to podcasts for on-demand, mobile entertainment and information, the market for new podcasts has never been healthier—or more competitive. Big companies and A-list celebrities are starting to get in on the action, so it's more important than ever to produce content that sets you apart. Podcasting For Dummies, 4th Edition offers a fast and easy way to get the know-how you need to produce and distribute your own podcast. Written by a pair of podcasting pioneers, this book shares insight on the technology behind recording, editing, and sharing podcasts along with tips on how to produce a pro-level podcast and find your audience.

**Inside:**

Getting the gear you need

Finding your podcasting voice

Preparing for interviews

Recording your podcast

Editing your podcast

Promoting your podcast

DECEMBER 2020 UnknownPP
978-1-119-71181-0 PB \$26.99 (Japan)
INTERNET GENERAL

コミュニケーション

**Systems and Network Infrastructure
Integration**

Design, Implementation, Safety
and Supervision

SAIDA HELALI



DECEMBER 2020 208PP
978-1-78630-526-8 CL \$135.00 (Japan)
Computing Special Topics

Wi-Fi

JULIAN THOMAS, ROWAN WILKEN & ELLIE RENNIE

READERSHIP: Undergraduates, postgraduates and scholars in
Media and Communication, New Media, Internet Studies,
Social Studies of Technologies, Cultural Studies, Sociology,
and Human-Computer Interaction.

SERIES: DIGITAL MEDIA AND SOCIETY

DECEMBER 2020 500PP
978-1-5095-2989-6 CL \$64.95 (Japan)
978-1-5095-2990-2 PB \$22.95 (Japan)
Media Studies

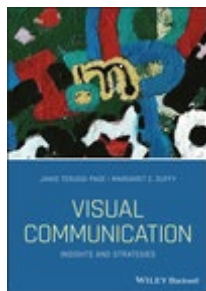
Visual Communication

Insights and Strategies

JANIS TERUGGI PAGE & MARGARET DUFFY

Teaches visual literacy, theory, scholarly critique, and practical application of visuals in professional communication careers

Based on years of research, *Visual Communication Insights and Strategies* explores visual imagery in advertising, news coverage, political discourse, popular culture, and digital and social media technologies. It is filled with insights into the role of visuals in our dynamic social environment and contains strategies on how to use them.



The authors teach theoretically-informed literacy and critical analysis of visual communication and show how to assess and apply this knowledge in the fields of advertising, public relations, journalism, organizational communication, and intercultural communication. This important book:

- Reveals how to analyze visual imagery
- Contains a research-based approach to the topic
- Introduces a 3-step process, *Research-Evaluate-Create*, to apply the knowledge gained
- Combines research, theory, and professional practice of visual communication

Designed for undergraduate and graduate courses in visual communication courses, as well as visual rhetoric, visual literacy, and visual culture, *Visual Communication Insights and Strategies* reveals how to apply rhetorical theories to visual imagery.

DECEMBER 2020 304PP
978-1-119-22647-5 PB \$59.95 (Japan)
Mass Communication & The Media

Communicating the Future

Solutions for Environment, Economy and Democracy

W. LANCE BENNETT

READERSHIP: Students and scholars of Media and Communication, as well as interested general readers. Recommended reading for courses on Strategic Communication, Environmental Communication, and Political Communication.



DECEMBER 2020 192PP
978-1-5095-4044-0 CL \$59.95 (Japan)
978-1-5095-4045-7 PB \$19.95 (Japan)
Communication Studies

コンピュータサイエンス

Big Data

An Art of Decision Making

EGLANTINE SCHMITT

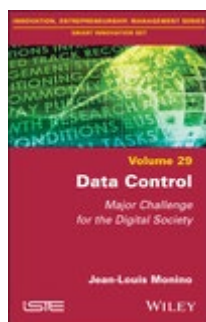
DECEMBER 2020 288PP
 978-1-78630-555-8 CL \$135.00 (Japan)
 Information Technologies

Data Control

Major Challenge for the Digital Society

JEAN-LOUIS MONINO

DECEMBER 2020 224PP
 978-1-78630-550-3 CL \$135.00 (Japan)
 Information Technologies



Hacking Multifactor Authentication

ROGER A. GRIMES, VIRGINIA BEACH

**Protect your organization from
 scandalously easy-to-hack MFA security
 "solutions"**



Multi-Factor Authentication (MFA) is spreading like wildfire across digital environments. However, hundreds of millions of dollars have been stolen from MFA-protected online accounts. How? Most people who use multifactor authentication (MFA) have been told that it is far less hackable than other types of authentication, or even that it is unhackable. You might be shocked to learn that all MFA solutions are actually *easy* to hack. That's right: there is no perfectly safe MFA solution. In fact, most can be hacked at least five different ways. *Hacking Multifactor Authentication* will show you how MFA works behind the scenes and how poorly linked multi-step authentication steps allows MFA to be hacked and compromised.

This book covers over two dozen ways that various MFA solutions can be hacked, including the methods (and defenses) common to all MFA solutions. You'll learn about the various types of MFA solutions, their strengths and weaknesses, and how to pick the best, most defensible MFA solution for your (or your customers') needs. Finally, this book reveals a simple method for quickly evaluating your existing MFA solutions. If using or developing a secure MFA solution is important to you, you need this book.

Author Roger Grimes is an internationally known security expert whose work on hacking MFA has generated significant buzz in the security world. Read this book to learn what decisions and preparations your organization needs to take to prevent losses from MFA hacking.

DECEMBER 2020 576PP
 978-1-119-65079-9 PB \$40.00 (Japan)
 Networking / Security

C Programming For Dummies

3rd Edition

DAN GOOKIN, COEUR D'ALENE

Get an A grade in C

As with any major language, mastery of C can take you to some *very* interesting new places. Almost 50 years after it first appeared, it's still the world's most popular programming language and is used as the basis of global industry's core systems, including operating systems, high-performance graphics applications, and microcontrollers. This means that fluent C users are in big demand at the sharp end in cutting-edge industries--such as gaming, app development, telecommunications, engineering, and even animation--to translate innovative ideas into a smoothly functioning reality.



To help you get to where you want to go with C, this 3rd edition of *C Programming For Dummies* covers everything you need to begin writing programs, guiding you logically through the development cycle: from initial design and testing to deployment and live iteration. By the end you'll be *au fait* with the do's and don'ts of good clean writing and easily able to produce the basic--and not-so-basic--building blocks of an elegant and efficient source code.

- Write and compile source code
- Link code to create the executable program
- Debug and optimize your code
- Avoid common mistakes

Whatever your destination: tech industry, start-up, or just developing for pleasure at home, this easy-to-follow, informative, and entertaining guide to the C programming language is the fastest and friendliest way to get there!

DECEMBER 2020 432PP
978-1-119-74024-7 PB \$29.99 (Japan)
PROGRAMMING / C & C++

E-Commerce Application Development

1st Edition

PATRICK G. MCKEOWN

University of Georgia, Athens, Georgia

The strategy of e-commerce determines what must be done to generate the transactions that must occur. The technology of e-commerce determines how the e-commerce web site will work. McKeown's text covers the technology side by discussing the development of web applications that handle the interaction between the various stakeholders including consumers, vendors, suppliers, etc. The content is related to systems analysis and design; however, instead of traditional systems development life cycle approach, e-commerce development uses different techniques due to the need for speed and flexibility.

- Addresses these new techniques which include rapid application development (RAD) and prototyping combined with scripting languages
- Is part of the new Wiley E-Commerce textbook series, whose goal is to quickly address the need for timely textbooks in the emerging ecommerce degree programs

READERSHIP: Programmers, Students in Information Systems, Business Professionals

DECEMBER 2020 UnknownPP
978-0-471-20227-1 PB \$36.50 (Japan)
Web Site Development / Electronic Commerce

TEXT

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)

DECEMBER 2020 384PP
978-1-119-76296-6 PB \$30.00 (Japan)
Computer Hardware

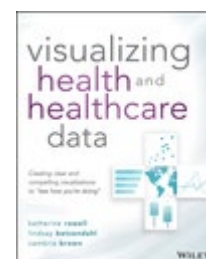
Visualizing Health and Healthcare Data

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.

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.

DECEMBER 2020 224PP
978-1-119-68088-8 PB \$39.95 (Japan)
Business Data Processing

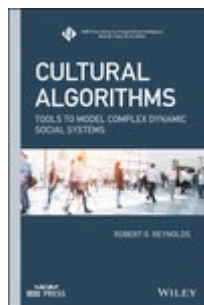
Cultural Algorithms

Tools to Model Complex Dynamic Social Systems

ROBERT G. REYNOLDS

A thorough look at how societies can use cultural algorithms to understand human social evolution

For those working in computational intelligence, developing an understanding of how cultural algorithms and social intelligence form the essential framework for the evolution of human social interaction is essential. This book, *Cultural Algorithms: Tools to Model Complex Dynamic Social Systems*, is the foundation of that study. It showcases how we can use cultural algorithms to organize social structures and develop socio-political systems that work.



For such a vast topic, the text covers everything from the history of the development of cultural algorithms and the basic framework with which it was organized. Readers will also learn how other nature-inspired algorithms can be expressed and how to use social metrics to assess the performance of various algorithms.

For industry professionals or new students, *Cultural Algorithms* provides an impactful and thorough look at both social intelligence and how human social evolution translates into the modern world.

SERIES: IEEE PRESS SERIES ON COMPUTATIONAL INTELLIGENCE

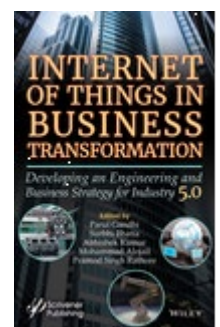
DECEMBER 2020 288PP
978-1-119-40308-1 CL \$135.00 (Japan)
Artificial Intelligence

Internet of Things in Business Transformation

Developing an Engineering and Business Strategy for Industry 5.0

PARUL GANDHI, SURBHI BHATIA, ABHISHEK KUMAR,
MOHAMMAD ALI ALOJAIL & PRAMOD SINGH RATHORE

The objective of this book is to teach what IoT is, how it works, and how it can be successfully utilized in business. This book helps to develop and implement a powerful IoT strategy for business transformation as well as project execution. Digital change, business creation/change and upgrades in the ways and manners in which we work, live, and engage with our clients and customers, are all enveloped by the Internet of Things which is now named "Industry 5.0" or "Industrial Internet of Things. The sheer number of IoT (a billion+), demonstrates the advent of an advanced business society led by sustainable robotics and business intelligence. This book will be an indispensable asset in helping businesses to understand the new technology and thrive.



DECEMBER 2020 320PP
978-1-119-71112-4 CL \$195.00 (Japan)
Artificial Intelligence

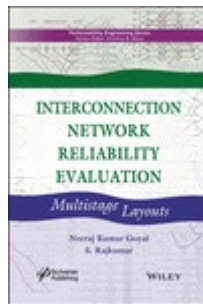
Interconnection Network Reliability Evaluation

Multistage Layouts

NEERAJ KUMAR GOYAL & S. RAJKUMAR

Keeping in view the growth of the technological frontiers, there is always a need for the development of reliable, fault tolerant and cost-effective interconnection networks (INs) which are the critical metrics to achieve the goal of parallelism.

The main objective of this book is to design new fault tolerant interconnection network layouts capable of path redundancy among dynamic failures. New INs designs are proposed and their observed results are found promising when compared with some of the earlier networks. The book also covers the reliability evaluation of various industrial network topologies considering multiple reliability performance parameters (2-TR, broadcast and ATR). Finally, the book also focuses on reliability evaluation and comparison of various topologies considering connectivity among multiple sources and multiple destinations (MSMT) nodes.



SERIES: PERFORMABILITY ENGINEERING SERIES

DECEMBER 2020 240PP
978-1-119-62058-7 CL \$175.00 (Japan)
Parallel and Distributed Computing

AWS Certified Data Analytics Study Guide

Specialty (DAS-C01) Exam

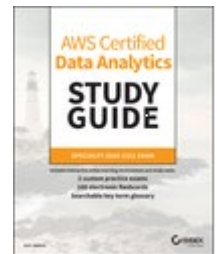
ASIF ABBASI

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.

DECEMBER 2020 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.

DECEMBER 2020 UnknownPP
978-1-119-68735-1 PB \$50.00 (Japan)
Computer Security & Cryptography



Cybersecurity in Humanities and Social Sciences

A Research Methods Approach

EDITOR HUGO LOISEAU, EDITOR DANIEL VENTRE & EDITOR HARTMUT ADEN

DECEMBER 2020 240PP
978-1-78630-539-8 CL \$155.00 (Japan)
Computer Security & Cryptography

文化研究

A Companion to Fritz Lang

EDITOR JOE MCELHANEY

Hunter College, City University of New York, USA

- The first edited collection of essays on Fritz Lang's body of work in over thirty years
- A comprehensive assessment of one of cinema's most influential figures
- Includes contributions from key scholars including Tom Gunning and Chris Fujiwara
- Features translated contributions from writers rarely rendered in English such as Nicole Brenez and Paolo Berletto
- Presents a multinational and multi-perspectival analysis of Lang's *oeuvre*, including all his key films



READERSHIP: Undergraduate and post-graduate students taking courses in cinema history, film genre, German Expressionism, and auteur theory

SERIES: WILEY BLACKWELL COMPANIONS TO FILM DIRECTORS

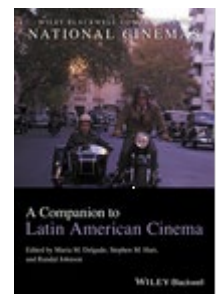
DECEMBER 2020 640PP
978-1-119-06905-8 PB \$54.95 (Japan)
9780470670972 CL \$209.00 (Japan) Published, JAN 2015
Film Studies

A Companion to Latin American Cinema

EDITOR MARIA M. DELGADO, EDITOR STEPHEN M. HART &
EDITOR RANDAL JOHNSON

Queen Mary, University of London, UK; University College
London, UK; University of California, Los Angeles, USA

A Companion to Latin American Cinema offers a wide-ranging collection of newly commissioned essays and interviews that explore the ways in which Latin American cinema has established itself on the international film scene in the twenty-first century.



- Features contributions from international critics, historians, and scholars, along with interviews with acclaimed Latin American film directors
- Includes essays on the Latin American film industry, as well as the interactions between TV and documentary production with feature film culture
- Covers several up-and-coming regions of film activity such as nations in Central America
- Offers novel insights into Latin American cinema based on new methodologies, such as the quantitative approach, and essays contributed by practitioners as well as theorists

SERIES: WILEY BLACKWELL COMPANIONS TO NATIONAL CINEMAS

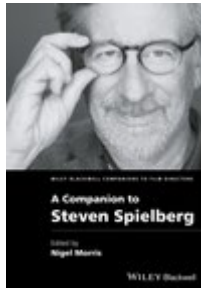
DECEMBER 2020 500PP
978-1-119-32920-6 PB \$57.25 (Japan)
9781118552889 CL \$202.75 (Japan) Published, APR 2017
Film Studies

A Companion to Steven Spielberg

EDITOR NIGEL MORRIS

University of Lincoln, UK

A Companion to Steven Spielberg provides an authoritative collection of essays exploring the achievements and legacy of one of the most influential film directors of the modern era.



- Offers comprehensive coverage of Spielberg's directorial output, from early works including *Duel*, *The Sugarland Express*, and *Jaws*, to recent films
- Explores Spielberg's contribution to the development of visual effects and computer games, as well as the critical and popular reception of his films
- Topics include in-depth analyses of Spielberg's themes, style, and filming techniques; commercial and cultural significance of the Spielberg "brand" and his parallel career as a producer; and collaborative projects with artists and composers
- Brings together an international team of renowned scholars and emergent voices, balancing multiple perspectives and critical approaches
- Creates a timely and illuminating resource which acknowledges the ambiguity and complexity of Spielberg's work, and reflects its increasing importance to film scholarship.

SERIES: WILEY BLACKWELL COMPANIONS TO FILM DIRECTORS

DECEMBER 2020 500PP
978-1-119-32784-4 PB \$54.95 (Japan)
9781118726914 CL \$202.75 (Japan) Published, JAN 2017
Film Studies

歯学

Single Best Answer Questions for Dentistry

PRATEEK BIYANI

DECEMBER 2020 160PP
978-1-119-70235-1 PB \$39.95 (Japan)
General Dentistry

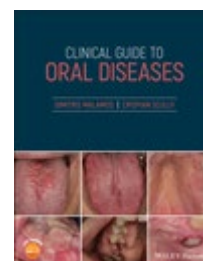
Clinical Guide to Oral Diseases

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

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.

DECEMBER 2020 280PP
978-1-119-32811-7 PB \$50.00 (Japan)
Oral Pathology

経済学

Macroeconomic Theory

A Modern Approach, 1st Edition

DAVID ANDOLFATTO

DECEMBER 2020 UnknownPP
978-0-470-59593-0 CL \$112.00 (Japan)
Macroeconomics

TEXT

International Trade

Theory and Empirical Studies, 1st Edition

J. R. MARKUSEN

DECEMBER 2020 UnknownPP
978-0-470-59938-9 CL \$85.95 (Japan)
International Economics & Trade

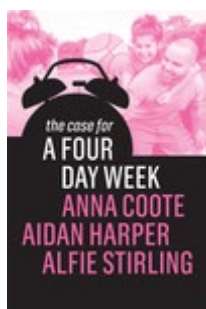
TEXT

The Case for a Four Day Week

ANNA COOTE, AIDAN HARPER & ALFIE STIRLING

READERSHIP: General readers
interested in public policy, economics,
work; students of the political
economy of work

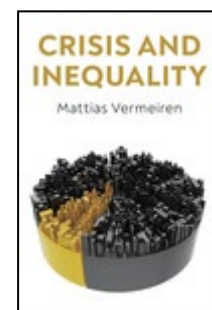
DECEMBER 2020 140PP
978-1-5095-3964-2 CL \$45.00 (Japan)
978-1-5095-3965-9 PB \$12.95 (Japan)
Political Economics / 9781509539659 PB \$45.00
(Japan)

**Crisis and Inequality**

The Political Economy of Democratic Capitalism

MATTIAS VERMEIREN

READERSHIP: Students and scholars of
comparative political economy, IPE, the
political economy of contemporary
capitalism, and similar.



DECEMBER 2020 272PP
978-1-5095-3768-6 CL \$69.95 (Japan)
978-1-5095-3769-3 PB \$26.95 (Japan)
Political Economics

Digital Technologies and African Societies

Challenges and Opportunities

EDITOR JULIEN ATCHOUA, EDITOR JEAN-JACQUES BOGUI &
EDITOR SAIKOU Y. DIALLO

DECEMBER 2020 256PP
978-1-78630-451-3 CL \$155.00 (Japan)
Urban, Rural & Regional Economics

教育

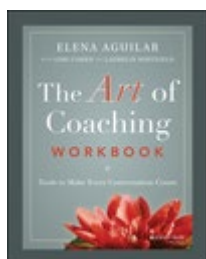
The Art of Coaching Workbook

Tools to Make Every Conversation Count

ELENA AGUILAR, WITH LORI COHEN & WITH LAURELIN WHITFIELD

A practical guide for getting the most out of *The Art of Coaching*

The Art of Coaching Workbook is the resource you've been waiting for to accompany Elena Aguilar's *The Art of Coaching*. Ideal for new and novice coaches, as well as for those who have years of coaching under their belt, this workbook will help you improve your coaching skills.



This vital companion text includes:

- Dozens of activities to help you internalize the concepts described in *The Art of Coaching*
- Exercises to guide you in identifying your own coaching beliefs, style, and practices
- Short and lengthy transcripts of coaching conversations
- Additional examples of key concepts in *The Art of Coaching*, including the Ladder of Inference and the Coaching Lenses
- New ideas and information that build on those in *The Art of Coaching*

This workbook is also for those who lead and manage coaches. An entire chapter is dedicated to structures, routines, and practices that are easy to implement in professional development sessions. In addition, a new Transformational Coaching Rubric and other tools for assessment and reflection are included. If you aspire to provide meaningful learning for coaches, and you already have *The Art of Coaching*, this workbook is all you'll need.

DECEMBER 2020 UnknownPP
978-1-119-75899-0 PB \$24.95 (Japan)
Teacher Education (K-12)

Engaging Learners through Zoom

Strategies for Online Teaching Across Disciplines

JONATHAN BRENNAN

Many educators are frustrated with the perceived limitations of a video-conferencing platform like Zoom that was originally designed for corporate meetings. Yet Zoom offers tools that, with creativity and practice, can be used to more deeply engage students, reduce Zoom Fatigue, promote active learning, and achieve successful learning outcomes. Dr. Brennan has developed a collection of dozens of active, synchronous Zoom learning structures that can be used in any discipline, and at multiple levels of education. The resulting book, *Engaging Learners through Zoom*, will help educators leverage the latest research on active learning, engagement, learner motivation and cognitive neuroscience, to train them to be more effective as educators in distance learning, and to ensure that learners have the best possible opportunity to achieve their educational, career and life goals. This is especially important in ensuring equity in educational outcomes for students who are at greater risk of dropping out of high school, and who are the first in their families to attempt college. The goal for this book is to provide educators with a sizeable toolbox for improving distance learning experiences and results, primarily through synchronous learning. If educators use these tools with students, the author and his company, On Course, will achieve its goal of significantly increasing learner engagement and thus the opportunity for more students to achieve their educational goals.

DECEMBER 2020 208PP
978-1-119-78314-5 PB \$19.95 (Japan)
Technology & Education (K-12)

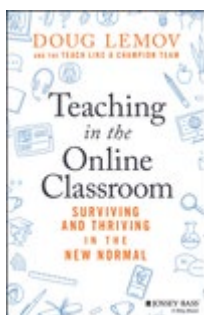
Teaching in the Online Classroom

Surviving and Thriving in the New Normal

DOUG LEMOV, ALBANY, UNITED STATES

A timely guide to online teaching strategies from bestselling author Doug Lemov and the Teach Like a Champion team

School closures in response to the covid-19 coronavirus pandemic resulted in an immediate and universal pivot to online teaching. More than 3.7 million teachers in the U.S. were suddenly asked to teach in an entirely new setting with little preparation and no advance notice. This has caused an unprecedented threat to children's education, giving rise to an urgent need for resources and guidance. *The New Normal* is a just-in-time response to educators' call for help. Teaching expert Doug Lemov and his colleagues spent weeks studying videos of online teaching and they now provide educators in the midst of this transition with a clear guide to engaging and educating their students online.



Although the transition to online education is happening more abruptly than anyone anticipated, technology-supported teaching may be here to stay. This guide explores the challenges involved in online teaching and guides educators and administrators to identify and understand best practices. It is a valuable tool to help you and your students succeed in synchronous and asynchronous settings this school year and beyond.

- Learn strategies for engaging students more fully online
- Find new techniques to assess student progress from afar
- Discover tools for building online classroom culture, combating online distractions, and more
- Watch videos of teachers building rigor and relationships during online instruction

The New Normal features real-world examples you can apply and adapt right away in your own online classroom to allow you to survive and thrive online.

DECEMBER 2020 192PP
978-1-119-76293-5 PB \$19.95 (Japan)
Technology & Education (K-12)

Assistance in Education

EDITOR CHRYSTA PELISSIER

DECEMBER 2020 238PP
978-1-78630-494-0 CL \$135.00 (Japan)
Learning Theory & Research



電気電子工学

Algorithms for Communications Systems and their Applications

2nd Edition

NEVIO BENVENUTO, GIOVANNI CHERUBINI & STEFANO TOMASIN

University 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).



DECEMBER 2020 1200PP
978-1-119-56796-7 CL \$160.00 (Japan)
Communication Technology

Communication Engineering Principles

2nd Edition

IFIOK OTUNG

For those seeking a thorough grounding in modern communication engineering principles delivered with unrivaled clarity using an engineering-first approach

Communication Engineering Principles: 2nd Edition provides readers with comprehensive background information and instruction in the rapidly expanding and growing field of communication engineering.



This book is well-suited as a textbook in any of the following courses of study:

- Telecommunication
- Mobile Communication
- Satellite Communication
- Optical Communication
- Electronics
- Computer Systems

Primarily designed as a textbook for undergraduate programs, *Communication Engineering Principles: 2nd Edition* can also be highly valuable in a variety of MSc programs.

Communication Engineering Principles grounds its readers in the core concepts and theory required for an in-depth understanding of the subject. It also covers many of the modern, practical techniques used in the field. Along with an overview of communication systems, the book covers topics like time and frequency domains analysis of signals and systems, transmission media, noise in communication systems, analogue and digital modulation, pulse shaping and detection, and many others.

DECEMBER 2020 750PP
978-1-119-27402-5 CL \$110.00 (Japan)
Communication Technology

5G Radio Access Network Architecture

The Dark Side of 5G

SASHA SIROTKIN

Written by an industry insider with state of the art research at their fingertips, this book describes the Radio Access Network (RAN) architecture, starting with currently deployed 4G, followed by the description of 5G requirements and why re-thinking of the RAN architecture is needed to support these. Based on these considerations, it explains how 5G network architecture, which is currently being defined, is likely to evolve. The aim is not merely to cover relevant standards and technologies as a purely academic exercise (although a significant part of the book will be dedicated to these), but to augment these by practical deployment, to illustrate why the RAN architecture is changing and where it is going. With 5G deployments on the horizon, there is a desire within companies to both re-think the RAN architecture and to change the proprietary nature of the RAN. Correspondingly, there is increased interest in academia, standards bodies and commercial entities involved in the area.



SERIES: WILEY – IEEE

DECEMBER 2020 400PP
978-1-119-55088-4 CL \$135.00 (Japan)
Mobile & Wireless Communications

An Introduction to 5G

The New Radio, 5G Network and Beyond

CHRISTOPHER COX

Director, Chris Cox Communications Ltd

This book is an introductory system-level guide to 5G, a market niche that existing books on 5G do not appear to address. By reading the book, readers will understand the architecture of 5G, the techniques used for radio transmission and reception, and the overall operation of the system. They will then be able to tackle the specifications and more advanced books with confidence.

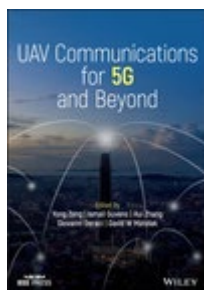


DECEMBER 2020 320PP
978-1-119-60266-8 CL \$110.00 (Japan)
Mobile & Wireless Communications

UAV Communications for 5G and Beyond

EDITOR YONG ZENG, EDITOR ISMAIL GUVENC, EDITOR RUI ZHANG,
EDITOR GIOVANNI GERACI & EDITOR DAVID W. MATOLAK

To advantageously plan and design for the explosive near-future increase in the number of unmanned aerial vehicles (UAVs) and their demanding applications, integration of UAVs into cellular communication systems has seen increasing interest. This book provides a timely and comprehensive overview of the recent research efforts and results of unmanned aerial vehicles (UAVs)-integrated cellular network communications. The aim of the book is to provide a comprehensive coverage of the potential applications, networking architectures, latest research findings and key enabling technologies, experimental measurement results, as well as up-to-date industry standardizations for UAV communications in cellular systems, including the existing LTE as well as the future 5G-and-beyond systems.



SERIES: WILEY – IEEE

DECEMBER 2020 650PP
978-1-119-57569-6 CL \$145.00 (Japan)
Mobile & Wireless Communications

Engineering and Technology for Healthcare

MUHAMMAD A. 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

DECEMBER 2020 300PP
978-1-119-64424-8 CL \$120.00 (Japan)
Communication Technology - Networks

Position, Navigation, and Timing Technologies in the 21st Century, 2 vol Set

Integrated Satellite Navigation, Sensor Systems, and Civil Applications

JADE MORTON, FRANK VAN DIGGELEN, JAMES SPILKER JR. & BRADFORD PARKINSON

Covers the latest developments in PNT technologies, including integrated satellite navigation, sensor systems, and civil applications

Featuring sixty-four chapters that are divided into six parts, this two-volume work provides comprehensive coverage of the state-of-the-art in satellite-based position, navigation, and timing (PNT) technologies and civilian applications. It also examines alternative navigation technologies based on other signals-of-opportunity and sensors and offers a comprehensive treatment on integrated PNT systems for consumer and commercial applications.

Volume 1 contains three parts and focuses on the satellite navigation systems, technologies, and engineering and scientific applications. It starts with a historical perspective of GPS development and other related PNT development. Current global and regional navigation satellite systems (GNSS and RNSS), their inter-operability, signal quality monitoring, satellite orbit and time synchronization, and ground- and satellite-based augmentation systems are examined. Recent progresses in satellite navigation receiver technologies and challenges for operations in multipath-rich urban environment, in handling spoofing and interference, and in ensuring PNT integrity are addressed. The second volume consists of three parts and addresses PNT using alternative signals and sensors and integrated PNT technologies for consumer and commercial applications. It looks at PNT using various radio signals-of-opportunity, atomic clock, optical, laser, magnetic field, celestial, MEMS and inertial sensors, as well as the concept of navigation from Low-Earth Orbiting (LEO) satellites. GNSS-INS integration, neuroscience of navigation, and animal navigation are also covered.



- Includes chapters that focus on the latest developments in GNSS and other navigation sensors, techniques, and applications
- Illustrates interconnecting relationships between various types of technologies in order to assure more protected, tough, and accurate PNT

Position, Navigation, and Timing Technologies in the 21st Century will appeal to all industry professionals, researchers, and academics involved with the science, engineering, and applications of position, navigation, and timing technologies.

DECEMBER 2020 UnknownPP
978-1-119-45834-0 CL \$331.50 (Japan)
Satellite Communications

Position, Navigation, and Timing Technologies in the 21st Century, Volume 1

Integrated Satellite Navigation, Sensor Systems, and Civil Applications

JADE MORTON, FRANK VAN DIGGELEN, JAMES SPILKER JR. & BRADFORD PARKINSON

DECEMBER 2020 1288PP
978-1-119-45841-8 CL \$195.00 (Japan)
Satellite Communications

Position, Navigation, and Timing Technologies in the 21st Century, Volume 2

Integrated Satellite Navigation, Sensor Systems, and Civil Applications

JADE MORTON, FRANK VAN DIGGELEN, JAMES SPILKER JR. & BRADFORD PARKINSON

DECEMBER 2020 912PP
978-1-119-45849-4 CL \$195.00 (Japan)
Satellite Communications

Scattering and Diffraction by Wedges

The Wiener-Hopf Solution

VITO G. DANIELE & GUIDO LOMBARDI

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.



DECEMBER 2020 240PP
978-1-78630-263-2 CL \$135.00 (Japan)
Electromagnetic Theory

Scattering and Diffraction by Wedges 2

The Wiener-Hopf Solution

VITO G. DANIELE & GUIDO LOMBARDI

DECEMBER 2020 234PP
978-1-78630-664-7 CL \$135.00 (Japan)
Electromagnetic Theory



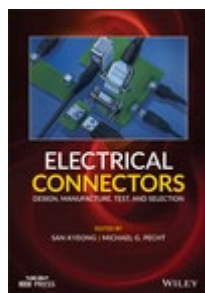
Electrical Connectors

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

DECEMBER 2020 400PP
978-1-119-67976-9 CL \$140.00 (Japan)
Component Manufacturing

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

DECEMBER 2020 320PP
978-1-119-69903-3 CL \$135.00 (Japan)
Intelligent Systems & Agents

Energy and Motorization in Automotive and Aeronautics Industries

TOMASZ KRYSINSKI & FRANÇOIS MALBURET

Eurocopter; ENSAM, Aix-en-Provence, France

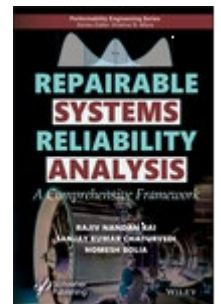
DECEMBER 2020 336PP
978-1-78630-572-5 CL \$165.00 (Japan)
Systems Engineering & Management

Repairable Systems Reliability Analysis

A Comprehensive Framework

RAJIV NANDAN RAI, SANJAY KUMAR CHATURVEDI & NOMESH BOLIA

Most of the reliability literature is directed towards non repairable systems, that is, systems that fail are discarded. This book is mainly dedicated towards providing coverage to the reliability modeling and analysis of repairable systems that are repaired and not replaced when they fail. Most of the equipment - mechanical or otherwise - are repairable and are subjected to maintenance actions- reactive or proactive- at various levels. Maintenance actions are carried out either to preserve a system or to renovate it to a specified functionable state. Maintenance actions are also characterized by the degree (perfect or imperfect) to which a system can be restored, i.e., to an 'as good as new condition' (AGAN), or 'as bad as old condition' (ABAO). Mathematically perfect repair is modeled using a renewal process (RP). Since it represents much idealized situation, this model has restricted applications in the analysis of repairable systems. At the other extreme, the ABAO repair is mathematically modelled using a Non-Homogenous Poisson Process (NHPP). These assumptions are very unrealistic for probabilistic modeling and leads to major distortions in statistical analysis.



This unique book provides a comprehensive framework for the modeling and analysis of repairable systems considering both the non- parametric and parametric approaches to deal with the failure data. The book presents MCF based non-parametric approach with several illustrative examples and the generalized renewal process (GRP) based arithmetic reduction of age (ARA) models along with its applications to the systems failure data from aviation industry. The book also covers various multi-criteria decision-making (MCDM), integrated with repairable systems reliability analysis models to provide a much better insight into imperfect repair and maintenance data analysis.

SERIES: PERFORMABILITY ENGINEERING SERIES

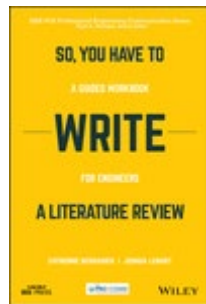
DECEMBER 2020 400PP
978-1-119-52627-8 CL \$225.00 (Japan)
Systems Engineering & Management

So, You Have to Write a Literature Review

A Guided Workbook for Engineers

CATHERINE BERDANIER & JOSHUA LENART

Is a literature review looming in your future? Are you procrastinating on writing a literature review at this very moment? If so, this is the book for you. Writing often causes trepidation and procrastination for engineering students--issues that compound while writing a literature review, a type of academic writing most engineers are never formally taught. Consider this workbook as a "couch-to-5k" program for engineering writers rather than runners: if you complete the activities in this book from beginning to end, you will have a literature review draft ready for revision and content editing by your research advisor. *So, You Have to Write a Literature Review* presents a dynamic and practical method in which engineering students--typically late-career undergraduates or graduate students--can learn to write literature reviews, and translate genre-based writing instruction into easy-to-follow, bite-sized activities and content. Written in a refreshingly conversational style while acknowledging that writing is quite difficult, Catherine Berdanier and Joshua Lenart leverage their unique disciplinary backgrounds with decades of experience teaching academic engineering writing in this user-friendly workbook



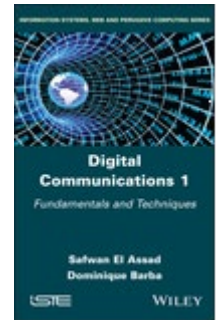
SERIES: IEEE PCS PROFESSIONAL ENGINEERING COMMUNICATION SERIES

DECEMBER 2020 160PP
978-1-119-55502-5 PB \$59.95 (Japan)
Professional Development for Engineers

Digital Communications 1

SAFWAN EL ASSAD & DOMINIQUE BARBA

DECEMBER 2020 322PP
978-1-78630-541-1 CL \$155.00 (Japan)
Computer Engineering

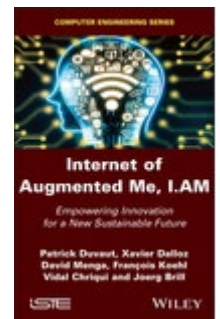


Internet of Augmented Me, I.AM

Design your Sustainable Future

PATRICK DUVAUT, XAVIER DALLOZ,
DAVID MENGA, FRANCOIS KOEHL, VIDAL
CHRIQUI & JOERG BRILL

DECEMBER 2020 238PP
978-1-78630-508-4 CL \$135.00 (Japan)
Computer Engineering

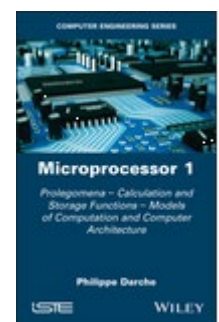


Microprocessor

Prolegomenes - Calculation and
Storage Functions - Calculation
Models and Computer
Architecture

PHILIPPE DARCHÉ

DECEMBER 2020 216PP
978-1-78630-563-3 CL \$135.00 (Japan)
Computer Engineering



エネルギー

Enabling the Internet of Things

Fundamentals, Design and Applications

MUHAMMAD A. IQBAL, SAJJAD HUSSAIN, HUANLAI XING &
MUHAMMAD A. 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

DECEMBER 2020 220PP
978-1-119-70125-5 CL \$125.00 (Japan)
Embedded Systems & Smart Cards**Circular Economy**

From Waste Reduction to Value Creation

EDITOR KAREN DELCHET-COCHET

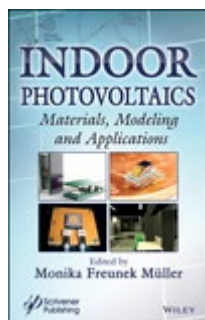
DECEMBER 2020 272PP
978-1-78630-573-2 CL \$120.00 (Japan)
Energy & Environmental Impact

Indoor Photovoltaics

Materials, Modeling, and Applications

EDITOR MONIKA FREUNEK MÜLLER

Indoor photovoltaics (IPV) is the most promising power source for indoor electronic devices, especially sensor devices and edge nodes for the Internet of Things, and it will gain considerable interest due to the development of the field. This field of photovoltaics differs to other fields due to irradiance and spectral distribution conditions as well as the (close to) energy autarkic field conditions. The book provides the engineer and researcher with guidelines, provides a comprehensive overview over theoretical models, efficiencies, application design, and first available products.



DECEMBER 2020 304PP
978-1-119-60559-1 CL \$195.00 (Japan)
Solar Energy & Photovoltaics

Waste Plastics

An Alternative Source of Energy

PRAKASH PARTHASARATHY

DECEMBER 2020 UnknownPP
978-1-119-46011-4 CL \$225.00 (Japan)
Other Renewable Energy

Advances in Electric Power and Energy

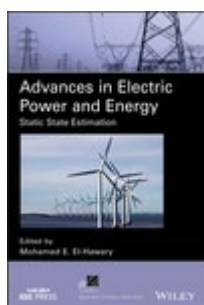
Static State Estimation

EDITOR MOHAMED E. EL-HAWARY

Dalhousie University

A guide to the role of static state estimation in the mitigation of potential system failures

With contributions from a noted panel of experts on the topic, *Advances in Electric Power and Energy: Static State Estimation* addresses the wide-range of issues concerning static state estimation as a main energy control function and major tool for evaluating prevailing operating conditions in electric power systems worldwide.



This book is an essential guide for system operators who must be fully aware of potential threats to the integrity of their own and neighboring systems. The contributors provide an overview of the topic and review common threats such as cascading black-outs to model-based anomaly detection to the operation of micro-grids and much more. The book also includes a discussion of an effective mathematical programming approach to state estimation in power systems. *Advances in Electric Power and Energy* reviews the most recent developments in the field and:

- * Offers an introduction to the topic to help non-experts (and professionals) get up-to-date on static state estimation
 - * Covers the essential information needed to understand power system state estimation written by experts on the subject
 - * Discusses a mathematical programming approach
- Written for electric power system planners, operators, consultants, power system software developers, and academics, *Advances in Electric Power and Energy* is the authoritative guide to the topic with contributions from experts who review the most recent developments.

SERIES: IEEE PRESS SERIES ON POWER ENGINEERING

DECEMBER 2020 528PP
978-1-119-48046-4 CL \$140.00 (Japan)
Power Technology & Power Engineering

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.

The book 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

DECEMBER 2020 UnknownPP
978-0-470-94757-9 CL \$165.00 (Japan)
Power Technology & Power Engineering

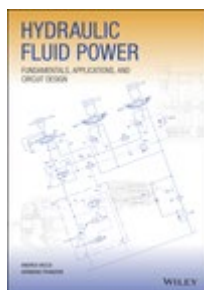
環境科学

Hydraulic Fluid Power

Fundamentals, Applications, and Circuit Design

ANDREA VACCA & GERMANO FRANZONI

This book presents an original educational approach to hydraulic technology by focusing on the design of complete hydraulic systems. The initial introductory chapters are dedicated to the description of the basic physical components and principles of hydraulics. The bulk of the book concentrates on the most practical and useful system concepts for controlling hydraulic functions that can be found in the state of the art. These concepts are classified, analyzed, presented, and compared on a system level. The focus is the energy performance and the control features of each design architecture. The goal is to provide the reader with the tools to understand how a hydraulic circuit design affects the operation of the equipment where it is applied, and to select the best solution for the application.



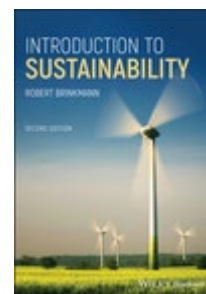
DECEMBER 2020 784PP
978-1-119-56911-4 CL \$140.00 (Japan)
Electric Power Systems

Introduction to Sustainability

2nd Edition

ROBERT BRINKMANN

Introduction to Sustainability, Second Edition, reviews all the major themes in the cutting-edge field of sustainability. The book is suitable for introductory interdisciplinary courses on sustainability, as well as those in the fields of geography, geology, sociology, planning, political science, and anthropology. Allowing students to see the world in new ways while also encouraging them to become part of the change needed to ensure the long-term sustainability of the planet, this book is an invaluable introduction to this multifaceted and ever-changing subject. Now fully revised and updated, this second edition includes new material on the most recent developments in the field of sustainability; environmental sustainability issues like water, food, and energy; social sustainability themes like environmental justice and transportation; and economic sustainability topics like green businesses and economic development. The book concludes with a chapter on sustainability issues in college and universities. Brinkmann intersperses many fascinating case studies and text boxes that encourage students to deeply explore the material. This is a book that not only organizes the complex field of sustainability, but also encourages students to take action to make the world a better place.



DECEMBER 2020 352PP
978-1-119-67546-4 PB \$70.00 (Japan)
ENVIRONMENTAL SCIENCE

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.



DECEMBER 2020 450PP
978-1-119-16312-1 CL \$190.00 (Japan)
Geology & Geophysics

Seismoelectric Exploration

Theory, Experiments, and Applications

NIELS GROBBE, ANDRÉ REVIL, ZHENYA ZHU & EVERT SLOB

University of Hawaii at Mānoa, HI, USA; Université Savoie Mont-Blanc, France; Massachusetts Institute of Technology, MA, USA; Delft University of Technology, Netherlands

Seismoelectric coupling and its current and potential future applications

The seismoelectric method--the naturally-occurring coupling of seismic waves to electromagnetic fields--can provide insight into important properties of porous media. With a variety of potential environmental and engineering uses, as well as larger scale applications such as earthquake detection and oil and gas exploration, it offers a number of advantages over conventional geophysical methods.



Seismoelectric Exploration: Theory, Experiments, and Applications explores the coupling between poroelastic and electromagnetic disturbances, discussing laboratory experiments, numerical modeling techniques, recent theoretical developments, and field studies.

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

DECEMBER 2020 496PP
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Geology & Geophysics

Unconventional Hydrocarbon Resources

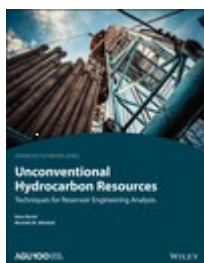
Techniques for Reservoir Engineering Analysis

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

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

University of Nevada; Northern Arizona University

DECEMBER 2020 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

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.

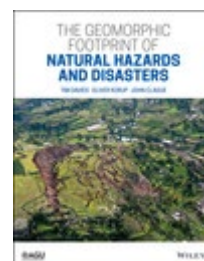
SERIES: GEOPHYSICAL MONOGRAPH SERIES

JANUARY 2021 UnknownPP
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Igneous & Metamorphic Petrology and Volcanology

Engineering Geomorphology for the Sustainable Management of Natural Hazards

TIM DAVIES, MAURI MCSAVENEY & OLIVER KORUP

University of Canterbury, NZ; GNS Science Ltd.; Swiss Federal Research Institutes



SERIES: WILEY WORKS

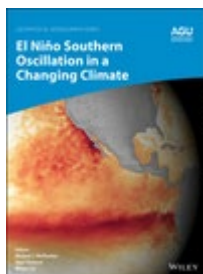
DECEMBER 2020 352PP
978-1-119-99032-1 CL \$120.00 (Japan)
978-1-119-99031-4 PB \$50.00 (Japan)
Geomorphology

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

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

DECEMBER 2020 528PP
978-1-119-54812-6 CL \$199.95 (Japan)
Atmospheric Sciences

Handbook of Water Harvesting and Conservation

EDITOR SAEID ESLAMIAN

Isfahan University of Technology

SERIES: NEW YORK ACADEMY OF SCIENCES
DECEMBER 2020 528PP
978-1-119-47895-9 CL \$295.00 (Japan)
Water Resource Management



ファイナンス／インベストメント

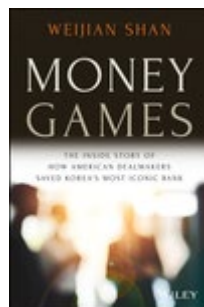
Money Games

The Inside Story of How American Dealmakers Saved Korea's Most Iconic Bank

WEIJIAN SHAN

Join author Weijian Shan as he helps orchestrate one of the most exciting financial deals in history

Money Games: The Inside Story of American Dealmakers Saving Korea's Most Iconic Bank is a true insider's tale of one of the most successful private equity deals ever.



In 1999, the U.S.-based Newbridge Capital became the first foreign firm to take control of a major Korean financial institution, a leading bank brought down by the Asian Financial Crisis. Full of twists and turns, setbacks and successes, *Money Games* is a blow-by-blow account of that deal, and the painstaking work it took to transform a troubled bank into a successful financial institution--and a massively profitable investment.

Money Games covers several facets of the bank's buyout, including:

- A comprehensive insider's account of the deal itself
- An exploration of the national context in which the deal took place
- A detailed look at all the players involved, from dealmakers and bankers to politicians and regulators
- An in-depth analysis of the effects of the financial crisis
- How Newbridge rebuilt the Korean Bank into a profitable, modern financial institution
- How Newbridge orchestrated a remarkable exit from its investment, getting global banking titans to vie for the bank

Perfect for bankers, private equity professionals, financial analysts, businesspeople and investors, *Money Games* is a necessary addition to the bookshelf of anyone with an interest in high-stakes deal-making and compelling drama.

DECEMBER 2020 384PP
978-1-119-73698-1 CL \$29.95 (Japan)
Institutional & Corporate Finance

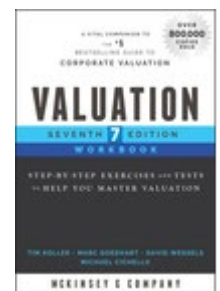
Valuation Workbook

Step-by-Step Exercises and Tests to Help You Master Valuation, 7th Edition

MCKINSEY & COMPANY INC.

A vital companion to the bestselling guide to corporate valuation *Valuation Workbook, 7th Edition* is the ideal

companion to McKinsey's *Valuation*, helping you get a handle on difficult concepts and calculations before using them in the real world. This workbook reviews all things valuation, with chapter-by-chapter summaries and comprehensive questions and answers that allow you to test your knowledge and skills. Useful both in the classroom and for self-study, this must-have guide is essential for reviewing and applying the renowned McKinsey & Company approach to valuation and reinforces the major topics discussed in detail in the book. Fully updated to align with the latest edition of *Valuation*, this workbook is an invaluable learning tool for students and professionals alike and an essential part of the McKinsey Valuation suite.



SERIES: WILEY FINANCE

DECEMBER 2020 256PP
978-1-119-61181-3 PB \$45.00 (Japan)
INSTITUTIONAL & CORPORATE FINANCE

Value Investing

From Graham to Buffett and Beyond, 2nd Edition

BRUCE C. N. GREENWALD & BARBARA KIVIAT

· 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 Buffet, Michael Price, Mario Gabelli, and Walter Schloss

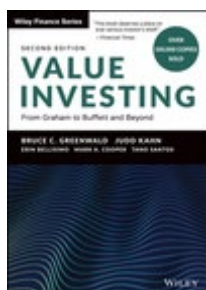
· It also includes profiles of emerging names in the field of value investing, such as Andrew Weiss, Joel Greenblatt, Mason Hawkins and Bill Nygren.

· 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

DECEMBER 2020 448PP
978-0-470-11673-9 CL \$35.00 (Japan)
INSTITUTIONAL & CORPORATE FINANCE



Clever Girl Finance

Learn How Investing Works, Grow Your Money

BOLA SOKUNBI

Learn the basics of investing with this approachable guide to the world of finance

Clever Girl Finance: Learn How Investing Works, Grow Your Money is the leading guide for women who seek to learn the basic foundations of personal investing. In a no-nonsense and straightforward style, this book teaches readers:

- Exactly how investing works and what you should be doing, no fancy finance degree required
- How to leverage investing to build long term wealth even on a modest salary
- The key pitfalls to avoid in order to become a successful investor
- How to build a nest egg and invest in your future
- Insights from real-world success stories from other "clever girl investors"

Clever Girl Finance teaches readers the irreplaceable value of investing for long-term financial gain, and the difference between making money and building wealth.

Written for any woman who's ever sought out an accessible introduction to the world of investing, this book is especially suited to women interested in learning how investing works and taking guided action towards their financial success.



DECEMBER 2020 208PP
978-1-119-69673-5 PB \$19.95 (Japan)
Personal Finance

Social Security For Dummies

4th Edition

AARP

"*Social Security for Dummies is a must read for people of any age who want a comfortable retirement. The difference between a smart claiming strategy and a dumb one can cost you hundreds of thousands of dollars, so you'll want to invest in this book.*"

--Liz Weston, personal finance columnist and author of the bestselling *Your Credit Score and The 10 Commandments of Money*



The award-winning *Social Security For Dummies*--now in its fourth edition--is the one guide you need to navigate the often-complex world of Social Security benefits. You'll learn when to start claiming, how much you can expect to receive, where to find Social Security calculators, and more.

Since 1937, workers across the United States have set aside a portion of their wages to fund Social Security, which, for many of us, forms the basis of our retirement income. Despite its central importance in our lives, few of us understand how Social Security really works. That's where *Social Security For Dummies* comes in. Written in an easy-to-follow, clear language, it provides comprehensive information on how to negotiate the sometimes labyrinthine system and claim everything you qualify for. You'll learn how to:

- Navigate the Social Security website
- Know which options you qualify for
- Use Social Security calculators
- Get answers to frequently asked questions

Retirement is the time for you to kick back, relax, and enjoy the fruits of your labors--*Social Security For Dummies* makes it easier.

DECEMBER 2020 336PP
978-1-119-68992-8 PB \$24.99 (Japan)
PERSONAL FINANCE

Kickstart Your Corporation

The Incorporated Professional's Financial Planning Guide

ANDREW FEINDEL

A detailed look at financial planning strategies surrounding professional corporations for doctors, dentists, lawyers, business owners and other Canadian professionals.

If you're a doctor, a dentist, a lawyer, or a business owner--virtually any type of professional in Canada--you strongly *need* to consider how incorporating fits into your financial plan.



A good financial planner should acknowledge they have absolutely no control of the markets. However, taxes are completely controllable, and having a corporation is a powerful tool that allows professionals to control their tax bill. Using a mix of personal observations, real-life examples, and strategy evaluations, this book guides the professional along their path to using their corporation in the most efficient way.

Kickstart Your Corporation: The Incorporated Professional's Financial Planning Coach is your practical guide to controlling your tax bill and taking advantage of all that a Professional Corporation has to offer. Drawing upon their decades of hands-on experience in wealth management, authors Andrew Feindel and Kyle Richie provide clear and accurate advice on making the incorporation decision, setting up and investing inside your corporation, optimizing your salary and dividend compensation mix, valuing permanent insurance on your corporate balance sheet, using prudent leverage, weighing the pros and cons of active or passive investment management, using alternative strategies like a Capital Gains Strip, Individual Pension Plans and Retirement Compensation Arrangements, and much more.

Kickstart Your Corporation: The Incorporated Professional's Financial Planning Coach is essential reading for any professional who has incorporated and is looking to maximize benefits, and those wanting to incorporate for the first time with expert guidance.

DECEMBER 2020 320PP
978-1-119-70913-8 CL \$29.95 (Japan)
Personal Finance / Financial Advising

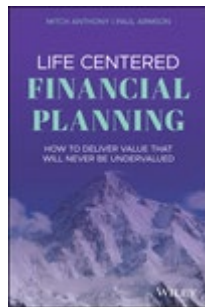
Life-Centered Financial Planning

How to Deliver Value That Will Never Be Undervalued

MITCH ANTHONY & PAUL ARMSON

Bring your financial planning to life by bringing life to your financial planning.

Life-Centered Financial Planning: How to Deliver Value That Will Never Be Undervalued shows financial planners and advisors how to radically improve the service they provide to their clients by tying their decisions and strategies to their clients' life events, stages, and goals.



Written by distinguished financial professionals Mitch Anthony and Paul Armson, *Life-Centered Financial Planning* provides readers with practical advice and concrete strategies to revolutionize their organization and client service by:

- Focusing on what matters most to clients, rather than maximizing assets under management or pushing products
- Understanding that a strong financial plan means more than simply accumulating as much money as possible
- Building a business model that is good for everyone involved: the financial advisor, clients, and the organization
- Moving from being a commodity to being your client's trusted advisor

The book is perfect for any financial planner or advisor who wishes to adapt to the radical redefinition of financial services taking place today.

DECEMBER 2020 UnknownPP
978-1-119-70909-1 CL \$29.95 (Japan)
Personal Finance / Financial Advising

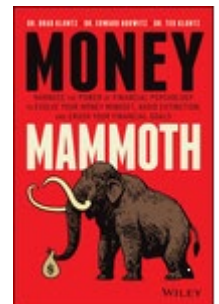
Money Mammoth

Harness The Power of Financial Psychology to Evolve Your Money Mindset, Avoid Extinction, and Crush Your Financial Goals

BRAD KLONTZ, EDWARD HORWITZ & TED KLONTZ

A look at the psychological barriers to financial success and how to create a better financial future

When it comes to our relationship with money, we are in the Stone Age. Despite the relentless barrage of information and warnings from financial experts, the average American is in terrible financial shape. It turns out that human beings are just not wired to do the right things around money--such as saving and not overspending. That's why financial success is so difficult to attain. When it comes to our financial instincts, we are no more evolved than our ancestors who hunted the Woolly Mammoth 400,000 years ago.



Recent findings from the field of *financial psychology* could help the many Americans who know what they need to do but just can't seem to make it happen. If you fall into this category, consider *Money Mammoth: Evolve Your Money Mindset and Avoid Financial Extinction*.

This book looks at financial well-being from a psychological and evolutionary perspective. It reveals the obstacles that prevent people from taking their first critical steps towards financial wellness. It examines how our instincts and beliefs about money influence our financial behaviors. It explores money beliefs, how they develop, and how they drive our money behaviors.

In *Money Mammoth*, the authors reveal the secrets to harnessing the power of your psychology to reach your financial goals.

DECEMBER 2020 240PP
978-1-119-63604-5 CL \$39.95 (Japan)
Personal Finance / Financial Advising

Rattiner's Secrets of Financial Planning

From Running Your Practice to Optimizing Your Client's Experience

JEFFREY H. RATTINER

J.R. Financial Group

Learn what it takes to be a success from the “all-stars” of the financial planning and advisory profession

Financial planning involves everything from determining the client's financial position, cash flow, and investment strategies, to income tax planning, risk management, insurance, and retirement and estate planning.

Financial planners and advisors are responsible for recommendations and decisions that help people define and achieve their financial goals. *Rattiner's Secrets of Financial Planning* gives industry professionals the opportunity to hear and learn from “the best of the best” in the field.



Author Jeffrey H. Rattiner, a respected leader in Certified Financial Planning (CFP), shares real-world insights and expert advice from hundreds of top-level advisors in the financial planning industry. Readers gain firsthand knowledge of the challenges these successful planners have faced and how they continue to build their practices and reap success in a dynamic financial environment. This comprehensive resource includes templates based on what the best CFPs use in their practices for work programs, data quantification reports, asset allocation model portfolios, pro forma statements, and checklists for each technical financial planning discipline.

Rattiner's Secrets of Financial Planning: From Running Your Practice to Optimizing Your Client's Experience is an important resource for CFPs, CPAs, financial advisors, financial planners, and high-level corporate executives working in the financial services industry.

DECEMBER 2020 400PP
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Personal Finance / Financial Advising

Fixed Income Trading and Risk Management

The Complete Guide

ALEXANDER DURING

Fixed Income Trading and Risk Management is the complete guide to fixed income markets from the ground up. Written by a principal portfolio manager at the European Central Bank, this book dispenses with any preconceived notions of how a market should work, instead teaching several markets in parallel and from scratch, developing the commonalities and differences along the way. Beginning with an introduction to money, credit and monetary policy, the book goes on to cover cash instruments, inflation-linked debt, defaultable claims, derivatives, standard trading strategies, data analysis and risk management. *Fixed Income Trading and Risk Management* is essential reading for new starters in financial institutions and a comprehensive reference for more experienced practitioners.

SERIES: WILEY FINANCE

DECEMBER 2020 450PP
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Investments & Securities

Managing Investment Portfolios

A Dynamic Process, 4th Edition

CFA INSTITUTE

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INVESTMENTS & SECURITIES

Managing Investment Portfolios

A Dynamic Process, Workbook, 4th Edition

CFA INSTITUTE

DECEMBER 2020 UnknownPP
978-1-119-74375-0 PB \$50.00 (Japan)
INVESTMENTS & SECURITIES

The Value Investors

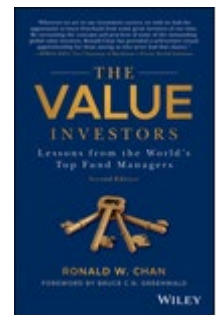
Lessons from the World's Top Fund Managers

2nd Edition

RONALD CHAN & FOREWORD BY BRUCE C. N. GREENWALD

The latest edition of the popular collection of in-depth portraits of extraordinary value investors, featuring new profiles and updates

The second edition of *The Value Investors* presents a collection of investing legend profiles from around the world. Chapters explore the investors' backgrounds, cultures, and personal stories, and reveal how life experiences have shaped their investment strategies and mindsets. This fascinating book shows you that value investing is a dynamic, constantly-changing strategy which, when properly implemented, can provide significant, sustainable benefits. Although the investors profiled come from a diverse range of geographic regions and socio-economic, cultural, and educational backgrounds, they share similar personality traits, temperaments, and investment philosophes.



Thoroughly revised and expanded, the book provides relevant updates on the professional and personal experiences of the investors since the first edition's publication. Complementing the original profiles are several new chapters featuring established value investors including Howard Marks, as well as rising personalities and fund managers such as Álvaro Guzmán de Lázaro and Fernando Bernad Marrase. Author Ronald Chan, founder of Hong Kong-based investment management Chartwell Capital Limited, highlights how and why the value investors have consistently beaten the stock market through the years.

The Value Investors: Lessons from the World's Top Fund Managers, 2nd Edition is a must-read for investors looking to diversify their portfolios across different asset classes or geographic areas, finance professionals and students, and general readers with interest in value investing.

DECEMBER 2020 288PP
978-1-119-61706-8 CL \$45.00 (Japan)
INVESTMENTS & SECURITIES

Candlestick and Pivot Point Trading Triggers

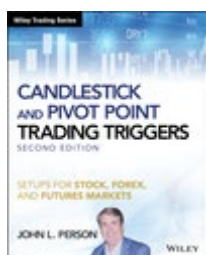
Setups for Stock, Forex, and Futures Markets

2nd Edition

JOHN L. PERSON

Technical analysis for today's market, with smarter setups for less risk

Candlestick and Pivot Point Trading Triggers +Website makes Pivot Point analysis relevant for today's market, with up-to-date data and new techniques that reflect the current trading environment. Tried-and-true tactics are modernized with new tools and approaches, and novel methodologies are introduced to help you make smarter trades while minimizing risk. Directional options strategies draw on analysis from Thinkorswim, Trade Station and Genesis Software, and are integrated with PPS Indicator and Persons Pivots. Quarterly pivots are introduced for long-term trading opportunities and option strategists, and leveraged and inverse-leveraged ETFs are brought into the detailed discussion on trading vehicles. The author's own proprietary setups have been updated to align with the new trading realities, and the new chapter on volume analysis covers the techniques used in his book *Mastering the Stock Market*. Combined with the tools and resources featured on the companion website, this book gives you the tools and techniques you need to boost your portfolio's performance.



Technical analysis offers more profit opportunities than ever before, but the tools of the trade have changed. This book brings you up to date with the latest, so you can start getting even more out of your trades.

- Utilize leveraged and inverse-leveraged ETFs
- Integrate directional options strategies
- Apply new techniques for volume analysis
- Implement quarterly pivots for longer-term opportunities

SERIES: WILEY TRADING

DECEMBER 2020 368PP
978-1-119-29553-2 PB \$70.00 (Japan)
TRADING

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.

DECEMBER 2020 288PP
978-1-119-70565-9 PB \$34.95 (Japan)
Finance & Investments Special Topics

Geopolitical Alpha

An Investment Framework for Predicting the Future

MARKO PAPIC

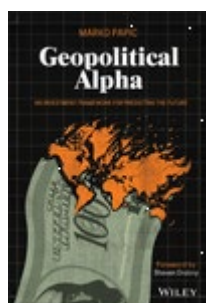
Forecast geopolitics and markets with this clear and insightful resource.

Geopolitical Alpha -- An Investment Framework for Predicting the Future provides readers with an original and compelling approach to forecasting the future and beating the markets while doing so. Persuasively written by author, investment strategist, and geopolitical analyst Marko Papic, the book applies a novel framework for making sense of the cacophony of geopolitical risks with the eye towards generating investment-relevant insights.

Geopolitical Alpha posits that investors should ignore the media-hyped narratives, insights from "smoke-filled rooms," and most of their political consultants and, instead, focus exclusively on the measurable, material constraints facing policymakers. In the tug-of-war between policymaker preferences and their constraints, the latter always win out in the end. Papic uses a wealth of examples from the past decade to illustrate how one can use his constraint-framework to generate *Geopolitical Alpha*. In the process, the book discusses:

- What paradigm shifts will drive investment returns over the next decade
 - Why investment and corporate professionals can no longer treat geopolitics as an exogenous risk
 - How to ignore the media and focus on what drives market narratives that generate returns
- Perfect for investors, C-suite executives, and investment professionals, *Geopolitical Alpha* belongs on the shelf of anyone interested in the intersection of geopolitics, economics, and finance.

DECEMBER 2020 288PP
978-1-119-74021-6 CL \$29.95 (Japan)
Finance & Investments Special Topics



Investing in Cannabis

The Next Great Investment Opportunity

DAN AHRENS

Learn how to get in on the ground floor of the booming cannabis industry with this comprehensive guide

Investing in Cannabis: The Next Great Investment Opportunity examines the rapidly expanding world of cannabis investment. Written by a renowned expert in "vice investing," Investing in Cannabis takes an in-depth look at all aspects of publicly traded stocks in the cannabis industry for medical or recreational use, including:

- CBD / hemp companies
- Cannabis oil extraction
- Cannabis cultivation / agriculture companies
- Biotech / pharmaceutical companies

This book focuses on the status and history of cannabis legalization plus concrete examples that every day investors can use to make intelligent and informed investments in any sector of the modern, legal cannabis industry. With an emphasis on good lists and data, the author guides readers through the ins and outs of the booming cannabis industry and attempts to distinguish between future breakout success stories and future busts.

Investing in Cannabis is perfect for any person or institutional investor seeking to diversify their portfolio to include investments in this up-and-coming industry.

DECEMBER 2020 UnknownPP
978-1-119-69101-3 CL \$29.95 (Japan)
Finance & Investments Special Topics



外国語

Perturbation Methods in Credit Derivatives

Strategies for Efficient Risk Management

COLIN TURFUS

Symbian Ltd

Stress-test financial models and price credit instruments with confidence and efficiency using the perturbation approach taught in this expert volume

Perturbation Methods in Credit Derivatives: Strategies for Efficient Risk Management offers an incisive examination of a new approach to pricing credit-contingent financial instruments. Author and experienced financial engineer Dr. Colin Turfus has created an approach that allows model validators to perform rapid benchmarking of risk and pricing models while making the most efficient use possible of computing resources.

The book provides innumerable benefits to a wide range of quantitative financial experts attempting to comply with increasingly burdensome regulatory stress-testing requirements, including:

- Replacing time-consuming Monte Carlo simulations with faster, simpler pricing algorithms for front-office quants
- Allowing CVA quants to quantify the impact of counterparty risk, including wrong-way correlation risk, more efficiently
- Developing more efficient algorithms for generating stress scenarios for market risk quants
- Obtaining more intuitive analytic pricing formulae which offer a clearer intuition of the important relationships among market parameters, modelling assumptions and trade/portfolio characteristics for traders

The methods comprehensively taught in *Perturbation Methods in Credit Derivatives* also apply to CVA/DVA calculations and contingent credit default swap pricing.

SERIES: WILEY FINANCE

DECEMBER 2020 240PP
978-1-119-60961-2 CL \$80.00 (Japan)
Finance & Investments Special Topics

French Visual Dictionary For Dummies

CONSUMER DUMMIES

Wiley

French Visual Dictionary For Dummies helps travelers and language learners reinforce concepts visually. By pairing the English and French words with a corresponding image, readers can quickly and easily translate new vocabulary. The travel companion book is organized by theme, including:

- Transportation
- Saying hello
- In the city vs. in nature
- Food and restaurants
- Accommodations (bedroom, bathroom)
- Money and shopping
- Culture and sports
- Accidents and emergencies



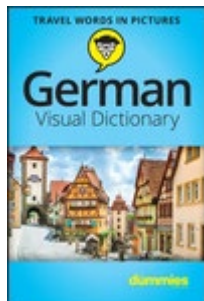
DECEMBER 2020 272PP
978-1-119-71719-5 PB \$12.99 (Japan)
General Foreign Languages

German Visual Dictionary For Dummies

CONSUMER DUMMIES

Wiley

German Visual Dictionary For Dummies helps travelers and language learners reinforce concepts visually. By pairing the English and German words with a corresponding image, readers can quickly and easily translate new vocabulary. The travel companion book is organized by theme, including:



- Transportation
- Saying hello
- In the city vs. in nature
- Food and restaurants
- Accommodations (bedroom, bathroom)
- Money and shopping
- Culture and sports
- Accidents and emergencies

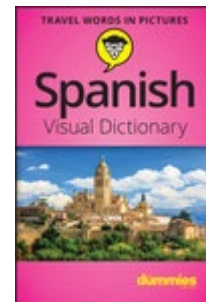
DECEMBER 2020 176PP
978-1-119-71714-0 PB \$12.99 (Japan)
General Foreign Languages

Spanish Visual Dictionary For Dummies

CONSUMER DUMMIES

Wiley

Spanish Visual Dictionary For Dummies helps travelers and language learners reinforce concepts visually. By pairing the English and Spanish words with a corresponding image, readers can quickly and easily translate new vocabulary. The travel companion book is organized by theme, including:



- Transportation
- Saying hello
- In the city vs. in nature
- Food and restaurants
- Accommodations (bedroom, bathroom)
- Money and shopping
- Culture and sports
- Accidents and emergencies

DECEMBER 2020 UnknownPP
978-1-119-71712-6 PB \$12.99 (Japan)
General Foreign Languages

食品科学

Innovative Processing Technologies for Healthy Grains

MILICA POJIC & UMA TIWARI

Cereals and pseudocereals are widely grown throughout the world and their dietary and economic importance is globally appreciated and recognised. For this reason, the FAO forecasted about 15 million tonnes in the year 2016/17. Today, the grain processing industry has diverse range of products and most of the grains are processed for convenience and better utilization of the grains as whole. Nowadays, increased consumer interest towards processed foods, for its convenience purpose and readily available nutritious food products, create a constant demand to increase industrialisation for processing of these grains. This demands the food manufactures to pose different processing challenges to food manufacturers.

The book is structured to cover all aspects of innovative cereal/pseudocereal processing, from the selection of raw materials to novel trends in cereals/pseudocereals use and consumption and the environmental impact. The content of the book is divided into four main parts:

Introduction

I RAW MATERIALS

II PROCESSING TECHNOLOGIES

III NOVEL CEREAL-BASED PRODUCTS

IV GLOBAL TRENDS IN THE CEREAL USE, PROCESSING AND CONSUMPTION

Each part of the book contains several chapters reflecting the topic with one common key focus: innovation and innovative trends.

SERIES: IFST ADVANCES IN FOOD SCIENCE

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

Whole Grains and Health

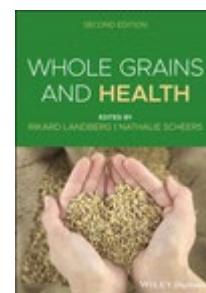
EDITOR RIKARD LANDBERG & EDITOR AFAF KAMAL-ELDIN

United Arab Emirates University

Much research has been published in this area since the first book appeared and this will be reflected in the six brand new chapters of the revised edition.

New coverage includes:

- Summaries of the findings of several large research projects on the health effects of whole grain in Europe and the US
- Findings of a large number of epidemiological studies in different populations on the associations between whole grain consumption and risk of developing chronic diseases
- The application of metabolomics to address health effects and to find new biomarkers of both dietary exposure and health effects related to the diet
- The use of genomics in several large scale intervention studies on how gene-expression profiles are changes in response to whole grain intake
- Newly identified bioactive compounds in whole grains and whole grain fractions
- The new EU regulations on health claims that affect whole grain food products



This new edition will be restructured around five sections:

1. Wholegrain basics
2. Evidence for disease prevention
3. Whole grains- mechanisms and effects on risk factors for chronic disease
4. Searching for new molecular mechanisms underlying health benefits of whole grains
5. Whole grains and the consumer

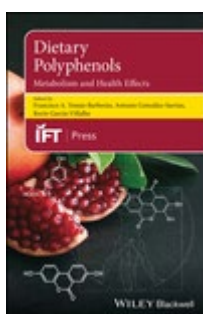
FEBRUARY 2021 400PP
978-1-118-93943-7 CL \$199.95 (Japan)
Bakery & Cereals

Dietary Polyphenols

Metabolism and Health Effects

EDITOR FRANCISCO A. TOMÁS-BARBERÁN, EDITOR ANTONIO GONZÁLEZ-SARRAS & EDITOR ROCÍO GARCÍA-VILLALBA

This book will describe the most recent studies about metabolism and the current evidence on the health effects of the different group of polyphenols. The first two chapters will provide an overview of extractable fraction and non-extractable polyphenols, a relevant fraction of dietary polyphenols that are extensively metabolised by the action of microbiota and that exhibit potential health effects. Analytical methods available for identification and quantification of polyphenols in foods and biological samples will be considered in the third chapter. In the following chapters, the different families of phenolic compounds: hydroxycinnamic acids (chapter 4), flavonoids (chapter 5), anthocyanidins (chapter 6), flavan-3-ols and proanthocyanidins (chapter 7), hydrolyzable tannins (chapter 8), lignans (chapter 9) and stilbenes (chapter 10) will be presented. Bioavailability, bioaccessibility, pharmacokinetics studies, microbial metabolism of these families of compounds will be reviewed in individual chapters, along with the biological activities described in literature for these groups of compounds. Recent epidemiological and clinical intervention studies showing protective effects of polyphenols and discussing the gaps in this term will be included in chapter 10 and the importance of the interindividual variability in the metabolism and health effects will be discussed in chapter 11. Due to the importance of gut microbiota to understand the metabolism and health effects of polyphenols, chapter 12 will be dedicated to the interaction between polyphenols and gut microbiota.



SERIES: INSTITUTE OF FOOD TECHNOLOGISTS SERIES

DECEMBER 2020 576PP
978-1-119-56372-3 CL \$199.95 (Japan)
Functional Foods & Nutraceuticals

Medicare For Dummies

4th Edition

PATRICIA BARRY

Medicare made simple

Medicare brings valuable benefits to more than 58 million people and growing, but most of us don't even know the basics of how Medicare can work best for us. That's where *Medicare For Dummies*, 4th Edition comes in, explaining how this complex system functions and helping you confidently navigate your way through the maze to get the most out of your coverage.



This indispensable resource untangles Medicare in friendly, straightforward language. Step by step, you'll learn when and how to enroll, ways to avoid costly mistakes, and how to find the plan that brings the most benefit to you and your family.

- Reduce out-of-pocket expenses
- Know your rights and protections
- Choose the best policy for you

Using this reassuring and comprehensive guide, you'll be able to get the answers to all your questions, find guidance on how to act--and then get on with getting the benefits you need.

DECEMBER 2020 UnknownPP
978-1-119-68993-5 PB \$24.99 (Japan)
CONSUMER HEALTH GENERAL

Practical Health Promotion

3rd Edition

JOHN HUBLEY, JUNE COPEMAN & JAMES WOODALL

(deceased) Principal Lecturer in Nutrition and Dietetics, Leeds Metropolitan University; Senior Lecturer in Nutrition & Dietetics, Leeds Metropolitan University; Leeds Metropolitan University



READERSHIP: Foundation-level, first- and second-year students, as well as allied health care professionals, requiring a practically focused introduction to health promotion

DECEMBER 2020 352PP
978-1-5095-4173-7 CL \$84.95 (Japan)
978-1-5095-4174-4 PB \$34.95 (Japan)
Health Care Professional Development & Education

Borderline Personality Disorder For Dummies

2nd Edition

CHARLES H. ELLIOTT & LAURA L. SMITH

Fielding Graduate Institute; Presbyterian Medical Group



Borderline personality disorder is a mental health disorder that impacts the way you think and feel about yourself and others, causing problems functioning in everyday life. It includes self-image issues, difficulty managing emotions and behavior, and a pattern of unstable relationships. *Borderline Personality Disorder For Dummies*, 2nd

Edition will help those diagnosed with BPD get to the root of their disease, develop strategies for breaking the cycle, and ultimately learn to live well. Loaded with information to help spouses, parents, and other loved ones understand and accept the disorder, the book will be a must-have reference for sufferers and their loved ones alike.

Updates include:

- Update all references from DSM IV to DSM V
- Greater emphasis on compassion and the emergence of compassion-focused therapy
- A review of new therapies, including transdiagnostic approaches, Acceptance and Commitment Therapy, compassion-focused therapy, and Systems Training for Emotional Predictability and Problem Solving (STEPPS)
- Update references to technology and role of social media (e.g., previously discussed using a PDAs which are outdated)
- Add the Stages of Change Model
- Additional information on important health behaviors such as diet, exercise, and sleep
- Extensive revision and updating of medication chapter
- Make elaborations and clarifications as needed due to new research and changes in the field

DECEMBER 2020 384PP
978-1-119-71430-9 PB \$22.99 (Japan)
MENTAL HEALTH

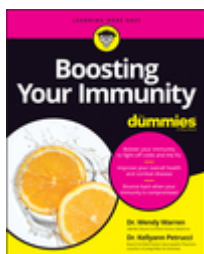
ライフスタイル

Boosting Your Immunity For Dummies

WENDY WARNER & KELLYANN PETRUCCI

Boost your body's defenses to fight-off disease and live stronger and longer

Every single day our bodies are under attack from nasty little organisms which range from the pesky to the frighteningly serious. So, what's the best way to fight back? Thankfully nature has provided us with a powerful interior armor-plating--and *Boosting Your Immunity For Dummies* shows you how to keep that crucial biological gift in tip-top condition.



Brought to you by bestselling author **Kellyann Petrucci, MS, ND**, a board-certified naturopathic physician, and Wendy Warner, a board certified holistic physician,--*Boosting Your Immunity For Dummies* sets out the sound ways we can supercharge our immune systems to prevent illnesses and diseases such as arthritis, autoimmune conditions, pneumonia, cancer, and the flu. Using a simple program of diet, exercise, stress-reduction, and nutritional supplements, we can keep our internal defenses humming happily along--and get generally healthier in the process!

- The best nutritional strategies to avoid cold and flu
- 40+ recipes that show healthy eating can also be delish
- Cutting-edge research on immune-boosting health and diet
- Lists and tips for keeping a low-cost, healthy pantry

Through diet, exercise, stress reduction, nutritional supplements, and the role of water, sunlight, and oxygen, you can harness the power of your immune system and drastically improve your immunity to disease.

DECEMBER 2020 384PP
978-1-119-74012-4 PB \$22.99 (Japan)
HEALTH, DIET & NUTRITION

Home Recording For Dummies

6th Edition

JEFF STRONG

Record anywhere with your portable studio

It no longer requires a professional studio to record great music. The tools to create a multi-track song can be found on home computers, tablets, or even smartphones. *Home Recording For Musicians For Dummies* de-mystifies the world of recording by walking would-be producers and engineers through the steps of recording or creating tracks, making edits, mixing, and mastering into a final product you can share with the world. The book covers how to apply proven recording methods whether you're using a digital device, a computer with recording software, or standalone home recording gear.

**Inside...**

- Choose the studio that fits your needs
- Acquire the necessary hardware
- Get to know different microphones
- Discover tips on recording live instruments
- Record using virtual instruments
- Build rhythm tracks and loops
- Edit, mix and master your recording

DECEMBER 2020 416PP
978-1-119-71110-0 PB \$29.99 (Japan)
MUSIC

Banjo For Dummies

Book + Online Video and Audio Instruction
2nd Edition

BILL EVANS

From the mountains to the charts, the banjo is back!

Thanks to its prevalence in folk and bluegrass music, the banjo helps define the very essence of "old-time music." At least that was the case until the mid-2010's when a new generation of pop artists made the old sound new again and scored pop hits with banjo-driven music. *Banjo For Dummies* helps out those who want to achieve that old-time sound as well as those who want to create the next chart topper. Packed with musical examples, charts, and photos, this step-by-step guide features tips and techniques for playing tunes on the banjo: how to select the right instrument and accessories; how to develop correct hand position and posture; and how to tune, care for, and make simple repairs to the instrument.



Inside...

- Getting to know the five-string banjo
- Tuning your banjo
- Making the left and right hands work together
- Exploring historic, traditional, and modern styles
- Taking care of a banjo- Going beyond the book with online lessons

DECEMBER 2020 384PP
978-1-119-73138-2 PB \$24.99 (Japan)
MUSIC

Guitar All-in-One For Dummies

Book + Online Video and Audio Instruction
2nd Edition

HAL LEONARD CORPORATION, MARK PHILLIPS, QUEENS, JON CHAPPELL, RYE & DESI SERNA

Guitar All-In-One For Dummies, 2nd Edition, features a wealth of Dummies content for guitarists, including material from:

- * *Guitar For Dummies*
- * *Guitar Theory For Dummies*
- * *Guitar Exercises For Dummies*
- * *Rock Guitar For Dummies*
- * *Blues Guitar For Dummies*
- * *Classical Guitar For Dummies*



DECEMBER 2020 648PP
978-1-119-73141-2 PB \$34.99 (Japan)
MUSIC

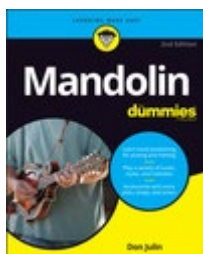
Mandolin For Dummies

2nd Edition

DON JULIN

Learn how fretting and picking can entertain friends!

The mandolin is making a big comeback among music enthusiasts. A longtime staple of bluegrass, folk, jazz, and country music, this fast-pickin' favorite featured heavily in traditional music from around the world is now seeing a resurgence in global pop.



In *Mandolin For Dummies*, accomplished composer, performer, and mandolin guru Don Julin breaks down the history and fundamentals of this versatile instrument, showing how you too can fret, pick, and strum with the best in the business. Packed with photos and diagrams to help you perfect your hand positioning, you'll make your way through a plethora of mandolin-friendly musical styles and learn how to take good care of your instrument--paying it back for all the pleasure it brings to you and your friends.

- Buy the right mandolin for you
- Pick up key musical styles
- Play along with downloadable exercises
- Restring your instrument

Whether this is your first instrument or you're adding to your repertoire, this little number has everything you need to get the most out of your mandolin!

DECEMBER 2020 400PP
978-1-119-73664-6 PB \$24.99 (Japan)
MUSIC

Violin For Dummies

Book + Online Video and Audio Instruction

3rd Edition

KATHARINE RAPOPORT

Learn to play violin -- from first notes to first songs



Some see learning the violin as much an intellectual pursuit as a musical pursuit. If you need to escape the notion that you need to be a genius to make beautiful music with a violin, this is the book for you. *Violin For Dummies* introduces you to the instrument that adds melody to string quartets, orchestras, and even pop music. The book assumes no prior musical experience as it explains the physics of how a violin makes sound, how to play notes and scales on a violin, and how to put it all together into performing a song.

Inside:

- Tuning a violin
- Holding a violin properly
- Getting to know musical notation
- Playing your first scales
- Creating harmonic chords
- Improving bowing and fingering
- Choosing an instrument

DECEMBER 2020 432PP
978-1-119-73134-4 PB \$24.99 (Japan)
MUSIC

Wine Management and Marketing Opportunities for Companies and Challenges for the Industry

EDITOR FOUED CHERIET, EDITOR CAROLE MAUREL, EDITOR PAUL
AMADIEU & EDITOR HERVE HANNIN

DECEMBER 2020 320PP
978-1-78630-528-2 CL \$155.00 (Japan)
Wines & Spirits

Mixed Breeds For Dummies

2nd Edition

MIRIAM FIELDS-BABINEAU

Mixed Breeds For Dummies, 2nd Edition takes the mystery out of mixed breed dogs and gives you the 411 on everything you need to know about owning your very own Heinz 57. Whether your mixed breed dog is a mangy mutt, a reserved rescue dog, or a dainty designer dog, one thing is for certain--he needs just as much love and attention as his purebred peers.



Updates include:

- Updated terminology
- New types of activities available to mixed breeds
- How to work with dogs who have canine cognitive dysfunction (CCD)
- Play training for puppies
- New sidebars, including DNA testing
- Benefits of aquatic therapy
- An expansion of the section on nail clipping
- Discussion of allergy testing
- Some adjustments to training protocols

DECEMBER 2020 UnknownPP
978-1-119-71142-1 PB \$24.99 (Japan)
PET CARE / DOGS

Siberian Huskies For Dummies

2nd Edition

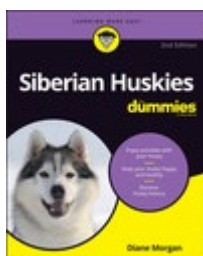
DIANE MORGAN

Is this breed right for you and your family? *Siberian Huskies For Dummies*, 2nd Edition answers this and all your questions about getting, caring for, and living with a Siberian. Siberian devotee Diane Morgan gets you up and running with what you need to know. In friendly, down-to-earth language, Diane provides insights into the Siberian Husky temperament and loads of sensible, easy-to-follow advice on everything a Siberian owner should know—along with fun facts and trivia, amusing and informative anecdotes, and tips on how to have a great time with your Siberian. The indispensable guide for you and your Siberian Husky, *Siberian Huskies For Dummies*, 2nd Edition is the only book you'll need to help you have the best possible experience with this very ancient and venerable breed of dog.

Updates include:

- Deeper historical look at the breed
- Suggestions for adoption from shelter rather than purchase from pet store
- More details about grooming
- Revised chapter about vet visits/keeping your Siberian healthy
- Additional information on behavior correction and training

DECEMBER 2020 288PP
978-1-119-71184-1 PB \$22.99 (Japan)
PET CARE / DOGS



Fishing For Dummies

3rd Edition

PETER KAMINSKY, BROOKLYN, UNITED STATES & GREG SCHWIPPS

From trout to carp and catfish to bonefish, the easy-to-follow pictures and tips in *Fishing For Dummies*, 3rd Edition, helps anglers prepare for what awaits beyond the shore. Featuring new and updated content on kayak fishing, advanced sonar equipment, GPS, and technology integration, this revised edition delivers the latest and greatest in fishing enjoyment and how-to. Readers will discover how to choose the right gear, the right spots, and the right times for fishing.



DECEMBER 2020 416PP
978-1-119-68589-0 PB \$22.99 (Japan)
SPORTS

言語学

Fly Fishing For Dummies

2nd Edition

PETER KAMINSKY, BROOKLYN, UNITED STATES

Fly Fishing For Dummies, 2nd Edition is the one-stop guide to everything you need to get started with or improve on your fly-fishing game. From building your kit and gearing up to throwing your first cast, planning the ultimate fly-fishing adventure, and cooking up the day's catch, *Fly Fishing For Dummies*, 2nd Edition has it all.



DECEMBER 2020 384PP
978-1-119-68590-6 PB \$22.99 (Japan)
SPORTS

The Wiley Blackwell Companion to Semantics

EDITOR DANIEL GUTZMANN, EDITOR LISA MATTHEWSON, EDITOR CECILE MEIER, EDITOR HOTZE RULLMANN & EDITOR THOMAS E. ZIMMERMAN

An inclusive survey of linguistic semantics, written by prominent experts in the field

The Wiley Blackwell Companion to Semantics provides a thorough investigation of issues and phenomena central to the development of modern semantics and its interfaces. Presenting in-depth chapters written by leading experts in the field, this book investigates competing analyses and approaches, examines their conceptual foundations, and evaluates them as applied to various languages. This authoritative collection enables scholars and students of semantics--as well as those from associated areas of linguistics such as syntacticians--to broaden and deepen their knowledge of the subject and the developments in the field.



Presenting over 100 case studies, the collection of chapters within this *Companion* is organized in alphabetical order for ease of reference. This key reference work:

- Provides detailed coverage of the major developments in linguistic semantics over the past several decades
- Demonstrates how research can identify differences and similarities in a variety of languages
- Presents studies that encompass well-delimited empirical areas and play important roles in theoretical debates
- Identifies topics via famous example sentences

The Wiley Blackwell Companion to Semantics is a valuable reference work for scholars, researchers, academics, and students in linguistics and related areas.

SERIES: THE WILEY BLACKWELL COMPANIONS TO LINGUISTICS

DECEMBER 2020 3520PP
978-1-118-78831-8 CL

日本国内総代理店：株式会社紀伊國屋書店

Semantics

The Handbook of Language and Speech Disorders

2nd Edition

EDITOR JACK DAMICO, NICOLE MULLER & EDITOR MARTIN J. BALL

University of Louisiana at Lafayette, USA; University of Ulster

The Handbook of Speech and Language Disorders has been extensively updated and refocused to present a comprehensive survey of the latest research in communication disorders. Reflecting the rapid advances in the field, the second edition of this authoritative *Handbook* features in-depth coverage of the major disorders of language and speech. Accessibly structured into four sections, 26 contributions from leading experts explore current issues, landmark studies, and the main topics and themes in the fields of communication sciences and disorders. A series of foundational chapters covers a variety of important general principles irrespective of specific disorders. These chapters focus on such topics as labeling, diversity considerations, intelligibility, and principles of assessment and intervention. With an extraordinary breadth and depth of coverage in the most crucial aspects of this growing field, *The Handbook of Speech and Language Disorders*, Second Edition, continues to be an invaluable guide for clinicians and researchers, and a rich source of information for students in speech-language pathology, linguistics, psychology and education.



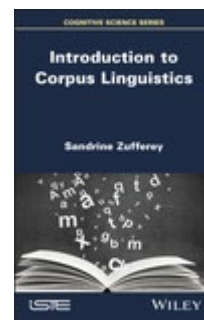
SERIES: BLACKWELL HANDBOOKS IN LINGUISTICS

DECEMBER 2020 752PP
978-1-119-60696-3 CL \$195.00 (Japan)
SPEECH SCIENCE

Introduction to Corpus Linguistics

SANDRINE ZUFFEREY

DECEMBER 2020 274PP
978-1-78630-417-9 CL \$145.00 (Japan)
Cognitive Science



ライフサイエンス

Ecology

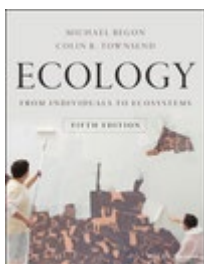
From Individuals to Ecosystems, 5th Edition

MICHAEL BEGON & COLIN R. TOWNSEND

University of Liverpool; University of Otago

A definitive guide to the depth and breadth of the ecological sciences, revised and updated

The revised and updated fifth edition of *Ecology: From Individuals to Ecosystems* -- now in full colour -- offers students and practitioners a review of the ecological sciences.



In the first edition, 34 years ago, it seemed acceptable for ecologists to hold a comfortable, objective, not to say aloof position, from which the ecological communities around us were simply material for which we sought a scientific understanding. Now, we must accept the immediacy of the many environmental problems that threaten us and the responsibility of ecologists to play their full part in addressing these problems. This fifth edition addresses this challenge, with several chapters devoted entirely to applied topics, and examples of how ecological principles have been applied to problems facing us highlighted throughout the remaining nineteen chapters.

Nonetheless, the authors remain wedded to the belief that environmental action can only ever be as sound as the ecological principles on which it is based. Hence, while trying harder than ever to help improve preparedness for addressing the environmental problems of the years ahead, the book remains, in its essence, an exposition of the *science* of ecology. This new edition incorporates the results from more than a thousand recent studies into a fully up-to-date text.

Written for students of ecology, researchers and practitioners, the fifth edition of *Ecology: From Individuals to Ecosystems* is an essential reference to all aspects of ecology and addresses environmental problems of the future.

DECEMBER 2020 912PP
978-1-119-27935-8 PB \$65.00 (Japan)
ECOLOGY & ORGANISMAL BIOLOGY

TEXT

Genetic Disorders and the Fetus

Diagnosis, Prevention and Treatment

8th Edition

AUBREY MILUNSKY & JEFF M. MILUNSKY

DECEMBER 2020 1216PP
978-1-119-67693-5 CL \$290.00 (Japan)
HUMAN GENETICS

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

DECEMBER 2020 496PP
978-1-118-43694-3 CL \$99.99 (Japan)
HUMAN GENETICS

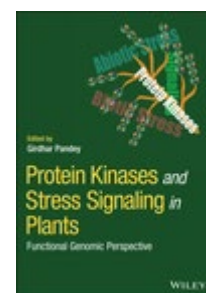
Protein Kinases and Stress Signaling in Plants

Functional Genomic Perspective

GIRDHAR K. PANDEY

University of Delhi South Campus, New Delhi, India

In the post-genomic era, one of the major challenges is investigation and understanding of multiple genes and gene families regulating a particular physiological and developmental aspect of plant life cycle. One of the important physiological processes is regulation of stress response, which leads to adaptation or adjustment in response to adverse stimuli. With the holistic understanding of the signaling pathways involving kinases, one gene family or multiple genes or gene families, plant biologists can lay a foundation for designing and generating future crops, which can withstand the higher degree of environmental stresses (especially abiotic stresses, which are the major cause of crop loss throughout the world) without losing crop yield and productivity. In this proposed book, leading plant biologists in the field of stress mediated phosphorylation by kinases will detail the important tasks to elucidate aspects of stress signaling using geneomics and functional genomic approaches.



DECEMBER 2020 432PP
978-1-119-54151-6 CL \$215.00 (Japan)
Plant Cell Biology

文学

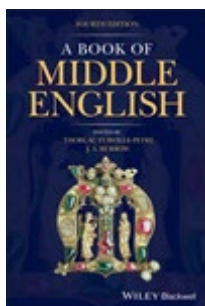
A Book of Middle English

4th Edition

THORLAC TURVILLE-PETRE

University of Nottingham

The *fourth edition* of this essential Middle English textbook introduces students to the wide range of literature written in England between 1150 and 1400. Beginning with an extensive overview of middle English history, grammar, syntax, and pronunciation, the book goes on to examine key middle English texts -- including a new extract from Julian of Norwich's *Revelation of Divine Love* -- with helpful notes to direct students to key points within the text. Keeping in mind adopter feedback, this new edition includes a new model translation section with a student workbook and model exercise for classroom use. This new chapter will include sections on 'false friend' words, untranslatable idioms and notes on translating both poetry and prose. The text and references will be fully updated throughout and a foreword dedicated to the late J. A. Burrow will be included.



DECEMBER 2020 480PP
978-1-119-61927-7 PB \$45.95 (Japan)
Old, Middle & Medieval English Literature

Renaissance DramaAn Anthology of Plays and Entertainments
3rd Edition

EDITOR ARTHUR F. KINNEY

University of Massachusetts

Experience the best and most noteworthy works of Renaissance drama

This Third Edition of *Renaissance Drama: An Anthology of Plays and Entertainments* is the latest installment of a groundbreaking collection of non-Shakespearean Renaissance drama. Covering not only the popular drama of the period, *Renaissance Drama* includes masques, Lord Mayor shows, royal performances, and the popular mystery plays of the time. The selections fairly represent the variety and quality of Renaissance drama and they include works of scholarly and literary interest.

Each work included in this edition comes with an insightful and illuminating introduction that places the piece in its historical and cultural context, with accompanying text explaining the significance of each piece and the ways in which it interacts with other works.

New to this edition are:

- The famous entertainment for Elizabeth at Kenilworth
- George Peele's remarkably inventive *Old Wives' Tales*
- The oft-forgotten history of *Thomas of Woodstock*, predecessor to Shakespeare's *Richard II*
- John Lyly's *Gallathea*, a work which explores gender and love, written for the Children's Company at Saint Paul's
- Ben Johnson's *Volpone* and the controversial *Epicoene*

Perfect for scholars, teachers, and readers of the English Renaissance, *Renaissance Drama: An Anthology of Plays and Entertainments* belongs on the bookshelves of anyone with even a passing interest in the drama of its time.

SERIES: BLACKWELL ANTHOLOGIES

DECEMBER 2020 928PP
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RENAISSANCE ENGLISH LITERATURE

数学

Modern Literatures in Spain

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

New York University, USA

SERIES: POLITY CULTURAL HISTORY OF LITERATURE SERIES

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European Literature

**Asymptotic Analyses for Complex
Evolutionary Systems with Markov and
Semi-Markov Switching Using
Approximation Schemes**

ELIAS MAVROMATIDIS, ANATOLII NIKITIN & ULIANA KHIMKA

Harokopio University, Athens, Greece

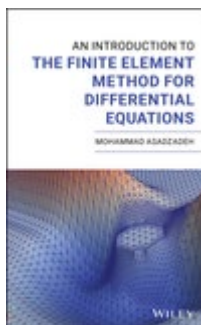
DECEMBER 2020 236PP
978-1-78630-556-5 CL \$135.00 (Japan)
Mathematics

An Introduction to the Finite Element Method for Differential Equations

MOHAMMAD ASADZADEH

Master the finite element method with this masterful and practical volume

An Introduction to the Finite Element Method (FEM) for Differential Equations provides readers with a practical and approachable examination of the use of the finite element method in mathematics. Author Mohammad Asadzadeh covers basic FEM theory, both in one-dimensional and higher dimensional cases.



The book is filled with concrete strategies and useful methods to simplify its complex mathematical contents. Practically written and carefully detailed, *An Introduction to the Finite Element Method* covers topics including:

- An introduction to basic ordinary and partial differential equations
- The concept of fundamental solutions using Green's function approaches
- Polynomial approximations and interpolations, quadrature rules, and iterative numerical methods to solve linear systems of equations
- Higher-dimensional interpolation procedures
- Stability and convergence analysis of FEM for differential equations

This book is ideal for upper-level undergraduate and graduate students in natural science and engineering. It belongs on the shelf of anyone seeking to improve their understanding of differential equations.

DECEMBER 2020 352PP
978-1-119-67164-0 CL \$115.00 (Japan)
Differential Equations

Continuous Functions

JACQUES SIMON



DECEMBER 2020 272PP
978-1-78630-010-2 CL
Mathematical Modeling

Integer Programming

2nd Edition

LAURENCE A. WOLSEY

L'Universite Catholique de Louvain

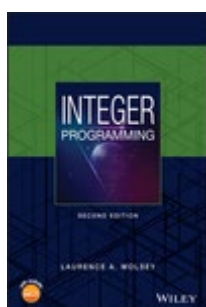
A PRACTICAL GUIDE TO OPTIMIZATION PROBLEMS WITH DISCRETE OR INTEGER VARIABLES, REVISED AND UPDATED

The revised second edition of *Integer Programming* explains in clear and simple terms how to construct custom-made algorithms or use existing commercial software to obtain optimal or near-optimal solutions for a variety of real-world problems. The second edition also includes information on the remarkable progress in the development of mixed integer programming solvers in the 22 years since the first edition of the book appeared. The updated text includes information on the most recent developments in the field such as the much improved preprocessing/presolving and the many new ideas for primal heuristics included in the solvers. The result has been a speed-up of several orders of magnitude. The other major change reflected in the text is the widespread use of decomposition algorithms, in particular column generation (branch-(cut)-and-price) and Benders' decomposition. The revised second edition:

- Contains new developments on column generation
- Offers a new chapter on Benders' algorithm
- Includes expanded information on preprocessing, heuristics, and branch-and-cut
- Presents several basic and extended formulations, for example for fixed cost
- network flows
- Also touches on and briefly introduces topics such as non-bipartite matching, the complexity of extended formulations or a good linear program for the implementation of lift-and-project

Written for students of integer/mathematical programming in operations research, mathematics, engineering, or computer science, *Integer Programming* offers an updated edition of the basic text that reflects the most recent developments in the field.

DECEMBER 2020 384PP
978-1-119-60653-6 CL \$125.00 (Japan)
Discrete Mathematics



Multi-parametric Optimization and Control

EFSTRATIOS N. PISTIKOPOULOS, NIKOLAOS DIANGELAKIS & RICHARD OBERDIECK

Imperial College London, Department of Chemical Engineering, London, United Kingdom

Recent developments in multi-parametric optimization and control

Multi-Parametric Optimization and Control provides comprehensive coverage of recent methodological developments for optimal model-based control through parametric optimization. It also shares real-world research applications to support deeper understanding of the material.

Researchers and practitioners can use the book as reference. It is also suitable as a primary or a supplementary textbook. Each chapter looks at the theories related to a topic along with a relevant case study. Topic complexity increases gradually as readers progress through the chapters. The first part of the book presents an overview of the state-of-the-art multi-parametric optimization theory and algorithms in multi-parametric programming. The second examines the connection between multi-parametric programming and model-predictive control—from the linear quadratic regulator over hybrid systems to periodic systems and robust control.

The third part of the book addresses multi-parametric optimization in process systems engineering. A step-by-step procedure is introduced for embedding the programming within the system engineering, which leads the reader into the topic of the PAROC framework and software platform. PAROC is an integrated framework and platform for the optimization and advanced model-based control of process systems.



SERIES: WILEY SERIES IN OPERATIONS RESEARCH AND MANAGEMENT SCIENCE

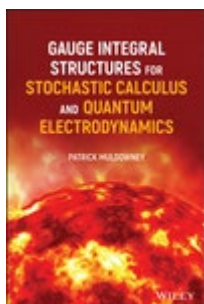
DECEMBER 2020 320PP
978-1-119-26518-4 CL \$135.00 (Japan)
Optimization

Gauge Integral Structures for Stochastic Calculus and Quantum Electrodynamics

PATRICK MULDOWNNEY

University of Ulster

DECEMBER 2020 UnknownPP
978-1-119-59549-6 CL \$125.00 (Japan)
Business & Finance



メディカル・サイエンス

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.



DECEMBER 2020 288PP
978-1-119-57316-6 PB \$55.00 (Japan)
MEDICAL STATISTICS & EPIDEMIOLOGY

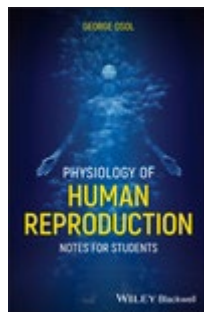
Physiology of Human Reproduction

Notes for Students

GEORGE OSOL

Physiology of Human

Reproduction provides students with a concise and accessible overview of more than 200 vital concepts, from the basic physiology of the male and the nonpregnant female, to fertilization, embryonic and fetal growth, labor, lactation, and more. Presented in a readable style, key terms are highlighted throughout the main text to enable students to quickly find a concept and read the appropriate information.



Whether reading the book from cover to cover, or using a focused approach to learn about specific concepts, readers will find this textbook to be an invaluable tool for increasing their understanding of human reproduction. An essential companion for standard Anatomy and Physiology courses, this student-friendly textbook:

- Covers physiology of the male, the physiology of the nonpregnant female, pregnancy and lactation, and age-related changes such as menopause
- Discusses pregnancy, birth control, and the reproductive system in childhood, adolescence, and puberty
- Describes the anatomy, physiology, and phases of the human sexual response
- Explains genetic conditions and disorders including androgen insensitivity syndrome and Kallman's syndrome

Physiology of Human Reproduction is a must-have learning guide for students in the medical and life sciences, including medicine, nursing, biology, physiology, and biomedicine, as well as those in courses covering human reproduction and pregnancy.

DECEMBER 2020 120PP
978-1-119-60958-2 PB \$37.50 (Japan)
Physiology

Rook's Dermatology Handbook

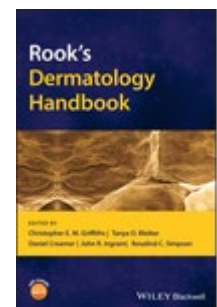
EDITOR CHRISTOPHER M. GRIFFITH, EDITOR TANYA O. BLEIKER,
EDITOR DANIEL CREAMER, EDITOR JAMES C. INGRAM & EDITOR
ROSALIND SIMPSON

King's College Hospital, London, UK; University of North Carolina

The reliable quick-reference guide to clinical dermatology

Rook's Dermatology Handbook condenses a wealth of clinical expertise into its accessible, user-friendly guide to the diagnosis and management of dermatological disorders. With its contents carefully selected from the much-respected *Rook's Textbook of Dermatology*, this invaluable resource combines precise explanations with visual aids and a concise, quick-reference format to create an everyday tool for practitioners and students alike. This innovative new text:

- Provides quick answers to clinical questions in one concise and practical volume
- Collates and condenses selections from the acclaimed *Rook's Textbook of Dermatology*
- Features helpful illustrations that allow visualization of the clinical features of dermatological conditions
- Highlights essential information with easy-to-navigate tables, charts, and algorithms
- Includes investigations and management sections to help provide the best possible patient care
- Offers access to a complementary companion website



Rook's Textbook of Dermatology has been the trusted companion of dermatologists the world over for four decades. *Rook's Dermatology Handbook* builds upon this reputation by making the clinical practice of dermatology more accessible and immediate than ever before.

DECEMBER 2020 1040PP
978-1-119-42819-0 PB \$80.00 (Japan)
Dermatology

Clinical Cases in Paramedicine

EDITOR SAM WILLIS, EDITOR IAN PEATE, GIBRALTAR & EDITOR ROD HILL

University of Tasmania, Sydney, Australia; School of Nursing and Midwifery ; University of Georgia

Clinical Cases in Paramedicine provides students, educators, and early career paramedics with a diverse range of detailed case studies that realistically represent the conditions, scenarios, and challenges encountered in practice. Integrating evidence-based cases and expert insights from leading academics and practitioners, this engaging resource helps readers develop appropriate decision-making skills and apply theoretical concepts to practical situations. Organised by medical presentations and body systems, the text provides readers with a systematic framework that mirrors how paramedics assess cases in the real world.



Throughout the text, cases of varying levels of complexity are designed to meet the needs of Case-Based Learning (CBL) and Problem-Based Learning (PBL) curricula used in paramedic training programmes worldwide. Each chapter contains six case studies--introductory, intermediate, and advanced--and features interactive learning activities, discussion questions, practical tips, and authoritative guidance aligned to national and international best-practice standards. Case studies illustrate scenarios related to trauma, medical emergencies, obstetrics, respiratory and cardiac events, minor injuries, drug overdoses, and many others.

Those studying or working in paramedicine must keep pace with changes in the field using the latest evidence and expert opinion. *Clinical Cases in Paramedicine* is an essential volume for paramedic students and early-career professionals, as well as educators, lecturers, and trainers.

DECEMBER 2020 220PP
978-1-119-61925-3 PB \$50.00 (Japan)
Emergency Medicine & Trauma

Surgical Management of Advanced Pelvic Cancers

EDITOR DESMOND WINTER & EDITOR MICHAEL E. KELLY

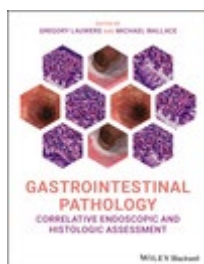
DECEMBER 2020 272PP
978-1-119-51840-2 CL \$170.00 (Japan)
Gastroenterology & Hepatology

Gastrointestinal Pathology

Correlative endoscopic and histologic assessment

GREGORY Y. LAUWERS

This book expertly bridges the gap between the pathologist interpreting patient biopsies and the gastroenterologist treating patients. It provides both pathologists and gastroenterologists with an affordable, well-illustrated guide to aid diagnostic and clinical decision making.



DECEMBER 2020 368PP
978-0-470-65836-9 CL \$200.00 (Japan)
Gastroenterology

Essential Guide to Acute Care

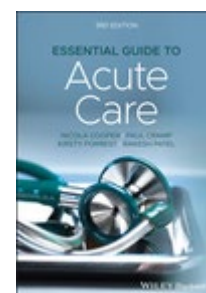
3rd Edition

NICOLA COOPER, PAUL CRAMP, KIRSTY FORREST & RAKESH PATEL

Department of Health Sciences, University of Leicester; Leeds General Infirmary, Leeds, UK; Leeds Teaching Hospital NHS Trust, Leeds, UK

What you really need to know, but no-one told you.

The best-selling *Essential Guide to Acute Care* contains everything you need to know about acute care that you can't find in a standard textbook. The third edition has been extensively revised and updated, presenting new oxygen guidelines, updated evidence and practice around sepsis, fluid balance and volume resuscitation, acute kidney injury, perioperative care, and much more.



The third edition retains the accessible style and comprehensive coverage that has made *Essential Guide to Acute Care* essential reading for those who look after acutely ill adults. Throughout the book, 'mini-tutorials' expand on the latest thinking or controversies, and there are practical case histories to reinforce learning at the end of each chapter. The chapters are designed to be read by individuals or used for teaching material in tutorials.

Essential Guide to Acute Care is an indispensable volume for medical students and newly graduated doctors; doctors training in medicine, surgery, anaesthesia and emergency medicine; advanced clinical practitioners; nurses and allied health professionals working in acute and critical care; and teachers.

DECEMBER 2020 240PP
978-1-119-58416-2 PB \$50.00 (Japan)
INTENSIVE / CRITICAL CARE

Sarcopenia

2nd Edition

EDITOR ALFONSO A 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

Immunophenotyping for Haematologists

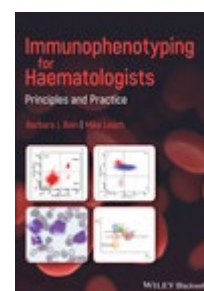
Principles and Practice

BARBARA J. BAIN, LONDON, UNITED KINGDOM & MIKE LEACH

St Mary's Hospital, London, UK

Offers clear and concise instruction on running, reporting and interpreting immunophenotyping studies

Written by two well-known haematology educators and experts on the topic, *Immunophenotyping for Haematologists* contains an introduction to running, reporting and interpreting immunophenotyping studies. The book offers a unique approach to the topic by putting the focus on clinical and laboratory haematologists who are not routinely involved in running and reporting on immunophenotyping studies.



Immunophenotyping using flow cytometry has become the method of choice in identifying and sorting cells within complex populations, for example, the analysis of immune or neoplastic cells in a blood sample. The text reviews the purpose and principles of immunophenotyping and includes an introduction and explanation of the principles and the role of immunophenotyping. The authors examine immunophenotypic characteristics of the disease groups commonly encountered and identify the features that differentiate malignant cells from normal cells. To enhance understanding, the book contains multiple choice and extended matching questions which integrates immunophenotyping with clinicopathological features and the results of other investigations to mimic everyday practice.

Written for haematologists working in both laboratory and clinical haematology, *Immunophenotyping for Haematologists* is a much-needed reference for understanding and interpreting immunophenotyping studies.

DECEMBER 2020 128PP
978-1-119-60611-6 CL \$125.00 (Japan)
Hematology

Snyder and Champness Molecular Genetics of Bacteria

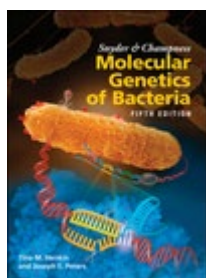
5th Edition

TINA M. HENKIN & JOSEPH E. PETERS

The Ohio State University, USA; University of Maryland, USA

The single most comprehensive and authoritative textbook on bacterial molecular genetics

Snyder & Champness Molecular Genetics of Bacteria is a new edition of a classic text, updated to address the massive advances in the field of bacterial molecular genetics and retitled as homage to the founding authors.



In an era experiencing an avalanche of new genetic sequence information, this updated edition presents important experiments and advanced material relevant to current applications of molecular genetics, including conclusions from and applications of genomics; the relationships among recombination, replication, and repair and the importance of organizing sequences in DNA; the mechanisms of regulation of gene expression; the newest advances in bacterial cell biology; and the coordination of cellular processes during the bacterial cell cycle. The topics are integrated throughout with biochemical, genomic, and structural information, allowing readers to gain a deeper understanding of modern bacterial molecular genetics and its relationship to other fields of modern biology.

Although the text is centered on the most-studied bacteria, *Escherichia coli* and *Bacillus subtilis*, many examples are drawn from other bacteria of experimental, medical, ecological, and biotechnological importance.

While intended as an undergraduate or beginning graduate textbook, *Molecular Genetics of Bacteria* is an invaluable reference for anyone working in the fields of microbiology, genetics, biochemistry, bioengineering, medicine, molecular biology, and biotechnology.

DECEMBER 2020 640PP
978-1-55581-975-0 CL \$140.00 (Japan)
Microbiology

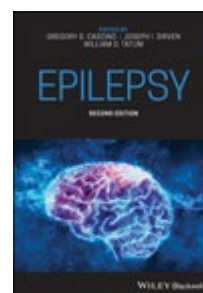
Epilepsy

2nd Edition

EDITOR GREGORY D. CASCINO, EDITOR JOSEPH I. SIRVEN &
EDITOR WILLIAM TATUM

Mayo Clinic; Mayo Clinic

Designed to provide a comprehensive but accessible introduction to epilepsy and seizure disorders, *Epilepsy*, 2nd edition provides state-of-the-art information in a concise format useful to a wide audience, from neurology residents to epilepsy fellows and practitioners. This illustrated guide to the assessment, diagnosis, and treatment of epilepsy is a valuable resource enabling clinicians to stay on top of the latest recommendations for best practice



JANUARY 2021 326PP
978-1-119-43182-4 CL \$200.00 (Japan)
EPILEPSY

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

DECEMBER 2020 640PP
978-1-119-63526-0 PB \$124.95 (Japan)
OBSTETRICS & GYNECOLOGY

TNM Atlas

7th Edition

CHRISTIAN WITTEKIND, H. ASAMURA & LESLIE H. SOBIN

Institut für Pathologie der Universität, Leipzig, Germany;
Armed Forces Institute of Pathology, Washington, DC

**A fully illustrated guide to the current
TNM classification (8th Edition) and
staging system**



The Union for International Cancer Control's (UICC) TNM classification system is the most widely used cancer classification and staging system in the world. It is used to describe the anatomical extent of disease and is, therefore, essential to patient care, research and cancer control.

This seventh edition of the *TNM Atlas* provides health-care professionals with a detailed pictorial guide to the system, demonstrating its practical application via clear, direct text and an array of full-color medical illustrations. The atlas features:

- Specially produced content, created to reflect the most recent iteration of the TNM classification of malignant tumours, the 8th Edition
- More than 300 full-color medical illustrations covering all anatomical sites of cancer involvement
- Quick-reference material that is ideal for use in clinical and educational settings

The revised seventh edition of the *TNM Atlas* is a valuable resource for all medical, surgical, and radiation oncologists, anatomical and surgical pathologists, cancer registrars, oncology nurses, physician extenders, international cancer care centers and NGOs dedicated to cancer control.

SERIES: UICC
DECEMBER 2020 408PP
978-1-119-26384-5 PB \$100.00 (Japan)
MEDICAL ONCOLOGY

Manual for Eye Examination and Diagnosis

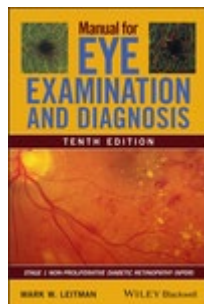
10th Edition

MARK LEITMAN

Department of Ophthalmology, University Surgicenter, East Brunswick, New Jersey

Now in its tenth edition, *Manual for Eye Examination and Diagnosis* is the leading introductory clinical textbook in the field, providing concise and practical coverage of anatomy, instrumentation, differential diagnosis and treatment of ophthalmic diseases and disorders. This

accessible resource offers clear explanations of current diagnostic techniques, equipment and best practice; hundreds of full-color clinical photographs and diagrams; and step-by-step guidance on a range of key procedures. Author Mark Leitman, a practicing Ophthalmology specialist with nearly five decades' experience, provides the foundational knowledge required to excel on an ophthalmology rotation. This is a must-have companion for medical students and junior doctors, trainee ophthalmologists and optometrists, optometry nurses, and ophthalmic technicians.



DECEMBER 2020 184PP
978-1-119-62858-3 PB \$69.99 (Japan)
OPHTHALMOLOGY

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.

DECEMBER 2020 560PP
978-1-119-64707-2 PB \$50.00 (Japan)
PEDIATRICS

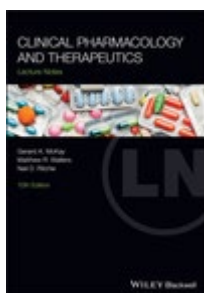
Clinical Pharmacology and Therapeutics

10th Edition

EDITOR GERARD A. MCKAY, EDITOR MATTHEW R. WALTERS
& EDITOR NEIL D. RITCHIE

Glasgow Royal Infirmary, Glasgow, UK ; University of Glasgow

A must-have companion for medical students and junior doctors for almost four decades, *Lecture Notes: Clinical Pharmacology and Therapeutics* provides concise yet thorough coverage of the principles of clinical pharmacology, the major characteristics of therapeutics, and the practical aspects of prescribing drugs to alleviate symptoms and to treat disease.



Whether you are preparing for examinations or prescribing to patients, the tenth edition offers readers current and authoritative insight into the essential practical and clinical knowledge. Logically organised chapters allow for rapid location of key information, while examples of commonly encountered scenarios illustrate how and when to use drugs in clinical situations. Throughout the text, practice questions, prescribing guidelines, and self-assessment tests clarify and reinforce the principles that inform appropriate clinical decision-making.

- Presents an up-to-date review of drug use across all major clinical disciplines
- Offers a timely overview of clinical drug trials and development
- Provides new clinical scenarios to relate chapter content to real-life application
- Contains colour-coded "Key Points" and "Prescribing Points" to highlight important information
- Includes chapter introductions and summaries, and numerous figures, tables, and colour illustrations

Lecture Notes: Clinical Pharmacology and Therapeutics, Tenth Edition, is an essential resource for medical students, junior doctors, and other prescribers looking for an up-to-date reference on pharmacological principles, prescribing, and therapeutics.

SERIES: LECTURE NOTES

DECEMBER 2020 320PP

978-1-119-59995-1 PB

PHARMACOLOGY & PHARMACEUTICAL MEDICINE

The Drug Recognition Guide

2nd Edition

MARK CURRIVAN

The Drug Recognition

Guide introduces an innovative method for recognising and categorising medications, enabling readers to easily identify the type and use of a generic drug by visually deconstructing its name. Through its creative use of colour-coded drug prefixes and suffixes, this pocket-sized guide makes generic drug names distinctive, logical, and easy to pronounce and remember. More than 700 drugs from over 200 different drug categories are catalogued and colour-highlighted--helping you understand what underlies a generic drug name.



Organised by class and use, the book's ten chapters cover a comprehensive range of drugs, including chemotherapy and immunosuppressants, drugs that affect the cardiovascular and respiratory systems, drugs used to manage pain, treat infectious diseases, and many others. Each entry briefly summarises a particular class of drugs, describes the intended use of drugs within the class, and breaks down the "name stems" of individual drugs to reveal useful information and illustrate connections between chemically and therapeutically related medicines.

Presenting an original, easy-to-use approach to the complex subject of drug classification, this invaluable learning aid:

- Provides a thorough yet accessible way for students and practitioners to increase their understanding of medications and their application
- Helps students to clearly read and pronounce even the most difficult generic drug names
- Highlights the letters in generic drug names to enable students to recognise drugs immediately
- Explains who assigns a generic drug name and what the name represents

The Drug Recognition Guide is essential reading for nursing and medical students, pharmacy students and technicians, as well as nurse practitioners and trainee and junior doctors.

DECEMBER 2020 160PP

978-1-119-68980-5 PB \$32.50 (Japan)

Pharmacology & Pharmaceutical Medicine

機械工学

Outpatient Urology and Urogynecology

EDITOR ABHAY RANE & EDITOR AJAY RANE

DECEMBER 2020 400PP 978-1-119-05229-6 CL \$170.00 (Japan)
Urology

Health Research Practices in Digital Context

LAURENT MORILLON

DECEMBER 2020 208PP
978-1-78630-438-4 CL \$135.00 (Japan)
Computational Bioengineering

Air Bearings

Theory, Design and Applications

FARID AL-BENDER

Comprehensive treatise on gas bearing theory, design and application

This book treats the fundamental aspects of gas bearings of different configurations (thrust, radial, circular, conical) and operating principles (externally pressurized, self-acting, hybrid, squeeze), guiding the reader throughout the design process from theoretical modelling, design parameters, numerical formulation, through experimental characterisation and practical design and fabrication.



The book devotes a substantial part to the dynamic stability issues (pneumatic hammering, sub-synchronous whirling, active dynamic compensation and control), treating them comprehensively from theoretical and experimental points of view.

Key features:

- Systematic and thorough treatment of the topic.
- Summarizes relevant previous knowledge with extensive references.
- Includes numerical modelling and solutions useful for practical application.
- Thorough treatment of the gas-film dynamics problem including active control.
- Discusses high-speed bearings and applications.

Air Bearings: Theory, Design and Applications is a useful reference for academics, researchers, instructors, and design engineers. The contents will help readers to formulate a gas-bearing problem correctly, set up the basic equations, solve them establishing the static and dynamic characteristics, utilise these to examine the scope of the design space of a given problem, and evaluate practical issues, be they in design, construction or testing.

SERIES: TRIBOLOGY IN PRACTICE SERIES

DECEMBER 2020 500PP
978-1-118-51149-7 CL \$160.00 (Japan)
Mechanical Engineering - Design

Machine Design with CAD and Optimization

SAYED M METWALLI

This book is designed to provide the new Computer Aided Design and Optimization tools and skills to generate real design synthesis of machine elements and systems on solid ground for better products and systems. This work provides the tool to directly obtain the synthesized real optimization tools to define the geometry and the particular selection of material. This is a new approach and a straightforward paradigm. It is divided into the following four parts:- Introduction and Design Considerations - Knowledge-based design: Introduction to the new Machine Element Design Synthesis - Introduction to computer aided design and optimization as tools used for Synthesis- Design of machine elements: rigorous traditional detailed design requirements These parts will include overview of chapters and enlightening design requirements.



DECEMBER 2020 960PP
978-1-119-15664-2 CL \$130.00 (Japan)
Mechanical Engineering - Design

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

DECEMBER 2020 240PP
978-1-119-39340-5 CL \$120.00 (Japan)
Solid Mechanics

材料科学

Sustainable Aviation Technology and Operations

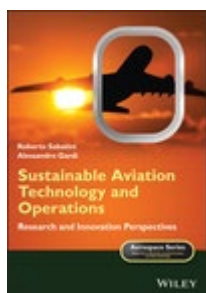
Research and Innovation Perspectives

ROBERTO SABATINI

Sustainable Aviation Engineering and Operations

Roberto Sabatini, RMIT University, Australia

Comprehensively covers recent technological and operational developments to enhance the environmental sustainability of aviation



Sustainable Aviation Engineering and Operations provides an updated outlook of the main research and development initiatives currently ongoing in the aeronautics and air transport domain, with emphasis on the overall environmental objectives and current achievements.

The book discusses some of the most promising advances in sustainable aircraft, airport and air traffic management systems design and operations including: aerodynamics, propulsion, structures, materials, biofuels, avionics, airframe systems, autonomous systems, airside and landside, air traffic flow management and dynamic airspace management. Representative air transport business models are also covered, starting from operational cost breakdown analysis and including key drivers associated with commercial flight. The physical processes associated with production and environmental impacts of various aircraft emissions, including air pollutants, noise and contrails, are presented to support the development of computational models for aircraft design, mission planning and trajectory optimisation.

A set of relevant case studies concludes and complements the book, addressing aircraft design, systems design and mission optimisation for a more efficient and environmentally sustainable air transport. The book is essential reading for students, researchers and practitioners in sustainable aviation engineering and operations.

SERIES: AEROSPACE SERIES

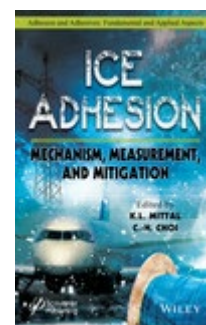
DECEMBER 2020 550PP
978-1-118-93258-2 CL \$140.00 (Japan)
Aeronautic & Aerospace Engineering

Ice Adhesion

Mechanism, Measurement, and Mitigation

EDITOR K. L. MITTAL & 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

DECEMBER 2020 690PP
978-1-119-64037-0 CL \$249.00 (Japan)
Joining, Welding and Adhesion

Welding Metallurgy

3rd Edition

SINDO KOU

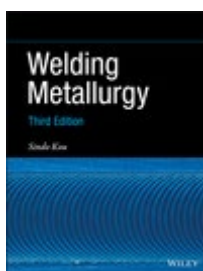
University of Wisconsin

Discover the extraordinary progress that welding metallurgy has experienced over the last two decades

Welding Metallurgy, 3rd Edition is the only complete compendium of recent, and not-so-recent, developments in the science and practice of welding metallurgy. Written by Dr. Sindo Kou, this edition covers solid-state welding as well as fusion welding, which now also includes resistance spot welding. It restructures and expands sections on Fusion Zones and Heat-Affected Zones. The former now includes entirely new chapters on microsegregation, macrosegregation, ductility-dip cracking, and alloys resistant to creep, wear and corrosion, as well as a new section on ternary-alloy solidification. The latter now includes metallurgy of solid-state welding. Partially Melted Zones are expanded to include liquation and cracking in friction stir welding and resistance spot welding. New chapters on topics of high current interest are added, including additive manufacturing, dissimilar-metal joining, magnesium alloys, and high-entropy alloys and metal-matrix nanocomposites.

Dr. Kou provides the reader with hundreds of citations to papers and articles that will further enhance the reader's knowledge of this voluminous topic. Undergraduate students, graduate students, researchers and mechanical engineers will all benefit spectacularly from this comprehensive resource.

Dr. Kou's *Welding Metallurgy* has been used the world over as an indispensable resource for students, researchers, and engineers alike. This new *Third Edition* is no exception.



DECEMBER 2020 688PP
978-1-119-52481-6 CL \$150.00 (Japan)
JOINING, WELDING AND ADHESION

80th Conference on Glass Problems

EDITOR S. K. SUNDARAM

Pacific Northwest National Laboratory

The 80th Glass Problem Conference (GPC) was organized by the Kazuo Inamori School of Engineering, The New York State College of Ceramics, Alfred University, Alfred, NY 14802 and The Glass Manufacturing Industry Council (GMIC), Westerville, OH 43082. The Program Director was S. K. Sundaram, Inamori Professor of Materials Science and Engineering, Kazuo Inamori School of Engineering, The New York State College of Ceramics, Alfred University, Alfred, NY 14802. The Conference Director was Robert Weisenburger Lipetz, Executive Director, Glass Manufacturing Industry Council (GMIC), Westerville, OH 43082. The GPC Advisory Board (AB) included the Program Director, the Conference Director, and several industry representatives. The Board assembled the technical program. Donna Banks of the GMIC coordinated the events and provided support. The Conference started with a half-day plenary session followed by technical sessions. The themes and chairs of four technical sessions were as follows:



Melting and Combustion

Uyi Iyoha, Praxair, Inc., Peachtree City, GA, Jan Schep, Owens-Illinois, Inc., Perrysburg, OH, and Justin Wang, Guardian Industries, Auburn Hills, MI

Batch, Environmental, and Modeling

Phil Tucker, Johns Manville, Littleton, CO and Chris Tournour, Corning Inc., Corning, NY

Refractories

Larry McCloskey, Anchor Acquisition, LLC, Lancaster, OH and Eric Dirlam, Ardagh Group, Muncie, IN

Sensors and Control

Adam Polycn, Vitro Architectural Glass, Cheswick, PA and Glenn Neff, Glass Service USA, Inc., Stuart, FL

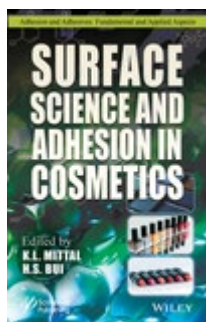
SERIES: CERAMIC TRANSACTIONS SERIES

DECEMBER 2020 300PP
978-1-119-74490-0 CL \$250.00 (Japan)
Ceramics

Surface Science and Adhesion in Cosmetics

K. L. MITTAL & HY BUI

Activity in the arena of surface chemistry and adhesion aspects in cosmetics is substantial, but the information is scattered in many diverse publications media and no book exists which discusses surface chemistry and adhesion in cosmetics in unified manner.



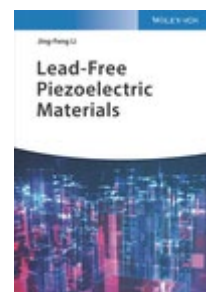
This book containing 15 chapters written by eminent researchers from academia and industry is divided into three parts: Part 1: General Topics; Part 2: Surface Chemistry Aspects; and Part 3: Wetting and Adhesion Aspects. The topics covered include: Lip biophysical properties and characterization; use of advanced silicone materials in long-lasting cosmetics; non-aqueous dispersions of acrylate copolymers in lipsticks; cosmetic oils in Lipstick structure; chemical structure of the hair surface, surface forces and interactions; AFM for hair surface characterization; application of AFM in characterizing hair, skin and cosmetic deposition; SIMS as a surface analysis method for hair, skin and cosmetics; surface tensiometry approach to characterize cosmetic products; spreading of hairsprays on hair; color transfer from long-wear face foundation products; interaction of polyelectrolytes and surfactants on hair surfaces; cosmetic adhesion to facial skin; and adhesion aspects in semi-permanent mascara; lipstick adhesion measurement.

DECEMBER 2020 UnknownPP
978-1-119-65482-7 CL \$225.00 (Japan)
Thin Films, Surfaces & Interfaces

Lead-Free Piezoelectric Materials

JING-FENG LI

The book provides an in-depth overview of principles, material systems and applications of lead-free piezoelectric materials. It starts with the fundamentals of piezoelectricity and lead-free piezoelectrics. Then it discusses five representative lead-free piezoelectric material systems from background introduction to crystal structures and properties. Finally, it presents several applications of lead-free piezoelectrics including piezoelectric actuators and transducers. The challenges for promoting applications will also be discussed.



DECEMBER 2020 240PP
978-3-527-34512-0 CL \$175.00 (Japan)
Properties of Materials

ナーシング

Carbon Nanofibers**Fundamentals and Applications**

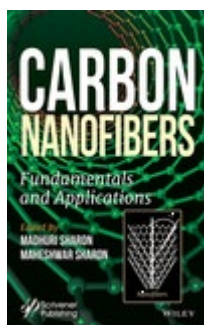
MADHURI SHARON & MAHESHWAR SHARON

This book covers the fundamentals and applications of Carbon Nanofiber (CNF). In the first section, the initial chapter on the fundamentals of CNF is by Professor Maheshwar Sharon, the recognized "Father of Carbon Nanotechnology in India", which powerfully provides a succinct overview of CNFs. This is followed by a chapter on biogenics that have produced unique morphologies of CNF that makes them suitable to various applications. This is followed by a chapter that mainly focuses on nanocomposites, especially those involving nanocomposites of CNF. The role of nanocatalysts and composites in promoting and enhancing the synthesis and application of CNF is then covered, followed by an important chapter on the characterization of CNF.

The second section of the book encompasses the various applications of CNF, such as its use as a possible superconductor to adsorb and store hydrogen, and as a microwave absorber. The application of CNF for environmental concerns is also detailed by assessing its usefulness in dye and heavy metal removal from polluted water. The applications that are addressed include lithium-ion battery, solar cell, antenna, cosmetics, usefulness in regenerative medicine, as well as various aspects of agrotechnology.

SERIES: ADVANCES IN NANOTECHNOLOGY AND APPLICATIONS

DECEMBER 2020 UnknownPP
978-1-119-76881-4 CL \$225.00 (Japan)
Carbon Materials

**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

DECEMBER 2020 240PP
978-1-119-53308-5 PB \$37.50 (Japan)
Nursing General



Examination of the Newborn

An Evidence-Based Guide, 3rd Edition

ANNE LOMAX

University of Central Lancashire

Examination of the Newborn is essential reading for students and practitioners involved in neonatal examinations. Now in its third edition, this practical evidence-based guide reflects the most current Public Health England (PHE) Newborn and Infant Physical Examination (NIPE) Standards to help readers deliver high quality, family-centered care within current national guidelines. Each chapter is firmly placed within the context of the current PHE standards to help ensure good practice in both hospital and community settings.

This fully-revised edition incorporates current educational and healthcare guidelines relevant to the neonatal examination, including up-to-date information on the new Nursing and Midwifery Council (NMC) Standards for Education. New and expanded topics include history taking and the examination of the newborn, midwifery professional issues, the use of pulse oximetry, and the importance of observing maternal and infant attachment during examination.

Examination of the Newborn is an indispensable source of authoritative knowledge for nursing students, midwives, neonatal nurses and practitioners, pediatricians, physiotherapists, and general practitioners.

DECEMBER 2020 300PP
978-1-119-64559-7 PB \$39.95 (Japan)
MIDWIFERY

Kelly's Nursing Leadership and Management

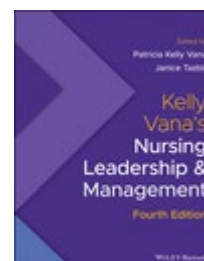
4th Edition

EDITOR PATRICIA J. KELLY & EDITOR JANICE TAZBIR

READERSHIP:

Primary: Postgraduate nursing and healthcare students on Nursing Leadership/Clinical Nurse Leader Courses
Secondary: Qualified Nurses

DECEMBER 2020 944PP
978-1-119-59661-5 PB \$125.00 (Japan)
Nursing Management & Leadership



Fundamentals of Pharmacology

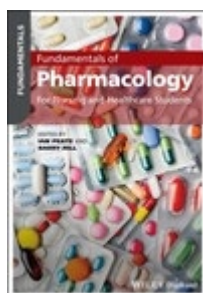
For Nursing & Healthcare Students

EDITOR IAN PEATE, GIBRALTAR & EDITOR BARRY HILL

School of Nursing and Midwifery

READERSHIP:

Pre-registration adult nursing students; Post-registration nurses taking 'nurse prescribing', or 'non-medical prescribing modules'; Healthcare students-including midwives; paramedics; OTs; Physiotherapists.



SERIES: FUNDAMENTALS

DECEMBER 2020 384PP
978-1-119-59466-6 PB \$45.00 (Japan)
General Clinical Nursing

The Family Nurse Practitioner

Clinical Case Studies, 2nd Edition

EDITOR LESLIE NEAL-BOYLAN

Southern Connecticut State University, USA

The Family Nurse Practitioner provides essential guidance and information for understanding how to diagnose and manage typical (and some atypical) patient cases. With contributions from noted experts on the topic, this new edition contains updated cases to reflect today's patient-centered approach, and includes the most recent advances in patient care. From neonatal to geriatric, all the cases demonstrate real-life scenarios and present appropriate solutions on a case-by-case basis to reflect the nuance required in practice.

The revised edition emphasizes pharmacological management, with a new section on mental health care and additional cases on chronic conditions. Greater consideration is given to race, gender, ethnicity and their impact on management options.

- Contains more than 70 case studies
- Offers new cases on pelvic pain, substance abuse, food allergies, celiac disease, child abuse, pre-conception planning, and dermatology
- Includes discussion questions to help develop understanding

Written for students and academics of nursing and nurse practitioners, *The Family Nurse Practitioner* is the ideal text for developing and expanding one's knowledge and comprehension of the diagnosis and management of patient care.

SERIES: CASE STUDIES IN NURSING

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NURSE PRACTITIONERS

政治学

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EDMUND NEILL

READERSHIP: Students and scholars in political theory and political philosophy, especially those studying ideologies in general, and conservatism in particular.

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DANIEL C. DENNETT

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Despised

Why the Modern Left Loathes the Working Class

PAUL EMBERY

READERSHIP: General readers interested in British politics; anyone who enjoyed David Goodhart's *The Road to Somewhere* or Patrick Deneen's *Why Liberalism Failed*.

DECEMBER 2020 216PP
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 978-1-5095-3999-4 PB \$22.95 (Japan)
 British Politics / 9781509539994 PB \$64.95 (Japan)

**Can Democracy Safeguard the Future?**

GRAHAME SMITH

READERSHIP: Students of politics and political philosophy and general readers concerned about the state and future of the planet.

SERIES: DEMOCRATIC FUTURES

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 978-1-5095-3925-3 PB \$12.95 (Japan)
 Political Philosophy & Theory
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 Political Philosophy & Theory / 9781509539246 CL \$12.95 (Japan)



Understanding Peacekeeping

3rd Edition

PAUL D. WILLIAMS

University of Birmingham

Peace operations remain a principal tool for managing armed conflict and protecting civilians. The fully revised, expanded and updated third edition of *Understanding Peacekeeping* provides a comprehensive and up-to-date introduction to the theory, history, and politics of peace operations.



Drawing on a dataset of nearly two hundred historical and contemporary missions, this book evaluates the changing characteristics of the contemporary international environment in which peace operations are deployed, the strategic purposes peace operations are intended to achieve, and the major challenges facing today's peacekeepers. All the chapters have been revised and updated and five new chapters have been added on stabilisation, force generation, use of force, organized crime, and exit strategies.

Part 1 summarizes the central concepts and issues related to peace operations. It includes updated discussion of the theories of peace operations, how they are authorized, financed and assembled, as well as surveying evidence of their impact in the field. Part 2 charts the historical development of peacekeeping from 1945 through to 2020. Part 3 analyzes the strategic purposes that United Nations and other peace operations are intended to achieve, namely, prevention, observation, assistance, enforcement, stabilisation, and administration. Part 4 looks forward and examines the central challenges facing today's peacekeepers: force generation, the regionalization and privatization of peace operations, the use of force, civilian protection, gender issues, policing and organized crime, and exit strategies.

The third edition of *Understanding Peacekeeping* will be essential reading for students and scholars of peace and conflict studies, security studies, and international relations.

DECEMBER 2020 456PP
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978-0-7456-8672-1 PB \$29.95 (Japan)
Political Science Special Topics

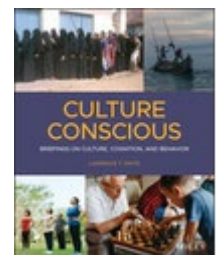
Culture Conscious

Briefings on Culture, Cognition, and Behavior

1st Edition

LAWRENCE T. WHITE

Culture Conscious: Briefings on Culture, Cognition, and Behavior is a collection of essays that explore recent findings from cross-cultural studies of perception, cognition, personality, social behavior, health, and moral reasoning. This informative work also demonstrates the tremendous impact that cultural values and practices have on how people think and behave.



DECEMBER 2020 UnknownPP
978-1-119-67718-5 PB \$78.99 (Japan)
Diversity, Culture & Ethnicity

心理学

The Wiley Handbook of Sex Therapy

EDITOR ZO&EUMML; D. PETERSON

The Wiley Handbook of Sex Therapy is a comprehensive and empirically-based review of the latest theory and practice in the psychotherapeutic treatment of sexual problems across client populations.



- Structured in four sections covering specific sexual dysfunctions, theoretical approaches to sex therapy; working with client diversity; and future directions in sex therapy
- Advocates a holistic approach to sex therapy with a focus on using a range of psychotherapeutic theories and techniques rather than only the most popular behavioral strategies
- Includes case studies which highlight the broad spectrum of diverse conditions that clients can experience and which sex therapists can therefore encounter in the consulting room
- Includes contributions by more than 60 experts from a wide range of disciplines

SERIES: WILEY CLINICAL PSYCHOLOGY HANDBOOKS

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Psychology of Sexuality & Gender

Clinical Psychology

1st Edition

DEAN MCKAY

Fordham University

DECEMBER 2020 UnknownPP
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Clinical Psychology

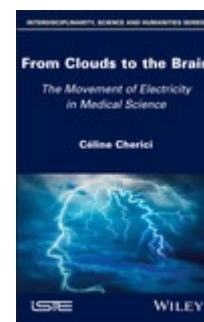
TEXT

From Clouds to the Brain

A Particular Pathway of Electricity in Medical Sciences

CELINE CHERICI

DECEMBER 2020 350PP
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Brain & Behavior: Physiological Psychology



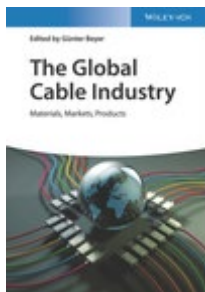
ポリマーサイエンス

The Global Cable Industry

Materials, Markets, Products

GUNTHER BEYER

The book gives an overview of the state-of-the-art for automotive cables, nuclear power station cables, undersea cables, coaxial cables, optical wires, medium- and high-voltage cables. It presents material developments for polymers, crosslinked elastomers and flame retardant non-halogen cable compounds. In addition, technologies to crosslink polymers, an overview of foam polymers and field experiences of the new cable fire test within the CPR (Construction Product Regulation) framework are presented. The book also reviews economic questions related to the cable industry with a focus on materials, market segments and countries.



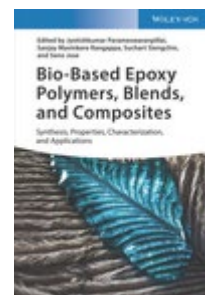
DECEMBER 2020 384PP
978-3-527-34627-1 CL \$174.00 (Japan)
Polymer processing

Bio-Based Epoxy Polymers, Blends and Composites

Synthesis, Properties, Characterization and Applications

EDITOR JYOTISHKUMAR PARAMESWARANPILLAI, EDITOR
SANJAY M. RANGAPPA, EDITOR SUCHART SIENGCHIN &
EDITOR SENO JOSE

The book summarizes recent research progress on bioepoxy polymers as well as their blends and composites. It covers aspects from synthesis, processing, various characterization techniques to broad spectrum of applications. It provides a correlation of physical properties with macro, micro and nanostructures of the materials. Moreover, research trends, future directions and opportunities are also discussed.



DECEMBER 2020 450PP
978-3-527-34648-6 CL \$205.00 (Japan)
Polymer Synthesis

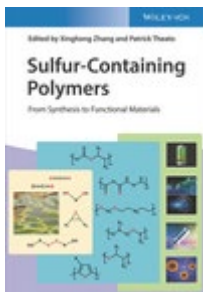
宗教

Sulfur-containing Polymers

From Synthesis to Functional Materials

EDITOR XINGHONG ZHANG

This book focuses on the state-of-the-art synthesis of various sulfur-containing polymers from low-cost sulfur resources such as elemental sulfur, carbon disulfide (CS₂), carbonyl sulfide (COS) and mercaptan. In-depth mechanistic understanding related to the synthesis is presented in each chapter. Importantly, various types of sulfur-containing polymers, including poly(thioester)s, poly(thioether)s and poly(thiocarbonate)s and poly(thiourethane)s with linear or hyperbranched (dendrimer) architectures have also been included. The structure-property relationship and applications of sulfur-containing polymers are also presented. This book provides the latest developments of sulfur-containing polymers in a timely manner, which will be beneficial for both fundamental research and application-oriented development in this area.



DECEMBER 2020 446PP
978-3-527-34670-7 CL \$171.77 (Japan)
Polymer Synthesis

Twentieth Century Theologians

Explorations in a Global Tradition

EDITOR BRYAN CONES, EDITOR JAMES TENGATENGA & EDITOR
STEPHEN BURNS

The University of the South; Pilgrim Theological College

SERIES: THE GREAT THEOLOGIANS

DECEMBER 2020 264PP
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General & Introductory Religion & Theology

The World's ChristiansWho they are, Where they are, and How they got
there, 2nd Edition

DOUGLAS JACOBSEN

Messiah College, Grantham, USA

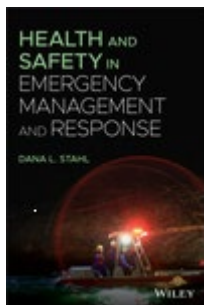
DECEMBER 2020 300PP
978-1-119-62610-7 PB \$45.95 (Japan)
CHRISTIANITY

ソーシャルサイエンス

Health and Safety in Emergency Management and Response

DANA L. STAHL

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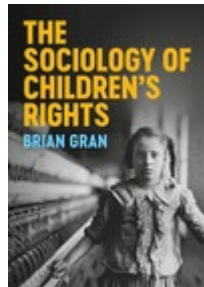
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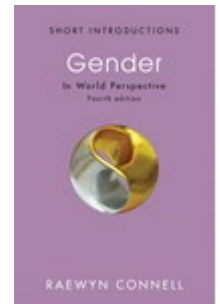
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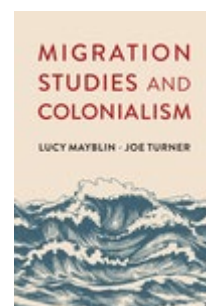
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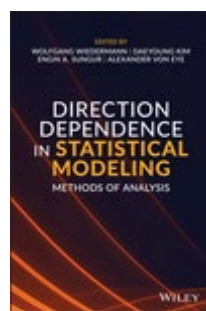
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Methods of Analysis

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

Michigan State University, USA

This edited book examines current methods for the statistical analysis of hypotheses that are compatible with direction dependence. The proposed book is divided in four parts, each consisting of two or more chapters, for a total of 14 chapters. The first part of this book introduces the fundamental concepts of direction dependence in statistical models. The authors provide a historical view on the origins of studying the direction of dependence in a regression line. Various classes of copulas with directional dependence properties are introduced. In addition, an introduction into copula regression functions and concomitants of order statistics in directional dependence modeling is given. Part II of the proposed book is devoted to recent developments and advances in direction dependence modeling of continuous variables and contains six chapters. The author demonstrates the benefits of incorporating concepts of direction dependence to identify causal models. Part III of the proposed volume introduces direction dependence methods for the categorical variable case. Finally, Part IV of the proposed book is devoted to substantive theory and real-world applications and consists of four chapters. The author introduces custom dialogs and macros in SPSS to make direction dependence analysis accessible to applied empirical researchers.

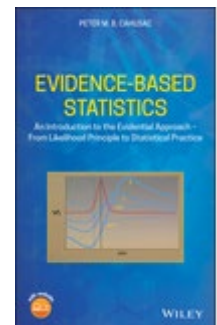


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PETER M. B. CAHUSAC

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Recommended for undergraduate and graduate students in any field that relies heavily on statistical analysis, as well as active researchers and professionals in those fields, *Evidence-Based Statistics: An Introduction to the Evidential Approach -- from Likelihood Principle to Statistical Practice* belongs on the bookshelf of anyone who wants to amplify and empower their approach to statistical analysis.

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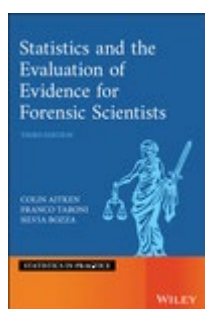
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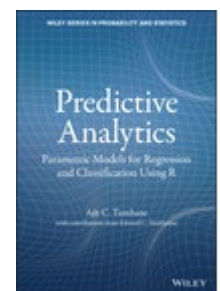
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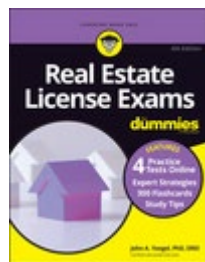
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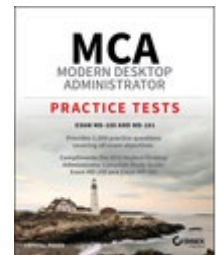
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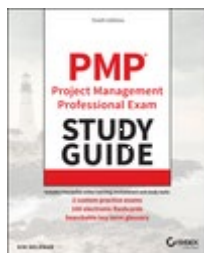
PMP Project Management Professional Exam Study Guide

2021 Update, 10th Edition

KIM HELDMAN

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Well-known author and expert Kim Heldman, PMP, helps to prepare you for the exam with in-depth coverage of topics, concepts, and key terms. Learn more about the three main domain areas of people, process, and business environment, plus the predictive, agile, and hybrid approaches to project management. This guide is an effective learning aid that will take your understanding to the next level.

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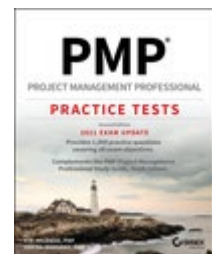
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