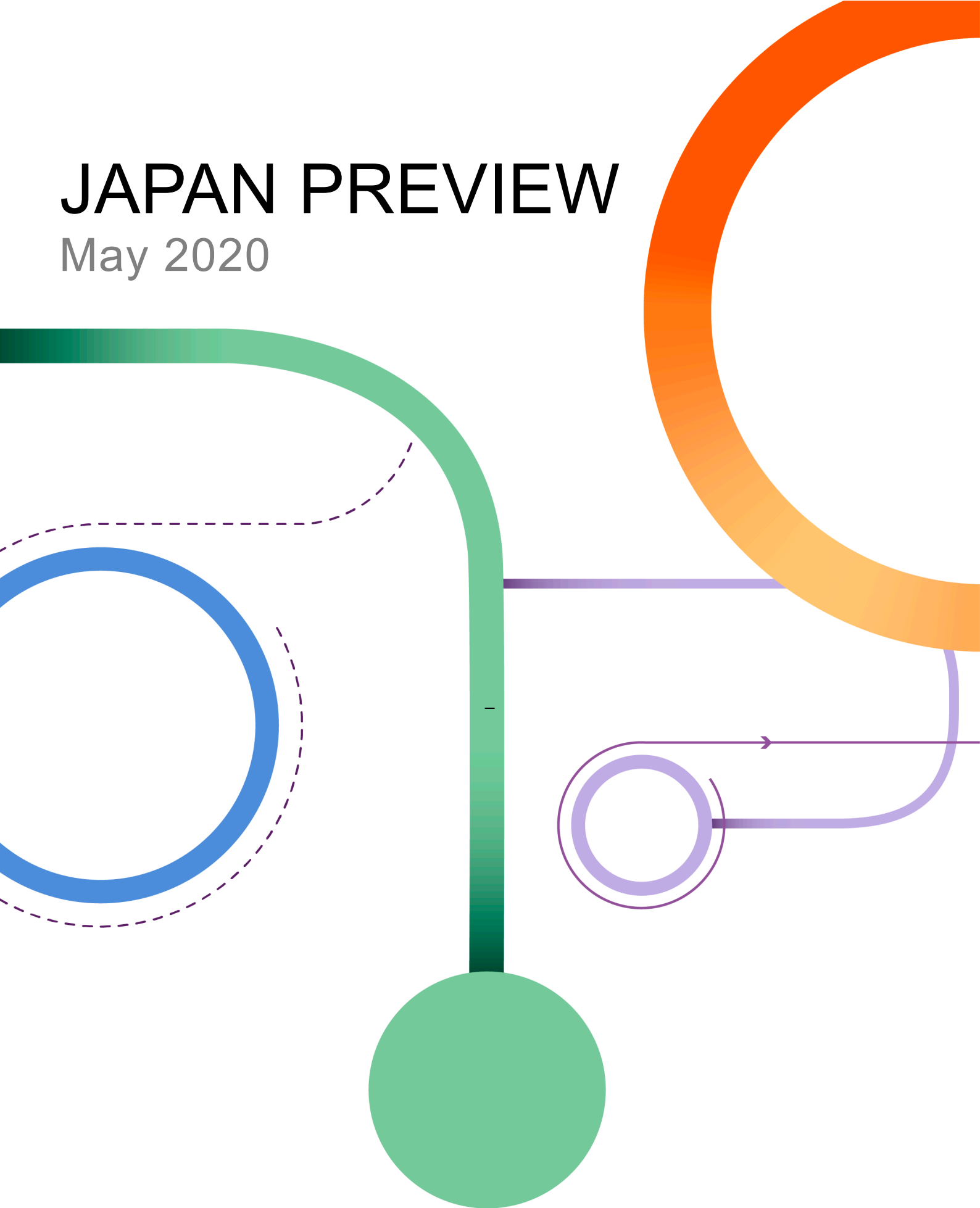


# JAPAN PREVIEW

May 2020



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WILEY

## JAPAN PREVIEW

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## 芸術

**A Companion to Korean Art**

EDITOR J. P. PARK, EDITOR JUHYUNG RHI, EDITOR BURGLIND JUNGSMANN & SERIES EDITOR DANA ARNOLD  
University of Southampton

**The only college-level publication on Korean art history written in English**

Korean pop culture has become an international phenomenon in the past few years. The popularity of the nation's exports--movies, K-pop, fashion, television shows, lifestyle and cosmetics products, to name a few--has never been greater in Western society.

Despite this heightened interest in contemporary Korean culture, scholarly Western publications on Korean visual arts are scarce and often outdated. *A Companion to Korean Art* is the first academically-researched anthology on the history of Korean art written in English. This unique anthology brings together essays by renowned scholars from Korea, the US, and Europe, presenting expert insights and exploring the most recent research in the field.



Insightful chapters discuss Korean art and visual culture from early historical periods to the present. Subjects include the early paintings of Korea, Buddhist architecture, visual art of the late Chosŏn period, postwar Korean Art, South Korean cinema, and more. Several chapters explore the cultural exchange between the Korean peninsula, the Chinese mainland, and the Japanese archipelago, offering new perspectives on Chinese and Japanese art. The most comprehensive survey of the history of Korean art available, this book:

- Offers a comprehensive account of Korean visual culture through history, including contemporary developments and trends
- Presents two dozen articles and numerous high quality illustrations
- Discusses visual and material artifacts of Korean art kept in various archives and collections worldwide
- Provides theoretical and interpretive balance on the subject of Korean art

The definitive and authoritative reference on the subject, *A Companion to Korean Art* is indispensable for scholars and academics working in areas of Asian visual arts, university students in Asian and Korean art courses, and general readers interested in the art, culture, and history of Korea.

SERIES: BLACKWELL COMPANIONS TO ART HISTORY  
MAY 2020 512PP  
978-1-118-92704-5 CL \$195.00 (Japan)  
Art History & Theory

## 会計・監査

**PCAOB Standards and Related Rules: 2019**

AICPA

Auditors of public companies' opinions of the accuracy of a financial statement matters for the health of the company are important. This title is a must-have for practitioners, it includes two new auditing standards: Auditing Accounting Estimates, Including Fair Value Measurements (AS 2501) and Using the Work of an Auditor-Engaged Specialist (AS 1210)

This guides also includes related amendments to other auditing sections, recently issued staff guidance on these topics, and staff guidance on critical audit matters.



SERIES: AICPA  
MAY 2020 1840PP  
978-1-950688-04-3 PB \$219.00 (Japan)  
AUDITING

**Wiley Interpretation and Application of IFRS Standards 2020**

PKF INTERNATIONAL LTD

This accessible resource contains a wide range of practical examples as well as invaluable guidance on the expanding framework for unified financial reporting. The authors provide IFRIC interpretations and directions designed to ensure a clear understanding of the most recent standards.

MAY 2020 996PP  
978-1-119-69936-1 PB \$115.00 (Japan)  
International Accounting

## 建築学

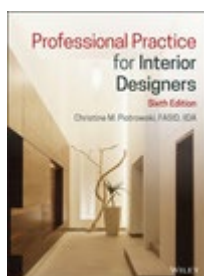
**Professional Practice for Interior Designers**

6th Edition

CHRISTINE M. PIOTROWSKI, PHOENIX

The leading guide to the business practice of the interior design profession, updated to reflect the latest trends

For nearly thirty years, *Professional Practice for Interior Designers* has been a must-have resource for aspiring designers and practicing professionals. This revised and updated Sixth Edition continues to offer authoritative guidance related to the business of the interior design profession—from the basics to the latest topics and tools essential for planning, building, and maintaining a successful commercial or residential interior design business.



Filled with business tips and best practices, illustrative scenarios, and other pedagogical tools, this revised edition contains new chapters on interior design in the global environment, building client relationships, and online marketing communications. The author also includes updated information on web and social media marketing, branding, and prospecting for global projects. Recommended by the NCIDQ for exam preparation, this Sixth Edition is an invaluable resource for early career designers or those studying to enter the profession. This important book:

- Contains three new chapters that focus on client relationships, marketing communications, and interior design in the global marketplace.
- Includes new or updated sections that reflect the recent trends related to social media, branding, sustainable design practice and more
- Offers invaluable pedagogical tools in every chapter, including chapter objectives and material relevant for the NCIDQ
- Instructors have access to an Instructor's Manual through the book's companion website

MAY 2020 768PP  
978-1-119-55451-6 CL \$99.00 (Japan)  
INTERIOR DESIGN

## ビジネス

**Coach to Coach**

An Empowering Story About How to Be a Great Leader

MARTIN ROONEY

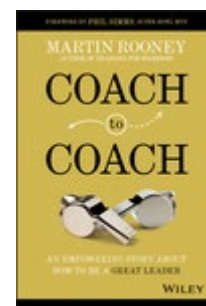
Learn the secrets for becoming the inspirational coach everyone is waiting for

Think about the coaches you've had throughout your life. Most likely, some were good, others not so good. Maybe one or two were great. One thing is undeniable: Coaches can influence your life in ways that can be negative or positive. A coach can either build you up or tear you down. The world needs better coaches in all walks of life—if you're a parent, a teacher, a co-worker, or a leader, you are also a coach. Which kind of coach do you want to be? *Coach to Coach* helps you answer this question and shares the secrets to bringing out the best in a person, both on and off the field. For more than twenty years, author Martin Rooney has coached professional sport stars, Olympic champions, and business leaders to high levels of performance, analyzing thousands of real-life examples of what works and what doesn't. Reading like a simple parable, this engaging book gives you an easy-to-use yet highly effective formula for becoming a better coach for your teams, in your business, and in your personal life. Packed with valuable insights and expert advice, this appealing book helps you:

- Learn how to be a great leader by being a great coach
- Create positive lives for your children and the people you work with
- Inspire and motivate the people around you
- Turn your natural skills and talents into your own unique coaching style
- Use proven, time-tested coaching strategies to get results

*Coach to Coach: An Empowering Story About How to Be a Great Leader* is an ideal book for coaches, leaders, managers, entrepreneurs, educators, parents, and anyone wanting to bring out the best in those around them.

MAY 2020 208PP  
978-1-119-66219-8 CL \$23.00 (Japan)  
Business Self-Help





## Cracking the Leadership Code

Three Secrets to Building Strong Leaders

ALAIN HUNKINS

**Become the effective, proactive leader you aspire to be with this practical tool kit for leading people and organizations**

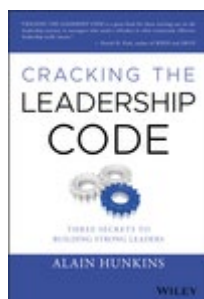
Yes, you can learn the skills to effectively lead people, organizations, and employees. With the right motivation and knowledge, you can be a leader who knows what it takes to succeed. Throughout his extensive experience in training leaders, author Alain Hunkins discovered that many leaders shared a common trait. They were mainly focused on what they were doing but not so focused on how they were doing it, especially when it came to working with other people. By strengthening their leadership capabilities, they could become trusted leaders within their organization, improve employee communications, and build bridges across hierarchies. *Cracking the Leadership Code* shares the valuable principles and practices that Hunkins developed and refined during the 20+ years he's worked with leaders. When you crack the code, you'll have a new operating model for organizational leadership that will help your teams thrive in a 21st century economy.

- Discover the brain science behind leading people
- Get inspired by real life leadership stories
- Use a practical leadership tool kit to become a better leader
- Learn how to communicate, influence, and persuade others, more effectively than ever before

With this book as a resource, you'll have a new perspective, a new framework, and new tools at your disposal, readily available to guide your leadership. You'll learn to establish proactive, leader-follower relationships. To do this, you'll use the interconnected elements of Connection, Communication, and Collaboration.

When you learn from the author's insightful experiences working with organizations around the world, you can accelerate your leadership development and become the leader you've always aspired to be.

MAY 2020 288PP  
978-1-119-67554-9 CL \$27.00 (Japan)  
Management / Leadership



## The Law of Tax-Exempt Organizations + Website, 12th Edition 2020 Cumulative Supplement

BRUCE R. HOPKINS, KANSAS CITY, UNITED STATES  
Member, District of Columbia Bar

**Tax-exempt law explained, for lawyers and nonlawyers alike**

*The Law of Tax-Exempt Organizations* has, for decades, been the definitive single-volume source of legal information for nonprofit lawyers and managers alike. This thoroughly revised Twelfth Edition provides all the updates you need to stay current on the latest changes to tax code, regulatory, and case law developments. The *2020 Cumulative Supplement* is included to ensure that you don't miss any important updates. This product also includes access to the companion website, full of additional digital resources.



SERIES: WILEY NONPROFIT AUTHORITY

MAY 2020 304PP  
978-1-119-63921-3 PB \$245.00 (Japan)  
Non-Profit Organizations / Law

## Delusional Altruism

Why Philanthropists Fail To Achieve Change and What They Can Do To Transform Giving

KRIS PUTNAM-WALKERLY

**How you give matters. Discover philanthropic strategies for creating transformational change.**

Whether you regularly donate to charity, run a small family foundation, or are responsible for millions of dollars in grants, you are a philanthropist.

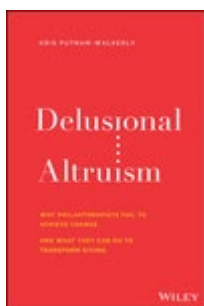
*Delusional Altruism: Why Philanthropists Fail To Achieve Change and What They Can Do To Transform Giving* looks at how you can create transformational change. It reminds us that how we give is as important as the amount we give. The author describes common practices that hinder transformational change and explains how to avoid them, ensuring that your gifts help create the impact you seek.

*Delusional Altruism*--a set of all-too-common errors in philanthropic strategy--can derail a program of giving and result in a loss of efficiency and effectiveness. This book asks philanthropists and charitable organizations to consider whether they have fallen under the spell of *Delusional Altruism*. Are you cutting out impactful giving in order to save money or avoid uncertainty? Is your philanthropic approach unnecessarily restricted by traditional thinking? This book will help you answer these questions and determine how you can achieve better outcomes through the process of Transformational Giving.

- Ask questions that spur learning and fuel innovation
- Believe that investment in yourself and your operation is important
- Increase the speed of your actions to increase the impact of your giving
- Give in ways that create lasting, sustainable change
- Follow strategies to make your philanthropy unstoppable

Although enhanced opportunities for philanthropic giving are on the horizon, changes to philanthropic practice are needed to prevent this philanthropy boom from becoming under-leveraged. Implementing updated approaches now can lead to positive change for the future. Read *Delusional Altruism* to learn how you can transform reality with strategic giving.

MAY 2020 256PP  
978-1-119-60606-2 CL \$30.00 (Japan)  
Non-Profit Organizations / Fundraising & Grantsmanship



## Do More Faster in India

Techstars Lessons to Accelerate Your Startup  
2nd Edition

BRAD FELD

Each vignette in this book is an exploration of advice often heard during the Techstars program. Rather than trying to capture it all ourselves, the authors have asked the mentors and the founders who have been through the program to help with the task of putting it down on paper (or virtual paper, depending on your medium of choice for reading.) Some parts of this book will almost certainly be in conflict. At Techstars, one of the favorite sayings is "it's just data," so everything the authors present here should be viewed as input and nothing more (to learn more about this, take a look at Bill Warner's essay titled "It's Just Data.") Recognize that one will have to make his or her own judgments and decisions about what's right for their own business. This book has seven sections - each focusing on a major theme within the Techstars program and within early stage entrepreneurship. The sections are: Idea and Vision, People, Working Efficiently, Product, Fundraising, Legal and Structure, and Work / Life Balance. Within each section are several individual essays. While a few of them were written by one of the authors, Techstars mentors or entrepreneurs who participated in the program wrote most of the essays. Essays written by a founder of a company that went through Techstars include a small icon showing the year that they were in the program. When you don't see that icon, it was written by one of the mentors.

There are several other new chapter written exclusively for those creating startups in India:

- \* A legal chapter that is focused on Indian law
- \* An introductory chapter by David Cohen and David Brown on why Techstars came to India
- \* An introductory chapter by Bala Girisaballa on why India needs Techstars

MAY 2020 400PP  
978-1-119-69918-7 CL \$16.95 (Japan)  
Small Business & Entrepreneurship

## The Four Steps to the Epiphany

Successful Strategies for Products that Win

STEVEN BLANK

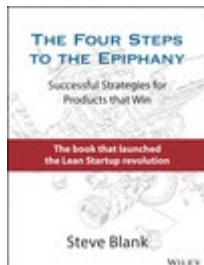
The bestselling classic that launched 10,000 startups and new corporate ventures - *The Four Steps to the Epiphany* is one of the most influential and practical business books of all time.

*The Four Steps to the Epiphany* launched the Lean Startup approach to new ventures. It was the first book to offer that startups are not smaller versions of large companies and that new ventures are different than existing ones. Startups search for business models while existing companies execute them.

The book offers the practical and proven four-step Customer Development process for search and offers insight into what makes some startups successful and leaves others selling off their furniture. Rather than blindly execute a plan, *The Four Steps* helps uncover flaws in product and business plans and correct them before they become costly. Rapid iteration, customer feedback, testing your assumptions are all explained in this book.

Packed with concrete examples of what to do, how to do it and when to do it, the book will leave you with new skills to organize sales, marketing and your business for success. If your organization is starting a new venture, and you're thinking how to successfully organize sales, marketing and business development you need *The Four Steps to the Epiphany*.

Essential reading for anyone starting something new.



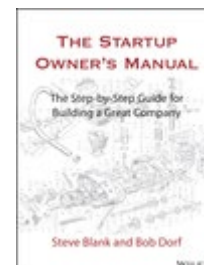
MAY 2020 384PP  
978-1-119-69035-1 CL \$40.00 (Japan)  
Small Business & Entrepreneurship

## The Startup Owner's Manual

The Step-By-Step Guide for Building a Great Company

STEVEN BLANK

More than 100,000 entrepreneurs rely on this book for detailed, step-by-step instructions on building successful, scalable, profitable startups. The National Science Foundation pays hundreds of startup teams each year to follow the process outlined in the book, and it's taught at Stanford, Berkeley, Columbia and more than 100 other leading universities worldwide. Why?



*The Startup Owner's Manual* guides you, step-by-step, as you put the Customer Development process to work. This method was created by renowned Silicon Valley startup expert Steve Blank, co-creator with Eric Ries of the "Lean Startup" movement and tested and refined by him for more than a decade. This 608-page how-to guide includes over 100 charts, graphs, and diagrams, plus 77 valuable checklists that guide you as you drive your company toward profitability. It will help you:

- \* Avoid the 9 deadly sins that destroy startups' chances for success
- \* Use the Customer Development method to bring your business idea to life
- \* Incorporate the Business Model Canvas as the organizing principle for startup hypotheses
- \* Identify your customers and determine how to "get, keep and grow" customers profitably
- \* Compute how you'll drive your startup to repeatable, scalable profits.

MAY 2020 608PP  
978-1-119-69068-9 CL \$40.00 (Japan)  
Small Business & Entrepreneurship

## Transforming Healthcare Analytics

The Quest for Healthy Intelligence

MICHAEL N. LEWIS & THO H. NGUYEN

**Real-life examples of how to apply in the healthcare industry through innovative analytics**

Healthcare analytics offers intelligence for making better healthcare decisions. Identifying patterns and correlations contained in complex health data, analytics has applications in hospital management, patient records, diagnosis, operating and treatment costs, and more. Helping healthcare managers operate more efficiently and effectively.



*Transforming Healthcare Analytics: The Quest for Healthy Intelligence* shares real-world use cases of a healthcare company that leverages people, process, and advanced analytics technology to deliver exemplary results. This book illustrates how healthcare professionals can transform the healthcare industry through analytics. Practical examples of modern techniques and technology show how unified analytics with data management can deliver insight-driven decisions. The authors--a data management and analytics specialist and a healthcare finance executive--share their unique perspectives on modernizing data and analytics platforms to alleviate the complexity of the healthcare, distributing capabilities and analytics to key stakeholders, equipping healthcare organizations with intelligence to prepare for the future, and more. This book:

- Explores innovative technologies to overcome data complexity in healthcare
- Highlights how analytics can help with healthcare market analysis to gain competitive advantage
- Provides strategies for building a strong foundation for healthcare intelligence
- Examines managing data and analytics from end-to-end, from diagnosis, to treatment, to provider payment
- Discusses the future of technology and focus areas in the healthcare industry

*Transforming Healthcare Analytics: The Quest for Healthy Intelligence* is an important source of information for CFO's, CIO, CTO, healthcare managers, data scientists, statisticians, and financial analysts at healthcare institutions.

SERIES: WILEY AND SAS BUSINESS SERIES

MAY 2020 288PP  
978-1-119-61354-1 CL \$49.95 (Japan)  
Business & Management Special Topics

## It Starts With Clients

Your 100-Day Plan to Build Lifelong Relationships and Revenue

ANDREW SOBEL, New York

**World-renowned client relationship authority shows you how to dramatically grow your business by mastering fourteen critical client development challenges**



Andrew Sobel, author of the international bestsellers *Clients for Life* and *Power Questions*, offers a proven, 100-day plan for conquering 14 tough client development challenges and growing your client base. He's encapsulated 25 years of unique research, including personal interviews with over 3000 top executives, into a practical roadmap for winning more new clients and growing your existing relationships.

You'll learn specific strategies to move confidently and predictably from a first meeting to a signed contract, and discover the agenda-setting techniques that create a steady stream of sole-source business. You'll master the art of reframing client requests, leading to broader, higher-impact engagements. You'll dramatically sharpen your ability to ask the powerful questions that can transform your client relationships. And, you'll learn to develop advisory relationships with influential C-suite executives. Andrew illustrates each weekly challenge with real-life examples drawn from thousands of executive meetings. He shares success strategies from having grown and led three highly successful professional service businesses as well as from his interviews with over 1500 acclaimed rainmakers. Andrew has taught these strategies to over 50,000 professionals around the world, and they're now available to you in this highly readable, portable masterclass. Whether you are early in your career and need a comprehensive guide to grow your client base from the ground up or are a seasoned practitioner who wants to accelerate your business growth, *It Starts With Clients* will take you to the next level.

MAY 2020 256PP  
978-1-119-61910-9 CL \$26.00 (Japan)  
Business & Finance

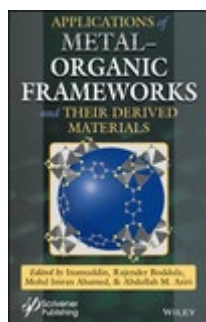
## 生体医用工学

## Applications of Metal-Organic Frameworks and Their Derived Materials

EDITOR INAMUDDIN, EDITOR RAJENDER BODDULA, EDITOR MOHD IMRAN AHAMED & EDITOR ABDULLAH M. ASIRI

King Abdulaziz University, Jeddah, Saudi Arabia; Aligarh Muslim University, Aligarh, India; National Center for Nanoscience and Technology (NCNST, Beijing); Aligarh Muslim University, Aligarh, India; King Abdulaziz University, Jeddah, Saudi Arabia

Metal-organic frameworks (MOFs) are porous crystalline polymers constructed by metal sites and organic building blocks. Since the discovery of MOFs in the 1990s, they have received tremendous research attention for various applications due to their high surface area, controllable morphology, tunable chemical properties, and multifunctionalities, including MOFs as precursors and self-sacrificing templates for synthesizing metal oxides, heteroatom-doped carbons, metal-atoms encapsulated carbons, and others. Thus, awareness and knowledge about MOFs and their derived nanomaterials with conceptual understanding are essential for the advanced material community.



This breakthrough new volume aims to explore down-to-earth applications in fields such as bio-medical, environmental, energy, and electronics. This book provides an overview of the structural and fundamental properties, synthesis strategies, and versatile applications of MOFs and their derived nanomaterials. It gives an updated and comprehensive account of the research in the field of MOFs and their derived nanomaterials.

Whether as a reference for industry professionals and nanotechnologists or for use in the classroom for graduate and postgraduate students, faculty members, and research and development specialists working in the area of inorganic chemistry, materials science, and chemical engineering, this is a must-have for any library.

MAY 2020 523PP  
978-1-119-65098-0 CL \$225.00 (Japan)  
Biomaterials

## 土木工学

## Construction Management JumpStart

The Best First Step Toward a Career in Construction Management, 3rd Edition

BARBARA J. JACKSON

**The bestselling introduction to the field, updated and expanded**

*Construction Management Jumpstart* is the definitive introduction to the field, providing a detailed walkthrough of each stage of a project from the construction manager's perspective.

Authoritative coverage of fundamental concepts and practices clearly delineates the manager's role, while step-by-step guidance provides valuable instruction for essential management duties. This new third edition has been updated to reflect the field's current environment and best practices, giving students a highly-relevant introduction to an evolving industry. Three new chapters include insightful discussion of the pre-construction phase, team management, and sustainability; challenging chapter review questions help reinforce important concepts and help translate them to practice.

Construction managers work alongside project managers, and use many of the same tried-and-true techniques—but construction managers must also adhere to a vast array of industry-specific standards and regulations. This book helps you build a foundation in critical concepts and practices while tailoring traditional project management techniques to the construction management sphere.

- Understand essential management roles and responsibilities for each stage of a construction project
- Learn how to estimate costs, administer contracts, manage operations, monitor performance, assess risks, and more
- Explore critical concepts in planning and scheduling that help keep projects running on-time and on-budget
- Discover how Building Information Modeling software is impacting the industry, and how it affects construction management

Evolving regulations, advancing technology, and economies in flux all impact the construction industry in a number of ways; management's job is to clear obstacles to delivery and streamline the project's completion. To be effective, construction managers must stay up to date on the latest tools and best practices, and have a strong grasp of the fundamentals of the role. *Construction Management Jumpstart* provides a practical, highly-relevant introduction to the field.



MAY 2020 512PP  
978-1-119-45101-3 PB \$39.99 (Japan)  
CONSTRUCTION MANAGEMENT



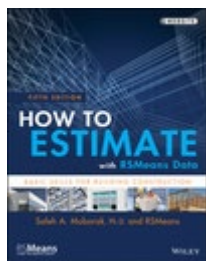
## How to Estimate with RSMeans Data

Basic Skills for Building Construction, 5th Edition

RSMEANS & SALEH A. MUBARAK

**A practical, hands-on guide to real-world construction estimating**

*How to Estimate with RSMeans Data* is the only instructional book on construction cost estimating that uses the most popular source of construction cost data, RS Means. This updated fifth edition includes new coverage on the role of Building Information Modeling (BIM) in the estimating process, and over 300 sample problems and exercises that show you how to apply cost data to your building project based on the *RS Means 2015 Building Construction Cost Data*. The companion website provides access to *RS Means CostWorks* data, allowing you to use real-world numbers in your practice estimates, and the included Instructor's Manual provides step-by-step solutions to problems in the book. Focused on the practical aspects of estimating, this book emphasizes the application of estimating techniques--which are transferable to any estimating software--through problem solving and the ground-up creation of complete construction project estimates.



Estimating skills are fundamental to the construction industry, and are applied by all parties at all levels throughout the industry. This book is a hands-on guide to the techniques and tools used to create a thorough estimate, with plenty of opportunities for practice.

- Apply cost data to *all* aspects of the building project
- Practice your skills on over 300 sample problems
- Construct a complete estimate using RSMeans

Besides being an essential construction skill, learning estimating helps you become familiar with reading and understanding construction blueprints and how construction assemblies are built. Mastery of these vital skills is important to your future career, and *How to Estimate with RSMeans Data* is your ideal guide to a solid foundation.

SERIES: RSMEANS

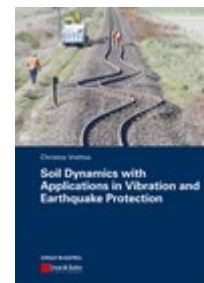
MAY 2020 336PP  
978-1-118-97796-5 PB \$88.50 (Japan)  
CONSTRUCTION MANAGEMENT

## Soil Dynamics with Applications in Vibration and Earthquake Protection

CHRISTOS VRETTOS

TECHNICAL UNIVERSITY OF KAISERSLAUTERN

For numerous geotechnical applications soil dynamics are of special importance. In seismic engineering this affects the stability of dams, slopes, foundations, retaining walls and tunnels, while vibrations due to traffic and construction equipment represent a significant aspect in environmental protection. Foundations for mechanical equipment and cyclically loaded offshore structures are also part of the spectrum of application. This book covers the basics of soil dynamics and building thereon the practical applications in vibration protection and seismic engineering.



MAY 2020 200PP  
978-3-433-02999-2 PB \$78.00 (Japan)  
Soil (Civil Engineering)

## 化学工学

**Thermodynamic Processes 1**

Systems without Physical State Change

SALAH BELAADI

Thermodynamic Processes 1 offers a comprehensive take on process engineering, whereby technology transforms materials and energy production into various products. The scientific methods required for designing such processes are the result of knowledge from a number of different disciplines. As a result, thermodynamics is the basic discipline in process engineering training.

The application of laws and concepts of thermodynamics is essential before the design and optimization of any process, which allows downstream to control its reliability and validity. This book offers a pragmatic approach through practical and varied examples, chosen for their didactic and industrial interest.

MAY 2020 320PP  
978-1-78630-513-8 CL \$155.00 (Japan)  
General & Introductory Chemical Engineering

**Thermal Safety of Chemical Processes**

Risk Assessment and Process Design, 2nd Edition

FRANCIS STOESEL

Swiss Institute for the Promotion of Safety and Security, Basel, Switzerland

Completely revised and updated to reflect the current IUPAC standards, this second edition is enlarged by five new chapters dealing with the assessment of energy potential, physical unit operations, emergency pressure relief, the reliability of risk reducing measures, and process safety and process development.

Clearly structured in four parts, the first provides a general introduction and presents the theoretical, methodological and experimental aspects of thermal risk assessment. Part II is devoted to desired reactions and techniques allowing reactions to be mastered on an industrial scale, while the third part deals with secondary reactions, their characterization, and techniques to avoid triggering them. Due to the inclusion of new content and restructuring measures, the technical aspects of risk reduction are highlighted in the new section that constitutes the final part. Each chapter begins with a case history illustrating the topic in question, presenting lessons learned from the incident. Numerous examples taken from industrial practice are analyzed, and each chapter concludes with a series of exercises or case studies, allowing readers to check their understanding of the subject matter. Finally, additional control questions have been added and solutions to the exercises and problems can now be found.

MAY 2020 560PP  
978-3-527-33921-1 CL \$205.00 (Japan)  
PROCESS SAFETY

## 化学

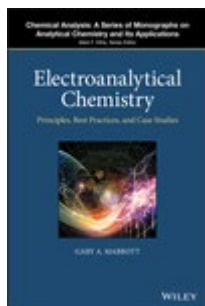
**Electroanalytical Chemistry**

Principles, Best Practices, and Case Studies

GARY A. MABBOTT

**Provides a strong foundation in electrochemical principles and best practices**

Written for undergraduate majors in chemistry and chemical engineering, this book teaches the basic principles of electroanalytical chemistry and illustrates best practices through the use of case studies of organic reactions and catalysis using voltammetric methods and of the measurement of clinical and environmental analytes by potentiometric techniques. It provides insight beyond the field of analysis as students address problems arising in many areas of science and technology. The book also emphasizes electrochemical phenomena and conceptual models to help readers understand the influence of experimental conditions and the interpretation of results for common potentiometric and voltammetric methods.



*Electroanalytical Chemistry: Principles, Best Practices, and Case Studies* begins by introducing some basic concepts in electrical phenomena. It then moves on to a chapter that examines the potentiometry of oxidation-reduction processes, followed by another on the potentiometry of ion selective electrodes. Other sections look at: applications of ion selective electrodes; controlled potential methods; case studies in controlled potential methods; and instrumentation. The book also features several appendixes covering: Ionic Strength, Activity and Activity Coefficients; The Nicolsky-Eisenman Equation; The Henderson Equation for Liquid Junction Potentials; Selected Standard Electrode Potentials; and The Nernst Equation Derivation.

*Electroanalytical Chemistry: Principles, Best Practices, and Case Studies* is an ideal textbook for undergraduate majors in chemistry and chemical engineering taking instrumental analysis courses. It would also benefit professional chemists who need an introduction to potentiometry or voltammetry.

SERIES: CHEMICAL ANALYSIS: A SERIES OF MONOGRAPHS ON ANALYTICAL CHEMISTRY AND ITS APPLICATIONS

MAY 2020 352PP  
978-1-119-53859-2 CL \$135.00 (Japan)  
Analytical Chemistry

**Teaching Edition of International Tables for Crystallography**Crystallographic Symmetry  
6th Edition

MOIS I. AROYO

The University of the Basque Country

This sixth edition of what was previously known as the Brief Teaching Edition of Volume A provides an introduction to the basic crystallographic data for space groups found in Volume A, for symmetry relations between space groups in Volume A1 and for subperiodic groups in Volume E of International Tables for Crystallography, to magnetic space groups and to the symmetry database that forms part of International Tables Online at <https://it.iucr.org>. It is designed for graduate students and young researchers who are new to the field of crystallographic symmetry, and includes many illustrative examples to help readers to understand and use these different kinds of information. Selected tables of symmetry data from the full volumes in the series are also included, making this a handy aid for classroom teaching. References are also provided to further specialized sources for those who need to go deeper into the subject and to textbooks for those who need more background information.



SERIES: IUCR SERIES. INTERNATIONAL TABLES FOR CRYSTALLOGRAPHY

MAY 2020 250PP  
978-0-470-97422-3 PB \$40.00 (Japan)  
CRYSTALLOGRAPHY



## Industrial Environmental Management

Engineering, Science, and Policy

TAPAS K. DAS

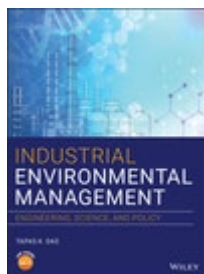
Washington Depart. of Ecology, Olympia, WA

**Provides aspiring engineers with pertinent information and technological methodologies on how best to manage industry's modern-day environment concerns**

This book explains why industrial environmental management is important to human environmental interactions and describes what the physical, economic, social, and technological constraints to achieving the goal of a sustainable environment are. It emphasizes recent progress in life-cycle sustainable design, applying green engineering principles and the concept of Zero Effect Zero Defect to minimize wastes and discharges from various manufacturing facilities. Its goal is to educate engineers on how to obtain an optimum balance between environmental protections, while allowing humans to maintain an acceptable quality of life. *Industrial Environmental Management: Engineering, Science, and Policy* covers topics such as industrial wastes, life cycle sustainable design, lean manufacturing, international environmental regulations, and the assessment and management of health and environmental risks. The book also looks at the economics of manufacturing pollution prevention; how eco-industrial parks and process intensification will help minimize waste; and the application of green manufacturing principles in order to minimize wastes and discharges from manufacturing facilities.

*Industrial Environmental Management: Engineering, Science, and Policy* is an ideal textbook for junior and senior level students in multidisciplinary engineering fields such as chemical, civil, environmental, and petroleum engineering. It will appeal to practicing engineers seeking information about sustainable design principles and methodology.

MAY 2020 576PP  
978-1-119-59158-0 CL \$185.00 (Japan)  
Environmental Chemistry



## Introduction to Desalination

FUAD NESF ALASFOUR

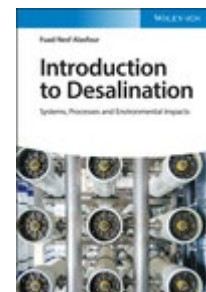
**One book dealing with the fundamentals of thermal and membrane desalination systems and discussing their economical as well as environmental aspects.**

With a growing population, climate change and greater water demand, desalination has increasingly become a part of the solution to regional water scarcity - seawater desalination capacity has roughly doubled in the past ten years. Desalination has also begun to receive more attention in academia, with research focusing on improving energy efficiency and system robustness and lowering capital costs.

With this book, an introduction is given to the basics and fundamentals of desalination systems. Both, thermal and membrane desalination systems, are covered and discussed in view of energy, exergy, economic and environmental aspects. In the beginning, *Introduction to Desalination: Systems, Processes and Environmental Impacts* describes multi effect evaporation, vapor compression and multi-stage flashing. Further chapters deal with common membrane-based separations like reverse osmosis and membrane filtration, forward osmosis, diffusion dialysis and pervaporation as well as thermo-osmosis, electrodialysis and electrodeionization. Subsequently, hybrid systems are discussed, and the economic analysis of such systems and their environmental impact are highlighted. Each chapter contains theoretical and practical examples and concludes with questions and problems for self-study.

*Introduction to Desalination: Systems, Processes and Environmental Impacts* is an important resource for master's students in engineering sciences, lecturers in chemical and mechanical engineering, engineers, environmental chemists, as well as process engineers, engineering scientists in industry, and environmental consultants.

MAY 2020 368PP  
978-3-527-34357-7 CL \$135.00 (Japan)  
Water Chemistry



## Quick Selection Guide to Chemical Protective Clothing, 7th Edition

KRISTER FORSBERG, ANN VAN DEN BORRE, NORMAN HENRY III & JAMES P. ZEIGLER

**The expanded seventh edition, complete with new materials and updated information on existing materials for chemical protective clothing**

The revised and updated seventh edition of *Quick Selection Guide to Chemical Protective Clothing* contains the most recent information on the selection, use, and care of chemical protective clothing, such as protective gloves, suits, and other garments. The seventh edition includes new selection recommendations, new materials and chemicals tested, and updated information on existing products. This accessible guide also contains the popular color-coded selection grid. The grid system indicates which materials offer protection against specific chemicals, and which do not.

Selecting the most appropriate chemical protective clothing is essential for the prevention of illnesses and injuries from hazardous chemical exposure, especially where other control measures are not feasible. Written by noted experts on the topic, the book has been thoroughly revised to reflect the most recent advances in the field. The new seventh edition:

- \* Offers an updated Trade Name Table with 25 product name changes, 8 new products, and 10 products deletions
  - \* Includes 27 products in the Master Chemical Resistance Table with changed names and includes replaces outdated products with important new ones
  - \* Contains new selection recommendations (color codes) that reflect new chemicals and additional tests
  - \* Includes 1,000 chemicals in the index that are linked to the UN pictograms and Risk Codes related to skin exposure
  - \* Provides a guide for comparing the performance of available product/barrier materials currently on the market
- Written for anyone responsible for the purchase or use of protective clothing, the updated seventh edition of *Quick Selection Guide to Chemical Protective Clothing* is a pocket guide that is the only independent source for selection of chemical protective clothing.



## Natural Oral Care in Dental Therapy

EDITOR DURGESH NANDINI CHAUHAN, EDITOR PRABHU RAJ SINGH, EDITOR KAMAL SHAH & EDITOR NAGENDRA SINGH CHAUHAN

Because of increasing antibiotic resistance, stronger antibiotics are reserved for serious active infection, paving the way for a greater use of herbal antibiotics. This book helps dentists in implementing safe and effective natural medicine therapies to complement the current practice guidelines.



Oral diseases continue to be a major health problem world-wide. Oral health is integral to general well-being and relates to the quality-of-life that extends beyond the functions of the craniofacial complex. The standard Western medicine has had only limited success in the prevention of periodontal disease and in the treatment of a variety of oral diseases.

The dentist needs to be more informed regarding the use, safety and effectiveness of the various traditional medicines and over-the-counter products.

Herbal extracts have been used in dentistry for reducing inflammation, as antimicrobial plaque agents, for preventing release of histamine and as antiseptics, antioxidants, antimicrobials, antifungals, antibacterials, antivirals and analgesics. They also aid in healing and are effective in controlling microbial plaque in gingivitis and periodontitis and thereby improving immunity.

The 26 chapters in this unique book explore all the measures to utilize the natural oral care obtained from plants, animals and mineral drugs for dental care.

MAY 2020 448PP  
978-1-119-61422-7 CL \$235.00 (Japan)  
Pharmaceutical & Medicinal Chemistry

MAY 2020 304PP  
978-1-119-65055-3 PB \$69.95 (Japan)  
CHEMICAL AND ENVIRONMENTAL HEALTH AND SAFETY

## Bioinorganic Chemistry

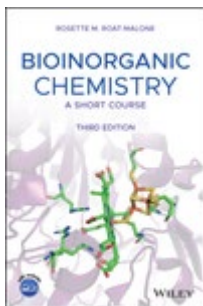
A Short Course, 3rd Edition

ROSETTE M. ROAT-MALONE

Washington College, Chestertown, Maryland, USA

### Introduces students to the basics of bioinorganic chemistry

This book provides the fundamentals for inorganic chemistry and biochemistry relevant to understanding bioinorganic topics. It provides essential background material, followed by detailed information on selected topics, to give readers the background, tools, and skills they need to research and study bioinorganic topics of interest to them. To reflect current practices and needs, instrumental methods and techniques are referred to and mixed in throughout the book.



*Bioinorganic Chemistry: A Short Course, Third Edition* begins with a chapter on Inorganic Chemistry and Biochemistry Essentials. It then continues with chapters on: Computer Hardware, Software, and Computational Chemistry Methods; Important Metal Centers in Proteins; Myoglobins, Hemoglobins, Superoxide Dismutases, Nitrogenases, Hydrogenases, Carbonic Anhydrases, and Nitrogen Cycle Enzymes. The book concludes with chapters on Nanobioinorganic Chemistry and Metals in Medicine. Readers are also offered end-of-section summaries, conclusions, and thought problems.

- Reduces size of the text from previous edition to match the first, keeping it appropriate for a one-semester course
- Offers primers and background materials to help students feel comfortable with research-level bioinorganic chemistry
- Emphasizes select and diverse topics using extensive references from current scientific literature, with more emphasis on molecular biology in the biochemistry section, leading to a discussion of CRISPR technology

Appropriate for one-semester bioinorganic chemistry courses, *Bioinorganic Chemistry: A Short Course, Third Edition* is ideal for upper-level undergraduate and beginning graduate students. It is also a valuable reference for practitioners and researchers in need of a general introduction to the subject, as well as chemists requiring an accessible reference.

MAY 2020 352PP  
978-1-119-53521-8 PB \$99.95 (Japan)  
BIOINORGANIC CHEMISTRY

## Emerging Fluorinated Motifs

Synthesis, Properties and Applications

EDITOR DOMINIQUE CAHARD & EDITOR JUN-AN MA

A must-have resource for all the researchers working in the organofluorine and related fields

This timely two-volume set uniquely focuses on emerging fluorinated motifs beyond R-CF<sub>3</sub> and R-F, like R-CF<sub>2</sub>H, R-OCF<sub>3</sub>, R-SCF<sub>3</sub> and R-SF<sub>5</sub>. It also offers descriptions of the properties, synthesis, and applications of these emerging fluorinated motifs in order to help readers design new chemical entities, while providing new interest for researchers in organofluorine chemistry and new tools for those in other areas.



*Emerging Fluorinated Motifs: Synthesis, Properties and Applications* begins with a description of carbon-linked fluorine-containing groups that include monofluoromethyl and difluoromethyl groups. It then details combinations of heteroatoms, Oxygen, Sulfur, Selenium, Nitrogen, and Phosphorus with fluorine-containing groups, outlining subsections of the most popular current motifs. Fluoroalkyl ethers, thioethers, and the recent blossoming of the SF<sub>5</sub> unit is covered. Other chapters look at: selenium-linked fluorine-containing motifs; construction of N-CF<sub>2</sub>H, N-CF<sub>3</sub>, N-CH<sub>2</sub>CF<sub>3</sub> motifs; and the synthesis and applications of P-Rf-containing molecules.

- Focuses on the synthesis, properties, and applications of emerging fluorinated motifs
- Covers carbon-linked fluorine-containing motifs, oxygen-linked fluorine-containing motifs, sulfur-linked fluorine-containing motifs, and more
- Appeals to academic and industrial researchers working in organic chemistry, medicinal chemistry, food chemistry, and materials science
- Edited by world-renowned experts in organofluorine chemistry

*Emerging Fluorinated Motifs* is intended for academic research institutes, university libraries, researchers, graduate students, postdoctors, and researchers in the chemical industry.

MAY 2020 760PP  
978-3-527-34681-3 CL \$190.00 (Japan)  
Organic Chemistry

## Organic Reaction Mechanisms 2017

An annual survey covering the literature dated January to December 2017

EDITOR A. C. KNIPE, UNITED KINGDOM & EDITOR MARK G. MOLONEY

School of BMS, The University of Ulster, N. Ireland; St Peter's College, Oxford

Organic Reaction Mechanisms 2017, the 53rd annual volume in this highly successful and unique series, surveys research on organic reaction mechanisms described in the available literature dated 2017. The following classes of organic reaction mechanisms are comprehensively reviewed:

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

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

SERIES: ORGANIC REACTION MECHANISMS SERIES

MAY 2020 704PP  
978-1-119-42619-6 CL \$565.00 (Japan)  
Organic Chemistry



## Organic Reactions, Volume 101

EDITOR-IN-CHIEF P. ANDREW EVANS

Queens University, Kingston, Canada

The 101st volume in this series for organic chemists in academia and industry presents critical discussions of widely used organic reactions or particular phases of a reaction. The material is treated from a preparative viewpoint, with emphasis on limitations, interfering influences, effects of structure and the selection of experimental techniques. The work includes tables that contain all possible examples of the reaction under consideration. Detailed procedures illustrate the significant modifications of each method.



SERIES: ORGANIC REACTIONS

MAY 2020 992PP  
978-1-119-64477-4 CL \$350.00 (Japan)  
Organic Chemistry

## The Chemistry of Environmental Engineering

JOHANNES KARL FINK

The focus of this book is the chemistry of environmental engineering and its applications, with a special emphasis on the use of polymers in this field. It explores the creation and use of polymers with special properties such as viscoelasticity and interpenetrating networks; examples of which include the creation of polymer-modified asphalt as well as polymers with bacterial adhesion properties. The text contains the issues of polymerization methods, recycling methods, wastewater treatment, types of contaminants, such as microplastics, organic dyes, and pharmaceutical residues. After a detailed overview of polymers in Chapter 1, their special properties are discussed in the following chapter. Among the topics is the importance of polymers to water purification procedures, since their use in the formation of reverse osmosis membranes do not show biofouling. Chapter 3 details special processing methods, such as atom transfer radical polymerization, enzymatic polymerization, plasma treatment, and several other methods, can be used to meet the urgent demands of industrial applications. Chapter 4 addresses the important environmental issue of recycling methods as they relate to several types of materials such as PET bottles, tire rubbers, asphalt compositions, and other engineering resins. And wastewater treatment is detailed in Chapter 5, in which the types of contaminants, such as microplastics, organic dyes and pharmaceutical residues, are described and special methods for their proper removal are detailed along with types of adsorbents, including biosorbents. Still another important issue for environmental engineering chemistry is pesticides. Chapter 6 is a thorough description of the development and fabrication of special sensors for the detection of certain pesticides. A detailed presentation of the electrical uses of polymer-based composites is given in Chapter 7, which include photovoltaic materials, solar cells, energy storage and dielectric applications, light-emitting polymers, and fast-charging batteries. And recent issues relating to food engineering, such as food ingredient tracing, protein engineering, biosensors and electronic tongues, are presented in Chapter 8. Finally, polymers used for medical applications are described in Chapter 9. These applications include drug delivery, tissue engineering, porous coatings and also the special methods used to fabricate such materials.

MAY 2020 322PP  
978-1-119-70774-5 CL \$195.00 (Japan)  
Sustainable Chemistry & Green Chemistry

## Emerging Carbon-Based Nanocomposites for Environmental Applications

AJAY KUMAR MISHRA, SHIVANI BHARDWAJ MISHRA & CHAUDHARY MUSTANSAR HUSSAIN

NJIT, Dept of Chemistry and Environmental Sciences

The 12 chapters comprehensively cover the development and advances on emerging carbon-based nanocomposites for wastewater applications and discuss the following topics:

- The emerging carbon-based nanocomposites for remediation of heavy metals and organic pollutants from wastewater;
- Functional green carbon nanocomposites for heavy-metal treatment in water;
- Green nanocomposites and their applications in environmentally-friendly carbon nanomaterials;
- Carbon-based nanocomposites as heterogeneous catalysts for organic reactions in environment-friendly solvents;
- Carbonaceous nanomaterials for arsenic and chromium removal from waste water;
- Biochar-based adsorbents for the removal of organic pollutants from aqueous systems;
- Describes carbon nanomaterials based green nanocomposites;
- The removal of trihalomethanes from water using nanofiltration membranes and
- The transformation of wide bandgap semiconductors for visible-light photocatalytic degradation of organic dyes;
- Nanocomposite materials as electrode materials in microbial fuel cells for the removal of water pollutants;
- Plasmonic smart nanosensors for the determination of environmental pollutants.

MAY 2020 400PP  
978-1-119-55485-1 CL \$225.00 (Japan)  
Sustainable Chemistry & Green Chemistry



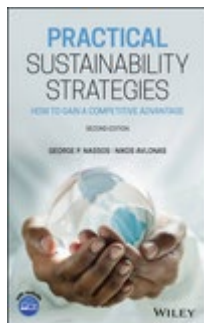
## Practical Sustainability Strategies

How to Gain a Competitive Advantage  
2nd Edition

GEORGE P. NASSOS & NIKOS AVLONAS

**The guide to sustainable strategies and tools to improve competitive business advantage, updated with practical case studies and supporting teaching material**

The revised and updated second edition of *Practical Sustainability Strategies* is filled with proven strategies and tools for organizations to integrate sustainability into their business models. Drawing on the authors' research and years of hands-on experience, the book defines strategies that organizations can put in place to develop, extend, or maintain competitive advantage without harming the environment. Additionally, the authors provide tools for measuring and reporting progress and present illustrative case studies that clearly demonstrate the importance of implementing sustainability.



Since the first edition was published in 2013, new strategies, measurements, and certifications have been developed. The book, which is used by several business schools around the globe, has been updated to include these new and effective strategies, including circular economy, the sharing economy, adaptation, resiliency, and strategies to fight climate change. This new edition also highlights the UN Sustainable Development Goals that have been adopted worldwide. This updated second edition:

- Covers new strategies, measuring systems, GRI, STARS and B-Lab certifications
- Offers teaching slides and questions for use in the classroom
- Explores the principles and importance of sustainability
- Examines more than 10 different sustainability strategies
- Presents the economic justification for sustainability with illustrative examples

Written for sustainability managers, ESG professionals, engineers, process designers, policy makers, CEOs, business schools, and others, the second edition of *Practical Sustainability Strategies* offers an updated guide to the most recent strategies and tools that can be put into place to improve competitive advantage, while also providing a positive impact to the community and workplace.

MAY 2020 368PP  
978-1-119-56104-0 CL \$79.95 (Japan)  
SUSTAINABLE CHEMISTRY & GREEN CHEMISTRY

## コンピューティング

## iPad For Seniors For Dummies

12th Edition

DWIGHT SPIVEY, MOBILE

**Get to know the exciting features of your new iPad!**

The iPad can do almost anything: entertain you, help you stay in touch with the world, boost your productivity, and more. If you have lots of life experience but are a little less tech savvy, *iPad For Seniors For Dummies* is here to help you make the most of your wireless device.



Learn the essentials of any model of iPad with this friendly, easy-to-follow guide. You'll learn to connect to the Internet, play games, watch movies, listen to music, use video chat, update your social media accounts, read the news, and just about anything else you might want to do.

- Set up your Apple ID and navigate the iPad screens
- Connect to the internet, check your e-mail, and update social media
- Cue up music, TV, or a movie to stay entertained
- Take photos, chat with family and friends, and more!

In this edition, you'll also learn to teach your iPad to answer your voice commands, making life with your new iPad easier and more convenient than ever!

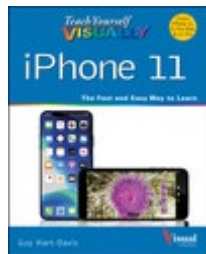
MAY 2020 432PP  
978-1-119-60792-2 PB \$24.99 (Japan)  
COMPUTER HARDWARE / MACINTOSH

## Teach Yourself VISUALLY iPhone 11, 11Pro, and 11 Pro Max

GUY HART-DAVIS, BARNARD CASTLE, UNITED KINGDOM

**Know your new iPhone 11, 11 Pro, and 11 Pro Max from the inside-out with 900 color screen shots!**

*Teach Yourself VISUALLY iPhone* is your ultimate guide to getting the most out of your iPhone! Apple's graphics-driven iOS is perfect for visual learners, so this book uses a visual approach to show you everything you need to know to get up and running--and much more. Full-color screen shots walk you step-by-step through setup, customization, and everything your iPhone can do. Whether you are new to the iPhone or have just upgraded to the 11, 11 Pro, or 11 Pro Max, this book helps you discover your phone's full functionality and newest capabilities. Stay in touch by phone, text, email, FaceTime Audio or FaceTime Video calls, or social media; download and enjoy books, music, movies, and more; take, edit, and manage photos; track your health, fitness, and habits; organize your schedule, your contacts, and your commitments; and much more!



The iPhone is designed to be user-friendly, attractive, and functional. But it is capable of so much more than you think--don't you want to explore the possibilities? This book walks you through iOS 13 visually to help you stay in touch, get things done, and have some fun while you're at it!

- Get to know iOS 13 with 900 full-color screen shots
- Master the iPhone's basic functions and learn the latest features
- Customize your iPhone to suit your needs and get optimal performance
- Find the apps and services that can make your life easier

The iPhone you hold in your hand represents the pinnacle of mobile technology and is a masterpiece of industrial design. Once you get to know it, you'll never be without it. *Teach Yourself VISUALLY iPhone* is your personal map for exploring your new tech companion.

SERIES: TEACH YOURSELF VISUALLY (TECH)

MAY 2020 320PP

978-1-119-68388-9 PB \$25.00 (Japan)

COMPUTER HARDWARE / MACINTOSH

## Digital Life

TIM MARKHAM

READERSHIP: Advanced students and scholars of digital media, media theory, philosophy of media, data and digital life. Relevant courses include Theories in Communication and Culture and New Media and the Information Age.



MAY 2020 208PP

978-1-5095-4105-8 CL \$69.95 (Japan)

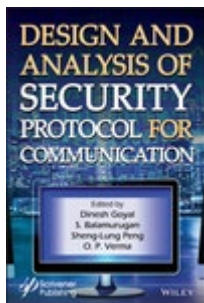
978-1-5095-4106-5 PB \$24.95 (Japan)

Media Studies

## Design and Analysis of Security Protocol for Communication

EDITOR DINESH GOYAL, EDITOR S. BALAMURUGAN, EDITOR SHENG-LUNG PENG & EDITOR O. P. VERMA

The purpose of designing this book is to discuss and analyze security protocols available for communication. Objective is to discuss protocols across all layers of TCP/IP stack and also to discuss protocols independent to the stack. Authors will be aiming to identify the best set of security protocols for the similar applications and will also be identifying the drawbacks of existing protocols. The authors will be also suggesting new protocols if any.



MAY 2020 368PP  
978-1-119-55564-3 CL \$225.00 (Japan)  
Client/Server Technologies

## Machine Learning and Cognitive Computing for Mobile Communications and Wireless Networks

KRISHNA KANT SINGH, AKANSHA SINGH, KORHAN CENGIZ & DAC-NHUONG LE

Communication and network technology has witnessed recent rapid development and numerous information services and applications have been developed globally. These technologies have high impact on society and the way people are leading their lives. The advancement in technology has undoubtedly improved the quality of service and user experience yet a lot needs to be still done. Some areas that still need improvement include seamless wide-area coverage, high-capacity hot-spots, low-power massive-connections, low-latency and high-reliability and so on. Thus, it is highly desirable to develop smart technologies for communication to improve the overall services and management of wireless communication. Machine learning and cognitive computing have converged to give some groundbreaking solutions for smart machines. With these two technologies coming together, the machines can acquire the ability to reason similar to the human brain. The research area of machine learning and cognitive computing cover many fields like psychology, biology, signal processing, physics, information theory, mathematics, and statistics that can be used effectively for topology management. Therefore, the utilization of machine learning techniques like data analytics and cognitive power will lead to better performance of communication and wireless systems.

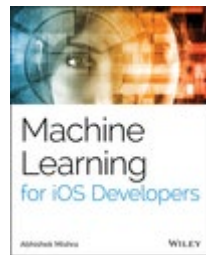
MAY 2020 400PP  
978-1-119-64036-3 CL \$195.00 (Japan)  
Artificial Intelligence



## Machine Learning for iOS Developers

ABHISHEK MISHRA

**Harness the power of Apple iOS machine learning (ML) capabilities and learn the concepts and techniques necessary to be a successful Apple iOS machine learning practitioner!**



Machine learning (ML) is the science of getting computers to act without being explicitly programmed. A branch of Artificial Intelligence (AI), machine learning techniques offer ways to identify trends, forecast behavior, and make recommendations. The Apple iOS Software Development Kit (SDK) allows developers to integrate ML services, such as speech recognition and language translation, into mobile devices, most of which can be used in multi-cloud settings. Focusing on Apple's ML services, *Machine Learning for iOS Developers* is an up-to-date introduction to the field, instructing readers to implement machine learning in iOS applications.

Assuming no prior experience with machine learning, this reader-friendly guide offers expert instruction and practical examples of ML integration in iOS. Organized into two sections, the book's clearly-written chapters first cover fundamental ML concepts, the different types of ML systems, their practical uses, and the potential challenges of ML solutions. The second section teaches readers to use models--both pre-trained and user-built--with Apple's CoreML framework. Source code examples are provided for readers to download and use in their own projects. This book helps readers:

- Understand the theoretical concepts and practical applications of machine learning used in predictive data analytics
- Build, deploy, and maintain ML systems for tasks such as model validation, optimization, scalability, and real-time streaming
- Develop skills in data acquisition and modeling, classification, and regression.
- Compare traditional vs. ML approaches, and machine learning on handsets vs. machine learning as a service (MLaaS)
- Implement decision tree based models, an instance-based machine learning system, and integrate Scikit-learn & Keras models with CoreML

MAY 2020 352PP  
978-1-119-60287-3 PB \$50.00 (Japan)  
Artificial Intelligence

## Microsoft Azure For Dummies

TIMOTHY L. WARNER

### Your roadmap to Microsoft Azure

Azure is Microsoft's flagship cloud computing platform. With over 600 services available to over 44 geographic regions, it would take a library of books to cover the entire Azure ecosystem. *Microsoft Azure For Dummies* offers a shortcut to getting familiar with Azure's core product offerings used by the majority of its subscribers. It's a perfect choice for those looking to gain a quick, basic understanding of this ever-evolving public cloud platform.



Written by a Microsoft MVP and Microsoft Certified Azure Solutions Architect, *Microsoft Azure For Dummies* covers building virtual networks, configuring cloud-based virtual machines, launching and scaling web applications, migrating on-premises services to Azure, and keeping your Azure resources secure and compliant.

- Migrate your applications and services to Azure with confidence
- Manage virtual machines smarter than you've done on premises
- Deploy web applications that scale dynamically to save you money and effort
- Apply Microsoft's latest security technologies to ensure compliance to maintain data privacy

With more and more businesses making the leap to run their applications and services on Microsoft Azure, basic understanding of the technology is becoming essential. *Microsoft Azure For Dummies* offers a fast and easy first step into the Microsoft public cloud.

MAY 2020 464PP  
978-1-119-61214-8 PB \$34.99 (Japan)  
Grid & Cloud Computing

## Hacking Connected Cars

Tactics, Techniques, and Procedures

ALISSA KNIGHT

**A field manual on contextualizing cyber threats, vulnerabilities, and risks to connected cars through penetration testing and risk assessment**



*Hacking Connected Cars* deconstructs the tactics, techniques, and procedures (TTPs) used to hack into connected cars and autonomous vehicles to help you identify and mitigate vulnerabilities affecting cyber-physical vehicles. Written by a veteran of risk management and penetration testing of IoT devices and connected cars, this book provides a detailed account of how to perform penetration testing, threat modeling, and risk assessments of telematics control units and infotainment systems. This book demonstrates how vulnerabilities in wireless networking, Bluetooth, and GSM can be exploited to affect confidentiality, integrity, and availability of connected cars.

Passenger vehicles have experienced a massive increase in connectivity over the past five years, and the trend will only continue to grow with the expansion of The Internet of Things and increasing consumer demand for always-on connectivity. Manufacturers and OEMs need the ability to push updates without requiring service visits, but this leaves the vehicle's systems open to attack. This book examines the issues in depth, providing cutting-edge preventative tactics that security practitioners, researchers, and vendors can use to keep connected cars safe without sacrificing connectivity.

- Perform penetration testing of infotainment systems and telematics control units through a step-by-step methodical guide
- Analyze risk levels surrounding vulnerabilities and threats that impact confidentiality, integrity, and availability
- Conduct penetration testing using the same tactics, techniques, and procedures used by hackers

From relatively small features such as automatic parallel parking, to completely autonomous self-driving cars--all connected systems are vulnerable to attack. As connectivity becomes a way of life, the need for security expertise for in-vehicle systems is becoming increasingly urgent. *Hacking Connected Cars* provides practical, comprehensive guidance for keeping these vehicles secure.

MAY 2020 272PP  
978-1-119-49180-4 PB \$50.00 (Japan)  
Computer Security & Cryptography

## 文化研究

## 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

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

## A Companion to the Gangster Film

Editor GEORGE S. LARKE-WALSH

**A companion to the study of the gangster film's international appeal spanning the Americas, Europe, and Asia**

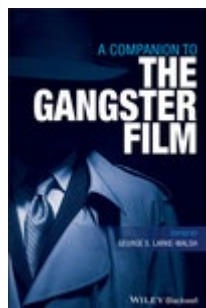
*A Companion to the Gangster Film* presents a comprehensive overview of the newest scholarship on the contemporary gangster film genre as a global phenomenon. While gangster films are one of America's most popular genres, gangster movies appear in every film industry across the world. With contributions from an international panel of experts, *A Companion to the Gangster Film* explores the popularity of gangster films across three major continents, the Americas, Europe, and Asia. The authors acknowledge the gangster genre's popularity and examine the reasons supporting its appeal to twenty-first century audiences across the globe.

The book examines common themes across all three continents such as production histories and reception, gender race and sexuality, mafia mythologies, and politics. In addition, the companion clearly shows that no national cinema develops in isolation and that cinema is a truly global popular art form. This important guide to the gangster film genre:

- Reveals how the gangster film engages in complex and contradictory themes
- Examines the changing face of the gangster film in America
- Explores the ideas of gangsterism and migration in the Hispanic USA, Latin America and the Caribbean
- Discusses the wide variety of gangster types to appear in European cinema
- Contains a review of a wide-range of gangster films from the Americans, Europe, and Asia

Written for academics and students of film, *A Companion to the Gangster Film* offers a scholarly and authoritative guide exploring the various aspects and international appeal of the gangster film genre.

MAY 2020 550PP  
978-1-119-04329-4 PB \$49.95 (Japan)  
9781119041665 CL \$215.00 (Japan) Published, NOV.2018  
Film Studies



## 教育

## The Law of Higher Education

Student Version, 6th Edition

WILLIAM A. KAPLIN & BARBARA A. LEE

The Catholic University of America, Washington, D.C.; Rutgers University, Piscataway, NJ

**A single-volume text that distills information for students**

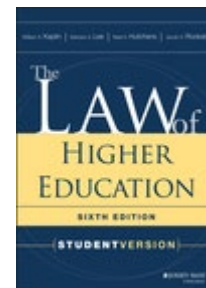
Based on the sixth edition of Kaplin and Lee's indispensable guide to the law that bears on the conduct of higher education, *The Law of Higher Education, Sixth Edition: Student Version* provides an up-to-date reference and guide for coursework in higher education law and programs preparing law students and higher education administrators for leadership roles.

This student edition discusses the most significant areas of the law for college and university attorneys and administrators. Each chapter is introduced by a discussion of key terms and topics the students will encounter, and the book includes materials from the full sixth edition that are most relevant to student interests and classroom instruction. It also contains a "crosswalk" that keys sections of the Student Edition to counterpart sections of the two-volume treatise.

- Complements the full version
- Includes a glossary of legal terms and an appendix on how to read legal material for students without legal training
- Discusses key terms in each chapter
- Concentrates on key topics students will need to know

This is fundamental reading for law students preparing for careers in higher education law and for graduate students in higher education administration programs.

MAY 2020 1056PP  
978-1-119-27191-8 PB \$99.00 (Japan)  
LEADERSHIP, ADMINISTRATION & POLICY (HIGHER EDUCATION)

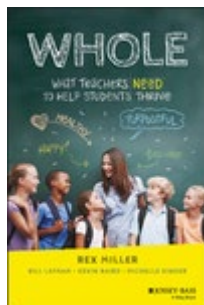


## WHOLE

What Teachers Need to Help Students Thrive

REX MILLER, ROUND ROCK, UNITED STATES, BILL LATHAM, KEVIN BAIRD & MICHELLE KINDER  
Round Rock, TX, Buffalo State College

**A shocking statistic in education reveals that 70% of K-12 teachers work under chronic stress. This revolutionary new book explains how removing stress from the classroom holds the key to improving education. The book also explains what administrators, teachers, parents, and communities can do to help accomplish a stress-free classroom.**



For years, the expert voices said "disengagement" was the crucial issue behind poor educational environments and results. Naturally, only massive reform could fix it. But what if the enormous restructuring and expenditures attacked the wrong problem?

MindShift, an organization that reframes tired and clogged conversations, pushed the old conclusions off the table and started fresh. They gathered diverse leaders in education, leadership, neuroscience, architecture, and wellness in working forums around the nation. These pivotal meetings produced *WHOLE*, a game-changing approach to education. This book captures the story and details of how the system can be remade for real and lasting benefits to everyone. With the authors' expertise, the book exposes the exhausted and antiquated thinking that led to the present crisis. But, *WHOLE* also proposes a new era of disruptive change that can produce happier, healthier, and more successful education for the 21<sup>st</sup> century. The book introduces the outliers, tells the stories, and presents the roadmaps to:

- Why teachers should be seen as high-performance athletes, requiring time for recovery and preparation
- How schools can become "field hospitals," combining learning with healing
- Why space matters, how redesigning and refurbishing schools can eliminate stress and produce learning environments that are more open and inviting
- Ways to properly integrate schools within communities, building honest relationships, increasing social capital, and achieving transparency that increases success

MAY 2020 336PP  
978-1-119-65103-1 CL \$32.00 (Japan)  
Education Special Topics

## 電気電子工学

## Noise in Radio-Frequency Electronics and its Measurement

FRANÇOIS FOUQUET

The ability of wireless communication devices to transmit reliable information is fundamentally limited by sources of noise related to the electronic components in use.

Noise in Radio-Frequency Electronics and its Measurement has five chapters that address the theoretical aspects of this subject, and concludes with a series of exercises and solutions. The book examines the origin and sources of noise inside electronic radio-frequency circuits, their impact in telecommunications, their modeling and their measurement. Particular attention is dedicated to the origins, establishment and significance of formulas that are used when the noise characteristics of an electronic circuit are modeled or measured.

This book instructs the reader in the application of the examined methods and their adaptation to solving problems, as well as how to comfortably use the presented formulas.

SERIES: WILEY-ISTE SERIES

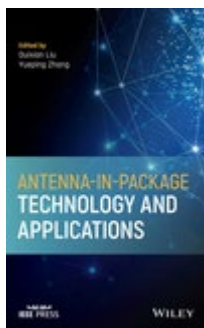
MAY 2020 220PP  
978-1-78630-532-9 CL \$135.00 (Japan)  
General & Introductory Electrical & Electronics Engineering

## Antenna-in-Package Technology and Applications

DUIXIAN LIU & YUEPING ZHANG  
IBM

**A comprehensive guide to antenna design, manufacturing processes, antenna integration, and packaging**

*Antenna-in-Package Technology and Applications* contains an introduction to the history of AiP technology. It explores antennas and packages, thermal analysis and design, as well as measurement setups and methods for AiP technology. The authors--well-known experts on the topic--explain why microstrip patch antennas are the most popular and describe the myriad constraints of packaging, such as electrical performance, thermo-mechanical reliability, compactness, manufacturability, and cost. The book includes information on how the choice of interconnects is governed by JEDEC for automatic assembly and describes low-temperature co-fired ceramic, high-density interconnects, fan-out wafer level packaging--based AiP, and 3D-printing-based AiP.



The book includes a detailed discussion of the surface laminar circuit--based AiP designs for large-scale mm-wave phased arrays for 94-GHz imagers and 28-GHz 5G New Radios. Additionally, the book includes information on 3D AiP for sensor nodes, near-field wireless power transfer, and IoT applications. This important book:

- \* Includes a brief history of antenna-in-package technology
  - \* Describes package structures widely used in AiP, such as ball grid array (BGA) and quad flat no-leads (QFN)
  - \* Explores the concepts, materials and processes, designs, and verifications with special consideration for excellent electrical, mechanical, and thermal performance
- Written for students in electrical engineering, professors, researchers, and RF engineers, *Antenna-in-Package Technology and Applications* offers a guide to material selection for antennas and packages, antenna design with manufacturing processes and packaging constraints, antenna integration, and packaging.

SERIES: WILEY – IEEE

MAY 2020 416PP  
978-1-119-55663-3 CL \$135.00 (Japan)  
Mobile & Wireless Communications

## Digital Communication Techniques

CHRISTIAN GONTRAND

There have been considerable developments in information and communication technology. This has led to an increase in the number of applications available, as well as an increase in their variability. As such, it has become important to understand and master problems related to establishing radio links, the layout and flow of source data, the power available from antennas, the selectivity and sensitivity of receivers, etc.

This book discusses digital modulations, their extensions and environment, as well as a few basic mathematical tools. An understanding of degree level mathematics or its equivalent is a prerequisite to reading this book. Digital Communication Techniques is aimed at licensed professionals, engineers, Master's students and researchers whose field is in related areas such as hardware, phase-locked loops, voltage-controlled oscillators or phase noise.

MAY 2020 380PP  
978-1-78630-540-4 CL \$165.00 (Japan)  
Communication Technology - Networks



## Pixels and Paintings

DAVID G. STORK

Ricoh Innovations

- Presents a wide range of advanced computer imaging methods applied to the study of art
- Provides examples of use and some of the art historical lessons learned through this use
- Encourages a dialog between art historians and the computer vision community
- Highlights available software

READERSHIP: Art conservators, art historians, art educators, history students, computer image analysts and computer graphics specialists

MAY 2020 650PP  
978-0-470-22944-6 CL \$175.00 (Japan)  
Imaging Systems & Technology

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## Computer Network Security

ALI SADIQUI

Developed in collaboration with a training and certification team from Cisco, Computer Network Security is an exploration of the state-of-the-art and good practices in setting up a secure computer system. Concrete examples are offered in each chapter, to help the reader to master the concept and apply the security configuration.

This book is intended for students preparing for the CCNA Security Exam (210-260 IINS) whether at professional training centers, technical faculties, or training centers associated with the "Cisco Academy" program. It is also relevant to anyone interested in computer security, be they professionals in this field or users who want to identify the threats and vulnerabilities of a network to ensure better security.

MAY 2020 300PP  
978-1-78630-527-5 CL \$145.00 (Japan)  
Computer Engineering

## Metaheuristics for Robotics

HAMOUCHE OULHADJ, BOUBAKER DAACHI & RIAD MENASRI

This book is dedicated to the application of metaheuristic optimization in trajectory generation and control issues in robotics. In this area, as in other fields of application, the algorithmic tools addressed do not require a comprehensive list of eligible solutions to effectively solve an optimization problem. This book investigates how, by reformulating the problems to be solved, it is possible to obtain results by means of metaheuristics.

Through concrete examples and case studies - particularly related to robotics, this book outlines the essentials of what is needed to reformulate control laws into concrete optimization data.

The resolution approaches implemented, as well as the results obtained, are described in detail, in order to give, as much as possible, an idea of metaheuristics and their performance within the context of their application to robotics.

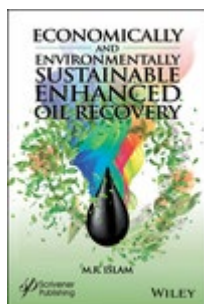
MAY 2020 200PP  
978-1-78630-380-6 CL \$120.00 (Japan)  
Computer Engineering

## エネルギー

## Economically and Environmentally Sustainable Enhanced Oil Recovery

M. R. ISLAM

There have been many books on the topic of Enhanced Oil Recovery (EOR) over the last 100 years. They all, however, focus on how to recover more oil faster, taking a rather myopic approach. The solutions presented all work fantastically in theory and even in the laboratory, but each fails to produce results in the field with long-term success. The petroleum industry is almost resigned to the belief that for an EOR technique to be successful, it must be propped up with public funds or must compromise environmental integrity. In line with modern engineering practices, previous books discuss how existing technologies can be tweaked to accommodate for any shortcomings that just came to light. This book is unlike any other book on the topic of recovery in particular and engineering in general.



This groundbreaking volume is a continuation of the author's and his research group's work that started publishing on the subject of global sustainability involving energy and the environment, dating back to early 2000s. Starting with a paradigm shift in engineering that involves a long-term focus, rather than looking for short-term solutions, the methods and theories presented here delve into applying green engineering and zero waste principles to EOR.

The book reveals how previous practices in EOR can be replaced with their sustainable versions while saving in material costs. A number of innovative technologies are introduced that can render well known technologies, such as steam flood, in situ combustion, chemical flooding, and microbial EOR environmentally sustainable and economically attractive. A triple dividend is received once these technologies are applied in otherwise marginal reservoirs, unconventional plays and even abandoned formations. The overall reserve, which reflects recoverable oil with new technologies, goes up drastically. Further benefits are drawn when processes such as value addition of waste material is performed.

Overall this book shows how EOR can be rendered green while increasing the profitability. This is in stark contrast to the past practices that considered environmental integrity as a drain on profitability. This book proves that a paradigm shift can turn a "technological disaster" into a technological marvel.

MAY 2020 810PP  
978-1-119-47909-3 CL \$279.00 (Japan)  
Fossil Fuels

## Production

WILSON C. CHIN

Charged in the 1990s with solving some of petroleum engineering's biggest problems that the industry deemed "unsolvable," the authors of this innovative new volume solved those problems, not just using a well-published math model, but one optimized to run rapidly, the first time, every time. This not only provides numerical output, but production curves and color pressure plots automatically. And each in a single hour of desk time.



Using their *Multisim* software that is featured in this volume, secondary school students at the Aldine Independent School District delivered professional quality simulations in a training program funded by some of the largest energy companies in the world. Think what you, as a professional engineer, could do in your daily work. Valuable with or without the software, this volume is the cutting-edge of reservoir engineering today, prefacing each chapter with a "trade journal summary" followed by hands-on details, allowing readers to replicate and extend results for their own applications. This volume covers Parent-Child, Multilateral Well and Fracture Flow Interactions, reservoir flow analysis, many other issues involving fluid flow, fracturing, and many other common "unsolvable" problems that engineers encounter every day. It is a must-have for every engineer's bookshelf.

SERIES: ADVANCES IN PETROLEUM ENGINEERING

MAY 2020 396PP  
978-1-119-28344-7 CL \$225.00 (Japan)  
Fossil Fuels

## Advances in Natural Gas Engineering

Volume 8

JOHN J. CARROLL, ALICE WU, MINGQIANG HAO & WEIYAO ZHU

Gas Liquids Engineering, Ltd.

This is the eighth volume in the series, *Advances in Natural Gas Engineering*, focusing on gas injection into geological formations and other related topics, very important areas of natural gas engineering. This volume includes information for both upstream and downstream operations, including chapters detailing the most cutting-edge techniques in acid gas injection, carbon capture, chemical and thermodynamic models, and much more.

Written by some of the most well-known and respected chemical and process engineers working with natural gas today, the chapters in this important volume represent the most state-of-the-art processes and operations being used in the field. Not available anywhere else, this volume is a must-have for any chemical engineer, chemist, or process engineer in the industry. *Advances in Natural Gas Engineering* is an ongoing series of books meant to form the basis for the working library of any engineer working in natural gas today.

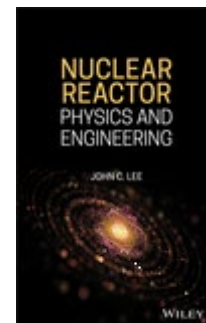
MAY 2020 380PP  
978-1-119-59206-8 CL \$235.00 (Japan)  
Natural Gas & Petroleum Products

## Nuclear Reactor Physics and Engineering

JOHN C. LEE

**An introductory text for broad areas of nuclear reactor physics**

*Nuclear Reactor Physics and Engineering* offers information on analysis, design, control, and operation of nuclear reactors. The author—a noted expert on the topic—explores the fundamentals and presents the mathematical formulations that are grounded in differential equations and linear algebra.



The book puts the focus on the use of neutron diffusion theory for the development of techniques for lattice physics and global reactor system analysis. The author also includes recent developments in numerical algorithms, including the Krylov subspace method, and the MATLAB software, including the Simulink toolbox, for efficient studies of steady-state and transient reactor configurations. In addition, nuclear fuel cycle and associated economics analysis are presented, together with the application of modern control theory to reactor operation. This important book:

- Provides a comprehensive introduction to the fundamental concepts of nuclear reactor physics and engineering
- Contains information on nuclear reactor kinetics and reactor design analysis
- Presents illustrative examples to enhance understanding
- Offers self-contained derivation of fluid conservation equations

Written for undergraduate and graduate students in nuclear engineering and practicing engineers, *Nuclear Reactor Physics and Engineering* covers the fundamental concepts and tools of nuclear reactor physics and analysis.

MAY 2020 656PP  
978-1-119-58232-8 CL \$135.00 (Japan)  
Nuclear Energy



## Sustainable Development and Energy Transition in Europe and Asia

EDITOR BERNADETTE ANDREOSSO-O'CALLAGHAN, EDITOR SAM DZEVER, EDITOR JACQUES JAUSSAUD & EDITOR ROBERT TAYLOR

Employment Correspondent for the Financial Times

Asian and European countries have adopted different approaches to the conflicting priorities of economic growth and low carbon emissions. In this volume based on the revised versions of papers presented at the 24th International Euro-Asia Research Conference held in 2019 - the contrasts between the schools of thought of each continent are explored thoroughly.

Ranging from topics as diverse as city logistics, shareholder value and management practices, the EU-Japan Economic Partnership Agreement, China's geopolitical insights, sustainable agricultural development in India and the empowerment of women in Vietnam via microfinance, this book addresses sustainable development policies in China and Southeast Asia from many different perspectives.

MAY 2020 250PP  
978-1-78630-570-1 CL \$145.00 (Japan)  
Environmental Engineering

## Solar Engineering of Thermal Processes, Photovoltaics and Wind

5th Edition

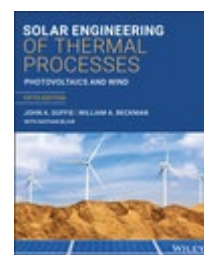
JOHN A. DUFFIE, WILLIAM A. BECKMAN & NATHAN BLAIR

University of Wisconsin-Madison; University of Wisconsin-Madison

*Solar Engineering of Thermal Processes*

is recognized as the leading solar engineering text and reference. The early chapters cover the basics of solar energy and how we get energy from the sun, then readers are introduced to technologies that harvest, store, and deliver solar energy, such as photovoltaics, solar heaters, and cells.

Applications of these technologies and how they are used in various market sectors are explored in the later chapters. This fifth edition offers in-depth guidance on the use of two key engineering software, Engineering Equation Solver (EES) and System Advisor Model (SAM), that allow for students and researchers to solve complex equations quickly and perform long-term or annual simulations. Part II will be updated to include all-new examples, performance data, and photos of solar energy applications today, and the concentrating solar power (CSP) chapter will be updated and expanded. The practice problems in the Appendix will be updated, and Instructors will have access to an updated Solutions Manual via a book companion website.



MAY 2020 944PP  
978-1-119-54028-1 CL \$160.00 (Japan)  
SOLAR ENERGY & PHOTOVOLTAICS

## 環境科学

## Does Living Green Make a Difference?

MICHAEL MANIATES

Massive environmental problems threaten our planet and evoke within us a need to act -- a need to do something, no matter how small, to slow the damage.

But what kind of action? Businesses, governments, and environmental groups tell us that buying environmentally friendly products while living more lightly on the planet is a winning strategy. If enough of us make these changes to our lifestyles, governments and corporations will follow suit. Environmental solutions will emerge and the planet will prosper.

Michael Maniates believes that individuals can and must stop environmental destruction. But not by living green. The mantra of "buy green, live lean, save the planet" is a con: it fosters pernicious assumptions about social change, separates individuals from their real power in the world, and fuels damaging consumption. It's high time to find more rewarding and promising avenues for saving the planet. This book shows us how.

SERIES: WHERE AM I?

MAY 2020 154PP  
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978-1-5095-2747-2 PB \$12.95 (Japan)  
Environmental Economics & Politics



## The Mediterranean Sea in the Era of Global Change 1

30 years of Multidisciplinary Study of the Ligurian Sea

EDITOR CHRISTOPHE MIGON, EDITOR PAUL NIVAL &amp; EDITOR ANTOINE SCIANDRA

Due to its particular characteristics, the Mediterranean Sea is often viewed as a microcosm of the World Ocean. Its proportionally-reduced dimensions and peculiar hydrological circulation render it susceptible to environmental and climatic constraints, which are rapidly evolving. The Mediterranean is therefore an ideal site to examine, in order to better understand a number of key oceanographic phenomena. This is especially true of the Ligurian Sea where, due to its geology, oceanic conditions are found close to the coast.

As such, 30 years ago, an offshore time-series site provided a fresh impetus to a long history of marine biology research, which has generated a very important body of data and knowledge. This is the first volume, in a two-volume series, that summarizes this research. Across these two books, the reader will find 13 chapters that examine the geology, physics, chemistry and biology of the Ligurian Sea - always with the goal of providing key elements of oceanography in a changing world.

MAY 2020 240PP  
978-1-78630-428-5 CL \$135.00 (Japan)  
Environmental Science

## The Mediterranean Sea in the Era of Global Change 2

30 Years of Multidisciplinary Study of the Ligurian Sea

EDITOR CHRISTOPHE MIGON, EDITOR PAUL NIVAL &amp; EDITOR ANTOINE SCIANDRA

MAY 2020 260PP  
978-1-78630-586-2 CL \$145.00 (Japan)  
Environmental Science

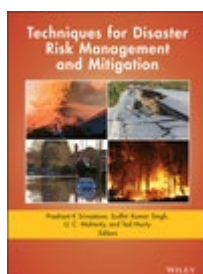
## 地球科学

**Techniques for Disaster Risk Management and Mitigation**

PRASHANT K. SRIVASTAVA, SUDHIR KUMAR SINGH, U. C. MOHANTY & TAD MURTY

**A comprehensive guide to managing and mitigating natural disasters**

Recent years have seen a surge in the number, frequency, and severity of natural disasters, with further increases expected as the climate continues to change. However, advanced computational and geospatial technologies have enabled the development of sophisticated early warning systems and techniques to predict, manage, and mitigate disasters. *Techniques for Disaster Risk Management and Mitigation* explores different approaches to forecasting disasters and provides guidance on mitigation and adaptation strategies.



Volume highlights include:

- Review of current and emerging technologies for disaster prediction
- Different approaches to risk management and mitigation
- Strategies for implementing disaster plans and infrastructure improvements
- Guidance on integrating artificial intelligence with GIS and earth observation data
- Examination of the regional and global impacts of disasters under climate variability

MAY 2020 368PP  
978-1-119-35918-0 CL \$199.95 (Japan)  
Geology & Geophysics

**Dayside Magnetosphere Interactions**

QUIGANG ZONG, PHILIPPE ESCOUBET, DAVID SIBECK, GUANLE & HUI ZHANG

**Exploring the processes and phenomena of Earth's dayside magnetosphere**

Energy and momentum transfer, initially taking place at the dayside magnetopause, is responsible for a variety of phenomenon that we can measure on the ground. Data obtained from observations of Earth's dayside magnetosphere increases our knowledge of the processes by which solar wind mass, momentum, and energy enter the magnetosphere.



*Dayside Magnetosphere Interactions* outlines the physics and processes of dayside magnetospheric phenomena, the role of solar wind in generating ultra-low frequency waves, and solar wind-magnetosphere-ionosphere coupling.

Volume highlights include:

- Phenomena across different temporal and spatial scales
- Discussions on dayside aurora, plume dynamics, and related dayside reconnection
- Results from spacecraft observations, ground-based observations, and simulations
- Discoveries from the Magnetospheric Multiscale Mission and Van Allen Probes era
- Exploration of foreshock, bow shock, magnetosheath, magnetopause, and cusps
- Examination of similar processes occurring around other planets

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

MAY 2020 320PP  
978-1-119-50963-9 CL \$199.95 (Japan)  
Geophysics

## Introduction to Paleobiology and the Fossil Record

2nd Edition

MICHAEL J. BENTON & DAVID A. T. HARPER

University of Bristol; University of Copenhagen, Denmark

This book presents a comprehensive overview of the science of the history of life. Paleobiologists bring many analytical tools to bear in interpreting the fossil record and the book introduces the latest techniques, from multivariate investigations of biogeography and biostratigraphy to engineering analysis of dinosaur skulls, and from homeobox genes to cladistics.

All the well-known fossil groups are included, including microfossils and invertebrates, but an important feature is the thorough coverage of plants, vertebrates and trace fossils together with discussion of the origins of both life and the metazoans. All key related subjects are introduced, such as systematics, ecology, evolution and development, stratigraphy and their roles in understanding where life came from and how it evolved and diversified.

Unique features of the book are the numerous case studies from current research that lead students to the primary literature, analytical and mathematical explanations and tools, together with associated problem sets and practical schedules for instructors and students.

### New to this edition

1. The text and figures have been updated throughout to reflect current opinion on all aspects.
2. Many 2000-2009 case studies have been replaced with examples from 2010-2015. In selecting case studies to illustrate the chapters, the authors have chosen examples where the story is strong and well illustrated, where the source paper is attractive and easy for enthusiastic undergraduates to read, and ideally where the work has been done by a young person, and these will be noted to show what Masters and PhD students, and young postdocs are doing.
3. The chapters on Macroevolution, Form and Function, Mass extinctions, Origin of Life, and Origin of Metazoans are entirely rewritten to reflect substantial advances that have been taking place.

MAY 2020 640PP  
978-1-119-27285-4 PB \$70.00 (Japan)  
Paleontology, Paleobiology & Geobiology



## Corruption and Fraud in Financial Markets Malpractice, Misconduct and Manipulation

CAROL ALEXANDER & DOUGLAS CUMMING

University of Sussex

**Identifying malpractice and misconduct should be top priority for financial risk managers today**

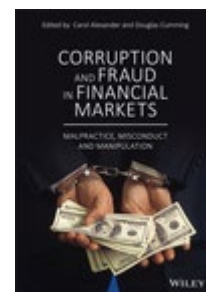
*Corruption and Fraud in Financial Markets* identifies potential issues surrounding all types of fraud, misconduct, price/volume manipulation and other forms of malpractice. Chapters cover

detection, prevention and regulation of corruption and fraud within different financial markets. Written by experts at the forefront of finance and risk management, this book details the many practices that bring potentially devastating consequences, including insider trading, bribery, false disclosure, frontrunning, options backdating, and improper execution or broker-agency relationships.

Informed but corrupt traders manipulate prices in dark pools run by investment banks, using anonymous deals to move prices in their own favour, extracting value from ordinary investors time and time again. Strategies such as wash, ladder and spoofing trades are rife, even on regulated exchanges -- and in unregulated cryptocurrency exchanges one can even see these manipulative quotes happening real-time in the limit order book. More generally, financial market misconduct and fraud affects about 15 percent of publicly listed companies each year and the resulting fines can devastate an organisation's budget and initiate a tailspin from which it may never recover.

This book gives you a deeper understanding of all these issues to help prevent you and your company from falling victim to unethical practices.

- Learn about the different types of corruption and fraud and where they may be hiding in your organisation
- Identify improper relationships and conflicts of interest before they become a problem
- Understand the regulations surrounding market misconduct, and how they affect your firm
- Prevent budget-breaking fines and other potentially catastrophic consequences



MAY 2020 500PP  
978-1-119-42177-1 CL \$85.00 (Japan)  
General Finance & Investments

## Wiley Securities Industry Essentials Exam Review 2020

John Wiley & Sons, Inc.

Created by the experts at The Securities Institute of America, Inc., Wiley Securities Industry Essentials Exam Review Study Guide 2020 arms you with what you need to score high on the test and pass the SIE Exam. Designed to let you build and fine-tune your knowledge of all areas covered and guarantee that you're prepared mentally and strategically to take the test.

MAY 2020 432PP  
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GENERAL FINANCE & INVESTMENTS

## Valuation

Measuring and Managing the Value of Companies

7th Edition

MCKINSEY & COMPANY INC.

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

SERIES: WILEY FINANCE

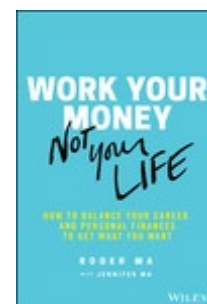
MAY 2020 848PP  
978-1-119-61246-9 CL \$200.00 (Japan)  
Institutional & Corporate Finance

## Work Your Money, Not Your Life

How to Balance Your Career and Personal Finances to Get What You Want

ROGER MA & JENNIFER MA

**Your all-in-one guide to getting your career and finances in order -- for greater clarity, happiness, and peace of mind.**



Studies show that if you're like the majority of young professionals, you feel dissatisfied with your job, your finances, or your overall station in life. It can seem impossible to disentangle the work stuff, the money stuff, and the personal stuff, because they're all inextricably linked. But the good news is, you don't have to go at it alone: *Work Your Money, Not Your Life* is your all-in-one guide to achieving both your career and financial goals so that you can get where you want to be.

In his debut book, Roger Ma, an award-winning financial planner and a publisher strategist at Google, offers secrets on how you can craft a meaningful career, gain financial comfort, and achieve a greater sense of purpose. And the premise behind it all is this: money affects every part of our lives. Simply by sorting out your personal finances (and it isn't as bad as it sounds!), you can build a foundation from which you'll be able to find the right career path, visualize your desired lifestyle, and turn your dreams into a reality.

You'll learn how to:

- Relieve yourself of the work, money, and personal stressors that keep you up at night
- Dispel the job myths that are preventing you from a more rewarding career
- Apply the fundamentals of personal finance to your unique situation, without all the confusing jargon
- Prioritize and balance your career and money needs through exercises and easy-to-use templates, launching yourself on the path to the life satisfaction you desire

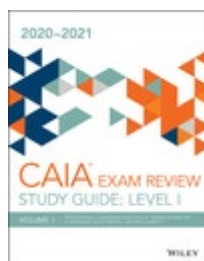
When the life you're living and the life you want to live don't match up, everything feels off balance. Where do you begin trying to connect the dots? Start with this book. Through accessible, practical advice, you'll learn the career and financial strategies you need to live the life you deserve.

MAY 2020 288PP  
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Personal Finance

## Wiley Study Guide for 2020-2021 Level I CAIA Exam: Complete Set (print)

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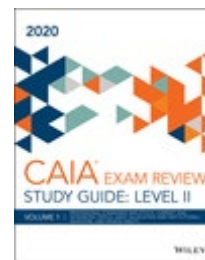
MAY 2020  
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General Finance & Investments



## Wiley Study Guide for 2020 Level II CAIA Exam: Complete Set (print)

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## Wiley Study Guide for 2020-2021 Level I CAIA Exam Volume 1

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## Wiley Study Guide for 2020 Level II CAIA Exam Volume 2

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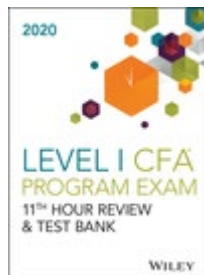
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## Wileys Level I CFA Program 11th Hour Guide + Test Bank 2020

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*Wiley's 11th Hour Guide and Test Bank* for the 2020 Level I CFA Program exam compacts all readings tested on the 2020 CFA exam into one portable volume. Organized in order, this bestselling guide has helped thousands of candidates from over 100 countries pass the CFA exam. Designed to boil it all down to the crucial concepts, formulas and rules, this guide ensures candidates are familiar with the most important testable information. Wiley's 11th Hour Review Guide condenses each reading down to two to five pages. This comprehensive guide complements Wiley's CFA Program Exam Study Guides, sold separately, but may be used with any review course. The Test Bank features more than 4,000 multiple choice questions, with rationales and full explanation for the multiple-choice questions.

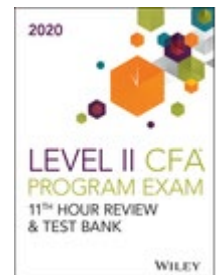


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Personal Finance / Financial Advising

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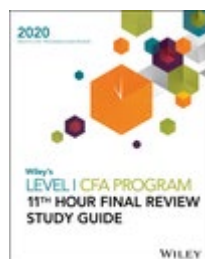


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Personal Finance / Financial Advising

## Wiley's Level I CFA Program 11th Hour Final Review Study Guide 2020

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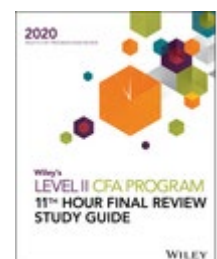
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Personal Finance / Financial Advising

## Wiley's Level III CFA Program 11th Hour Final Review Study Guide 2020

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Wiley's 11th Hour Final Review Guide for 2020 Level III CFA Exam compacts all readings tested on the 2020 CFA exam into one portable volume. Organized in order, this best-selling guide has helped thousands of candidates from over one-hundred countries pass the CFA exam.



Designed to boil it all down to the crucial concepts, formulas and rules, this guide ensures candidates are familiar with the most important testable information. It's difficult to go over multiple books in the last few weeks before the exam, so Wiley's 11th Hour Review Guide does the work for you--condensing each reading down to two- to five pages. Enter the exam room with confidence and reinforce your knowledge and preparation! This comprehensive guide complements Wiley's CFA Study Guides sold separately but may be used with any review course. An effective, efficient study guide, this book prepares you to reach the next level in your career.

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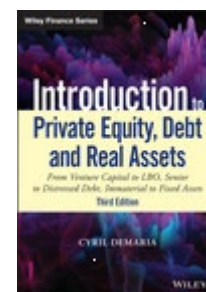
## Introduction to Private Equity, Debt and Real Assets

From Venture Capital to LBO, Senior to Distressed Debt, Immaterial to Fixed Assets, 3rd Edition

CYRIL DEMARIA

**Fully revised and updated to reflect changes in the private equity sector**

Building on and refining the content of previous editions, *Introduction to Private Equity, Debt and Real Assets, Third Edition* adopts the same logical, systematic, factual and long-term perspective on private markets (private equity, private debt and private real assets) combining academic rigour with extensive practical experience.



The content has been fully revised to reflect developments and innovations in private markets, exploring new strategies, changes in structuring and the drive of new regulations. New sections have been added, covering fund raising and fund analysis, portfolio construction and risk measurement, as well as liquidity and start-up analysis. In addition, private debt and private real assets are given greater focus, with two new chapters analysing the current state of these evolving sectors.

- \* Reflects the dramatic changes that have affected the private market industry, which is evolving rapidly, internationalizing and maturing fast
  - \* Provides a clear, synthetic and critical perspective of the industry from a professional who has worked at many levels within the industry
  - \* Approaches the private markets sector top-down, to provide a sense of its evolution and how the current situation has been built
  - \* Details the interrelations between investors, funds, fund managers and entrepreneurs
- This book provides a balanced perspective on the corporate governance challenges affecting the industry and draws perspectives on the evolution of the sector.

SERIES: WILEY FINANCE

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FINANCE & INVESTMENTS SPECIAL TOPICS



## The LegalTech Book

The Legal Technology Handbook for Investors, Entrepreneurs and FinTech Visionaries

EDITOR-IN-CHIEF SUSANNE CHISHTI, EDITOR SOPHIA ADAMS BHATTI, EDITOR AKBER DATOO & EDITOR DRAGO INDJIC

Written by prominent thought leaders in the global fintech investment space, The LegalTech Book aggregates diverse expertise into a single, informative volume. Key industry developments are explained in detail, and critical insights from cutting-edge practitioners offer first-hand information and lessons learned. Coverage includes:



- The current status of LegalTech, why now is the time for it to boom, the drivers behind it, and how it relates to FinTech, RegTech, InsurTech and WealthTech
- Applications of AI, machine learning and deep learning in the practice of law; e-discovery and due diligence; AI as a legal predictor
- LegalTech making the law accessible to all; online courts, online dispute resolution
- The Uberization of redundant?
- Cryptocurrencies, distributed ledger technology and the law
- The Internet of Things, data privacy, automated contracts
- Cybersecurity and data
- Technology vs. the law; driverless cars and liability, legal rights of robots, ownership rights over works created by technology
- Legislators as innovators

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Finance & Investments Special Topics

## 食品科学

## Bailey's Industrial Oil and Fat Products 7th Edition

EDITOR FEREIDOON SHAHIDI, MEMORIAL UNIVERSITY OF NEWFOUNDLAND, CANADA

Memorial University of Newfoundland



First published in 1945, Bailey's has become the standard reference on the food chemistry and processing technology related to edible oils and the nonedible by-products derived from oils.

The 7th edition of this exhaustively comprehensive bible of oils and fats processing has been fully updated and revised throughout to reflect the latest industry trends and technical developments. The 75 chapters and six volumes of the 6th edition (published in 2005) have now been expanded to 114 chapters over seven volumes, including a brand new volume dedicated to lipids and health. This reflects the ever increasing emphasis on the link between diet and health, and the need to combat chronic health conditions through healthier food product choices.

Other new topics covered include polar lipids; analysis of lipid triacylglycerols; camelina and other high alpha-linolenic acid oils; medium-chain oils; sterols and waxes; fats and oils in fish feed formulation; new zero trans formulations and marine oils as biodiesel.

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Oils & Fats

## 地理学

**Natural Gas**

MICHAEL J. BRADSHAW & TIM  
BOERSMA

University of Birmingham, UK

READERSHIP: Undergraduate  
students taking relevant courses in  
politics, geography, environmental  
studies, energy, and related  
disciplines.

SERIES: RESOURCES

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978-0-7456-5998-5 PB \$22.95 (Japan)  
Political Geography



## 公衆衛生

**New Territories in Health**

EDITOR ISABELLE PAILLIART

The third volume in the “Health Information” set, *New Territories in Health* focuses on the multifaceted spheres of influence or “territories” in the field of health.

This book includes nine contributions, based on the analysis of stakeholder logics, that approach the relationships between health and territories. The authors - all specialists - offer original insights, enhanced by in-depth studies, on the multiple forms that this territorialization takes: political and institutional, professional and organizational, public and media.

MAY 2020 220PP  
978-1-78630-520-6 CL \$135.00 (Japan)  
Health & Social Care

## 歴史

**The History of Texas, 6th Edition**

ROBERT A. CALVERT, ARNOLDO DE LEON &amp; GREGG CANTRELL

Angelo State University; University of North Texas

**The most comprehensive, best-illustrated survey of the Lone Star State--the new, updated edition of the classic text**

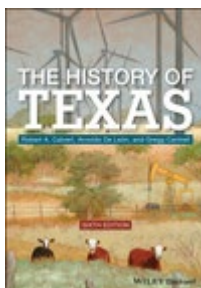
*The History of Texas* offers a sweeping exploration of the Lone Star State, covering its history from the pre-Columbian period, to the era of Spanish control, to nineteenth century watershed events, through the 1900s and into the new millennium. This engaging, student-friendly textbook looks at how people of diverse politics, identity, class, ethnicity, and race shaped the state's past and continue to influence its present. Recent knowledge on the political, social, and cultural history of Texas provides insights on the celebrated figures, unsung heroes, and ordinary people of the state's past.

The sixth edition of this classic text has been revised and updated to reflect the latest scholarship in all fields of Texas history, among them New Indian History and cultural and gender studies. The text offers fresh perspectives on Texas history, including discussions of the Progressive Era, the Great Depression, the Second World War and post-war modernization, and the state's transition during the 1960s and into the 1980s. Revised chapters provide wide-ranging coverage of Texas in the late 20<sup>th</sup> and early 21<sup>st</sup> centuries, including recent statewide and national elections and political debates. This textbook:

- Connects events in post-World War II Texas to the larger U.S. historical narrative
- Offers substantial coverage of events occurring from 1900 to 2018
- Uses a chronological approach to divide chapters into easily identifiable eras
- Includes engaging illustrations, maps, and tables, an appendix, and inclusive lists of recommended readings
- Features online resources for students and instructors, including a test bank, maps, presentation slides, and more

Effectively organized to better meet the needs of instructors, *The History of Texas* is the ideal resource for undergraduate and graduate courses in Texas history at colleges and universities across both the state and the nation.

MAY 2020 560PP  
978-1-119-58143-7 PB \$58.25 (Japan)  
REGIONAL AMERICAN HISTORY

**The Wiley Blackwell Companion to the Holocaust**

SIMONE GIGLIOTTI &amp; HILARY EARL

Victoria University of Wellington; Nipissing University

**Provides a cutting-edge, nuanced, and multi-disciplinary picture of the Holocaust from local, transnational, continental, and global perspectives**

Holocaust Studies is a dynamic field that encompasses discussions on human behavior, extremity, and moral action. A diverse range of disciplines -- history, philosophy, literature, social psychology, anthropology, geography, amongst others -- continue to make important contributions to its scholarship.

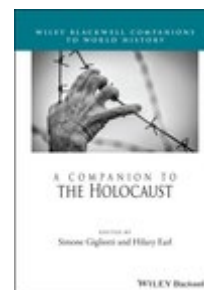
*A Companion to the Holocaust* provides exciting commentaries on current and emerging debates and identifies new connections for research. The text incorporates new language, geographies, and approaches to address the precursors of the Holocaust and examine its global consequences. A team of international contributors provides insightful and sophisticated analyses of current trends in Holocaust research that go far beyond common conceptions of the Holocaust's causes, unfolding and impact.

Scholars draw on their original research to interpret current, agenda-setting historical and historiographical debates on the Holocaust. Six broad sections cover wide-ranging topics such as new debates about Nazi perpetrators, arguments about the causes and places of persecution of Jews in Germany and Europe, and Jewish and non-Jewish responses to it, the use of forced labor in the German war economy, representations of the Holocaust witness, and many others.

*A Companion to the Holocaust* is an essential resource for students and scholars of European, German, genocide, colonial and Jewish history, as well as those in the general humanities.

SERIES: WILEY BLACKWELL COMPANIONS TO WORLD HISTORY

MAY 2020 608PP  
978-1-118-97052-2 CL \$202.75 (Japan)  
9781119270102 PB \$45.00 (Japan) NYP, NOV.2025  
20th Century & Contemporary European History



## ホスピタリティ

## The Tourist Places of the World

PHILIPPE VIOLIER &amp; BENJAMIN TAUNAY

Formerly a largely Western practice, “leisure travel” is today the most dynamic industry in the world in terms of growth. Developments in transport and communication systems mean tourism is now an integral part of our understanding of the world, and involved in the exponential increase of links between societies and different cultures.

The Tourist Places of the World has comprehensive data on the number of international visitors annually. It also includes an original map, not dictated by country, but by major tourist areas and places. The hierarchy of destinations drawn is highlighted by the different levels of popularity and passenger flows; from the universal places where all societies meet to the still unfrequented places. Beyond the recognition of global tourism, the challenge is to understand how and why societies can achieve a better life through sustainable development, which encompasses social, economic and environmental dimensions.

MAY 2020 350PP  
978-1-78630-435-3 CL \$165.00 (Japan)  
Travel & Tourism

## Trans America

## A Counter-History

BARRY REAY

University of Auckland

READERSHIP: The trans community, as well as those interested in sexuality studies, contemporary history, psychology, psychiatry, sociology, and media studies.



MAY 2020 256PP  
978-1-5095-1178-5 CL \$69.95 (Japan)  
978-1-5095-1179-2 PB \$24.95  
History of Science & Medicine

## Smells

## A Cultural History of Odours in Early Modern Times

ROBERT MUCHEMBLED & TRANSLATOR  
SUSAN PICKFORD

University of Paris

READERSHIP: Students and scholars of history and cultural studies; students in women's studies; a general readership interested in history, especially early modern European history



MAY 2020 260PP  
978-1-5095-3677-1 CL \$69.95 (Japan)  
978-1-5095-3678-8 PB \$24.95 (Japan)  
History Special Topics

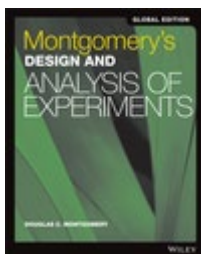
## エンジニアリング

**Montgomery's Design Analysis Experiments Global Edition**

DOUGLAS C. MONTGOMERY, UNITED STATES

Georgia Institute of Technology

**Montgomery's Design and Analysis of Experiments** continues to help students in engineering, business, and statistics—as well as working practitioners—to design and analyze experiments for improving the quality, efficiency and performance of working systems.



This bestselling text maintains its comprehensive coverage by including: new examples, exercises, and problems (including in the areas of biochemistry and biotechnology); new topics and problems in the area of response surface; new topics in nested and split-plot design; and the residual maximum likelihood method is now emphasized throughout the book.

MAY 2020 UnknownPP  
978-1-119-45167-9 PB \$62.00 (Japan)  
General & Introductory Industrial Engineering

TEXT

**Integrating Sustainability Into Major Projects**

Best Practices and Tools for Project Teams

WAYNE MCPHEE &amp; SABRINA M. DIAS

**A practitioner-focused guide featuring tools, models, and experience from the front lines of sustainability management on major projects**



With the growing need for sustainability management on large resource, infrastructure and power projects, this book provides project teams and sustainability practitioners with the practical advice, tools, and resources they need to create better projects. It offers extensive guidance for integrating sustainability into project design, planning and delivery. In each chapter, the authors provide invaluable sustainability management strategies and sample tools for project execution plans, engineering decision-making, stakeholder engagement tracking, logging commitments and follow-up actions, permit tracking, and construction management. *Integrating Sustainability into Major Projects: Best Practices and Tools for Project Teams* begins by introducing readers to the topic, as well as the common terminology. It then offers readers an overview of major projects, covering types of projects and project structures, the key players, and how to understand and manage different perspectives of time and space. Next, it looks at standards and guidelines, followed by chapters on: Project Management; Managing Risk and Opportunity; Sustainability Management Tools; Approvals and Permits; Design; Procurement; Construction Management; Commissioning; and more.

*Integrating Sustainability into Major Projects* provides the tools project teams need to successfully integrate sustainability into project design and management, making it an ideal tool for project teams and sustainability practitioners working on major resource, power, or infrastructure projects. It will also benefit project owners, organizational leaders, project finance professionals, government regulators and graduate students in engineering, project management, sustainability management, or environmental design and architecture.

MAY 2020 272PP  
978-1-119-55790-6 CL \$95.00 (Japan)  
Industrial Engineering / Project Management

## Mathematical Modeling of Random and Deterministic Phenomena

SOLYM MAWAKI MANOU-ABI, SOPHIE DABO-NIANG & JEAN-JACQUES SALONE

This book highlights mathematical research interests that appear in real life, such as the study and modeling of random and deterministic phenomena. As such, it provides current research in mathematics, with applications in biological and environmental sciences, ecology, epidemiology and social perspectives.

The chapters can be read independently of each other, with dedicated references specific to each chapter. The book is organized in two main parts. The first is devoted to some advanced mathematical problems regarding epidemic models; predictions of biomass; space-time modeling of extreme rainfall; modeling with the piecewise deterministic Markov process; optimal control problems; evolution equations in a periodic environment; and the analysis of the heat equation. The second is devoted to a modelization with interdisciplinarity in ecological, socio-economic, epistemological, demographic and social problems.

Mathematical Modeling of Random and Deterministic Phenomena is aimed at expert readers, young researchers, plus graduate and advanced undergraduate students who are interested in probability, statistics, modeling and mathematical analysis.

MAY 2020 350PP  
978-1-78630-454-4 CL \$165.00 (Japan)  
Mathematics & Statistics/K-12

## ライフスタイル

## Cooking Basics For Dummies, 5th Edition

MARIE RAMA & BRYAN MILLER

- Set up your space for cooking success
- Master basic techniques, such as boiling, grilling, and more
- Prepare more than 140 simple dishes



### Your go-to guide for success in the kitchen

Ready to do more than boil water? *Cooking Basics For Dummies* will help you expand your skills and develop your confidence in the kitchen. With simple instructions and a fun-and-friendly tone, this cookbook shows you how to prepare everything—from traditional dishes to the latest popular foods, and from brilliant breakfasts to delectable desserts. Whether you're looking to make dinner in a pinch or crafting a dish for a special occasion, you'll find everything you need to start creating delicious, healthy meals.

### Inside...

- More than 140 recipes to try
- Essential tools and equipment
- The lowdown on baking, sautéing, and steaming
- How to stock your pantry and fridge with the right ingredients
- Chefs' secrets that will have you cooking like a pro

MAY 2020 464PP  
978-1-119-69677-3 PB \$22.99 (Japan)  
COOKING



## Instant Pot Cookbook For Dummies

WENDY JO PETERSON & ELIZABETH SHAW

Over 100 Quick and Easy Recipes

Wondering how get the most out of your Instant Pot or your favorite multi-cooker? This one-of-a-kind guide will walk you through what you need to know to start cooking with your Instant Pot today. It covers what you can cook to setting functions to keeping your pot looking (and smelling!) like new, plus what will happen step-by-step through the cooking process. You will also get over 100 tasty, family-friendly recipes for making delicious mains, appetizers, sides, breakfasts, and desserts--in a flash.

Inside, you'll get the lowdown on getting to know your pot and all its features. Discover all that you and your Instant Pot can achieve, from cooking fluffy rice, beans from scratch, and creating roasts, soups, vegetarian, Mediterranean, Keto, and Indian dishes, to making homemade yogurt, baby food, and decadent desserts.

- Prep, set it, and go
- Compatible with Instant Pot models and brands like Ninja All-in-One Multi-Cooker
- Get hours back in your day
- Save time without losing flavor
- Baby-friendly recipes

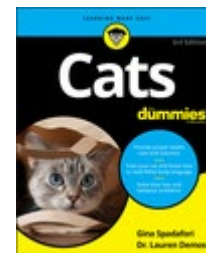
Includes recipes to suit the entire family, including baby-friendly, keto, gluten free and vegan options created by two dietitians! Now you can serve up home-cooked meals in a fraction of the time of a slow cooker--without feeling guilty about not spending a lot of time in your kitchen.

MAY 2020 272PP  
978-1-119-64140-7 PB \$22.99 (Japan)  
Cooking

## Cats For Dummies, 3rd Edition

GINA SPADAFORI

**Everything you need to take care of your feline friend**



Cats are the purrfect pets: they're relatively easy to care for, a blast to play with, and sure to win the heart of every member of your family with their loving nature--and sometimes sassy demeanor!

*Cats For Dummies* gives you expert insight into everything from cat behavior to what makes each type of feline unique. With this easy-to-understand guide, you'll be able to tackle those tough cat-astrophes from dealing with problem behaviors like scratching the furniture and missing the litter box--all while learning to understand what your cat is trying to tell you.

- Happily bring a cat or kitten into your life
- Keep your new four-legged family member comfortable and safe
- Live a happy feline-friendly life
- Keep your cat in prime health

Whether you're looking to get your first kitten or adopt a senior cat, this book covers all the basics of feline cat care.

JUNE 2020 408PP  
978-1-119-64626-6 PB \$22.99 (Japan)  
PET CARE / CATS

## Knitting and Crocheting All-in-One For Dummies

PAM ALLEN, SHANNON OKEY, TRACY L. BARR, INDIANAPOLIS, UNITED STATES, MARLY BIRD, SUSAN BRITTAİN, KAREN MANTHEY & KRISTI PORTER

**The patterns and instruction you need to start crocheting and knitting today!**

Knitting and crocheting go hand-in-hand and are the most popular yarn crafts today. This one-stop guide to all things needles, hooks, and yarn will give you everything you need to know to get started knitting or crocheting.



The book covers absolute basics such as selecting yarn, casting on, and even how to hold the tools and yarn, to understanding stitches, checking gauge, and deciphering patterns. Hundreds of projects, from beginner to advanced, include complete, step-by-step instructions as well as detailed illustrations and photos, and instructional videos online. It includes content from:

- *Knitting For Dummies*
- *Knitting Patterns For Dummies*
- *Crocheting For Dummies*
- *Crochet Patterns For Dummies*

Get started today and you'll be knitting and crocheting like a champ in no time!

MAY 2020 UnknownPP  
978-1-119-65293-9 PB \$29.99 (Japan)  
Hobbies & Crafts

## ライフサイエンス

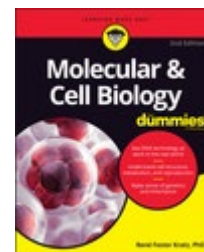
## Molecular & Cell Biology For Dummies

2nd Edition

RENE FESTER KRATZ, EVERETT

**Your insider guide to the stuff of life**

3.8 billion years old and counting, there's more than a little to know about the fundamentals of how life works. This friendly guide takes you from the primordial soup to the present, explaining how specialized cells have given rise to everything living, from the humblest amoeba to walking, talking human beings. Whether you're enrolled in a cell or molecular biology course and need a straightforward overview, or are just curious about the latest advances, this fully updated edition is your all-access ticket to our inner world.



*Molecular & Cell Biology For Dummies* decodes jargon and theories that can tax even the most devoted student. It covers everything from basic principles to how new technology, genetic testing, and microarray techniques are opening up new possibilities for research and careers. It also includes invaluable tips on how to prepare for--and ace--your exams!

- Explore the structure and function of the cells--and find out why cellular context is crucial to the study of disease
- Discover how molecular biology can solve world problems
- Understand how DNA determines traits and is regulated by cells
- Enhance your knowledge and results with online resources and study tips

From microscopic details to macro concepts, this book has something for you.

MAY 2020 UnknownPP  
978-1-119-62040-2 PB \$22.99 (Japan)  
GENERAL & INTRODUCTORY LIFE SCIENCES

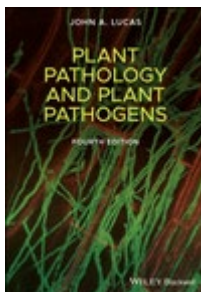
## Plant Pathology and Plant Pathogens

4th Edition

JOHN A. LUCAS

### An updated guide to plant pathogens and their management

The impact of plant disease is far-reaching. Its effects are felt not only in the spheres of agriculture and horticulture, but also in human health and wellbeing. The challenges of population growth, climate change and global food security all increase the need to protect crops from disease and reduce the losses caused by plant pathogens. This requires ongoing research and novel solutions, making the detailed analysis offered by *Plant Pathology and Plant Pathogens* more relevant than ever.



Striking a balance between laboratory- and field-based aspects of its subject, this revised fourth edition of the text places plant disease in a wide biological context. Its contents cover causal agents and diagnosis, host-pathogen interactions, and disease management, including breeding for resistance, chemical, biological and integrated control. New to this edition are updated sections on molecular epidemiology, biosecurity, pathogenomics, and the biotechnological advances that are helping scientists make great strides in the fight against plant disease.

- Authored by a leading authority on plant pathology
- Offers new coverage of recent advances in molecular genetics and genomics, biotechnology, and plant breeding
- Places emphasis on interaction biology and biological concepts, such as immunity and comparisons with animal systems
- Includes access to a supplementary website featuring slides of all figures in the book

*Plant Pathology and Plant Pathogens* is an ideal textbook for graduate and upper-level undergraduate students in biology, botany, agricultural sciences, applied microbiology, plant-microbe interactions, and related subjects. It will also be a practical and enlightening resource for professionals in agricultural institutions, along with crop consultants seeking additional training or information.

MAY 2020 384PP  
978-1-118-89386-9 PB \$90.00 (Japan)  
Plant Science

## In the Presence of Schopenhauer

MICHEL HOUELLEBECQ & ANDREW BROWN

READERSHIP: Anyone interested in the books of Michel Houellebecq and in contemporary literature

MAY 2020 100PP 978-1-5095-4324-3 CL \$45.00 (Japan)  
978-1-5095-4325-0 PB \$12.95 (Japan)  
Literature Special Topics

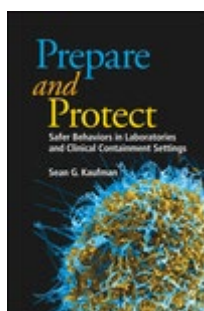
## メディカル・サイエンス

**Prepare and Protect**

Safer Behaviors in Laboratories and Clinical Containment Settings

SEAN G. KAUFMAN

Biological safety is a critical requirement when working with or around infectious disease agents. To prevent exposures and keep staff and patients safe, laboratories and health care facilities rely on personal protective equipment, standard operating procedures (SOPs), and engineering controls. In an instant, however, a single inappropriate human behavior can negate any of these safeguards.



This reference provides an important call to action for anyone who relies on safety plans to consider carefully the humans who must follow those plans. Written by an expert in behavioral biosafety training, **Prepare and Protect** offers a common-sense program for addressing and reducing the risk factors of human behavior. Learn how to

- Examine the safety culture of your organization and its approach to risk
- Motivate the compliance, adherence to rules, and community thinking that keep everyone safe
- Evaluate, validate, and verify SOPs and staff competence
- Create safety plans and safety training programs that connect outcomes to behaviors
- Provide leadership that translates the containment philosophy from words to actions

The critical message of this book is illustrated and enriched by personal accounts from infectious disease pioneers, from lab safety directors and trainers to the researchers and health care workers directly affected by infectious hazards.

If your work involves pathogenic microbes--whether treating patients in a hospital emergency department or conducting research in a biosafety level 2 or higher laboratory--or overseeing those who do these jobs, this resource will teach you how to develop a culture of biosafety through behavior.

SERIES: ASM BOOKS

MAY 2020 272PP  
978-1-68367-014-8 CL \$130.00 (Japan)  
Microbiology

**Therapeutic Progress in Oncology**

Towards a Revolution in Cancer Therapy?

JACQUES BARBET, ADRIEN FOUCQUIER & YVES THOMAS

The combined effects of population growth and aging have led to an increase in the number of cancers. Preventing, diagnosing, treating and curing cancer are therefore, more than ever, imperatives facing medicine - especially to continue the decrease in cancers' mortality rates and to improve the quality of survival.

Over time, the "classic" modes of treatment (surgery, external beam radiotherapy, chemotherapy) have become more refined and efficient. From the beginning of this century, new therapeutic options have been developed: targeted cancer therapy, targeted radionuclide therapy and immunologic therapies based on monoclonal antibodies, cellular therapy and vaccinations. Artificial intelligence and machine learning are also being introduced to the field of oncology.

Starting with the basic scientific principles relevant to oncology, this book explains and makes these concepts and innovations accessible to a wide audience - especially in the interest of patients. It also contributes to the oncological field of 4P medicine with 4P standing for predictive, preventive, personalized and participative.

MAY 2020 202PP  
978-1-78630-493-3 CL \$135.00 (Japan)  
Oncology & Radiotherapy

## Clinical Medical Imaging Physics

Current and Emerging Practice

EHSAN SAMEI & DOUGLAS E. PFEIFFER

**Clinical Medical Imaging Physics** is based on a course offered at the Radiological Society of North America meeting that is as popular with radiologists as it is with medical imaging physicists. It is the first resource of its kind to address the expanding role of clinical medical physics in radiology and imaging centers around the world. There are several successful texts that address the science and technology of medical imaging. These include Wiley's best-selling Hendee books, **Radiation Therapy Physics** and **Medical Imaging Physics**. However, until now there have been no single-source references that offer both the clinical medical physicist and the radiologist a concise, comprehensive resource that addresses the clinical practice and application of medical physics in imaging. **Clinical Medical Imaging Physics** addresses this glaring deficiency in the reference literature. **Clinical Medical Imaging Physics** will surely be recognized as the classic reference for the application of medical physics in clinical medical imaging. The book not only provides a single reference for the existing practice of medical physics, but also addresses the growing need to establish an updated approach to clinical medical imaging physics in light of new realities in healthcare practice, such as the expanding role of clinical medical physics and new non-classical challenges of technologies and operational issues in radiology practice.

The book is designed as a daily clinical and lab reference and could easily be deployed as a textbook for graduate courses in medical imaging physics. Both medical physicists and radiology residents will also find the book useful as a study review for their respective board exams.

JUNE 2020 UnknownPP  
978-1-118-75345-3 CL \$99.95 (Japan)  
Radiology & Imaging

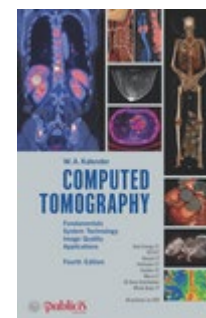
## Computed Tomography

Fundamentals, System Technology, Image Quality, Applications

4th Edition

WILLI A. KALENDER

The book is intended for all those who work daily, regularly or even occasionally with CT - physicians, engineers, technicians and physicists, as well as students learnig about CT. Written by one of the world's leading experts, it offers a comprehensive description of the theoretical and technical system fundamentals of computed tomography (CT) for a wide readership, from conventional



single-slice acquisitions to volume acquisition with multi-slice and cone-beam spiral CT. It covers in detail all characteristic parameters relevant for image quality and all performance features significant for clinical application. Readers will thus be informed how to use a CT system to an optimum depending on the different diagnostic requirements. This includes a detailed discussion about the dose required and about dose measurements as well as how to reduce dose in CT. All considerations pay special attention to spiral CT and to developments towards advanced multi-slice and cone-beam CT.

For the fourth edition, latest topics like breast CT and automatic exposure control have been added. A glossary describes important technical terms in alphabetical order.

The enclosed DVD offers of all figures in the book and attractive case studies, including many examples from most recent 64-slice acquisitions, and interactive exercises for image viewing and manipulation.

MAY 2020 388PP  
978-3-89578-471-2 CL \$85.00 (Japan)  
RADIOLOGY & IMAGING

## Essentials of MRI Safety

DONALD MCROBBIE

*Essentials of MRI Safety* is a comprehensive guide that enables practitioners to recognise and assess safety risks and follow appropriate and effective safety procedures in clinical practice. The text covers all the vital aspects of clinical MRI safety, including the bio-effects of MRI, magnet safety, occupational exposure, scanning passive and active implants, MRI suite design, institutional governance, and more.

Complex equations and models are stripped back to present the foundations of theory and physics necessary to understand each topic, from the basic laws of magnetism to fringe field spatial gradient maps of common MRI scanners. Written by an internationally recognised MRI author, educator, and MRI safety expert, this important textbook:

- Reflects the most current research, guidelines, and MRI safety information
- Explains procedures for scanning pregnant women, managing MRI noise exposure, and handling emergency situations
- Prepares candidates for the American Board of MR Safety exam and other professional certifications
- Aligns with MRI safety roles such as MR Medical Director (MRMD), MR Safety Officer (MRSO) and MR Safety Expert (MRSE)
- Contains numerous illustrations, figures, self-assessment tests, key references, and extensive appendices

*Essentials of MRI Safety* is an indispensable text for all radiographers and radiologists, as well as physicists, engineers, and researchers with an interest in MRI.

MAY 2020 344PP  
978-1-119-55717-3 PB  
MRI

TEXT

## 機械工学

## Control of Mechatronic Systems

Model-Driven Design and Implementation Guidelines

PATRICK O. J. KALTJOB

**A practical methodology for designing integrated automation control for systems and processes**



Implementing digital control within mechanical-electronic (mechatronic) systems is essential to respond to the growing demand for high-efficiency machines and processes. In practice, the most efficient digital control often integrates time-driven and event-driven characteristics within a single control scheme. However, most of the current engineering literature on the design of digital control systems presents discrete-time systems and discrete-event systems separately. *Control Of Mechatronic Systems: Model-Driven Design And Implementation Guidelines* unites the two systems, revisiting the concept of automated control by presenting a unique practical methodology for whole-system integration. With its innovative hybrid approach to the modeling, analysis, and design of control systems, this text provides material for mechatronic engineering and process automation courses, as well as for self-study across engineering disciplines. Real-life design problems and automation case studies help readers transfer theory to practice, whether they are building single machines or large-scale industrial systems.

- Presents a novel approach to the integration of discrete-time and discrete-event systems within mechatronic systems and industrial processes
- Offers user-friendly self-study units, with worked examples and numerous real-world exercises in each chapter
- Covers a range of engineering disciplines and applies to small- and large-scale systems, for broad appeal in research and practice
- Provides a firm theoretical foundation allowing readers to comprehend the underlying technologies of mechatronic systems and processes

*Control Of Mechatronic Systems* is an important text for advanced students and professionals of all levels engaged in a broad range of engineering disciplines.

MAY 2020 504PP  
978-1-119-50580-8 CL \$130.00 (Japan)  
Control Process & Measurements



## 材料科学

**Bioadhesives in Drug Delivery**

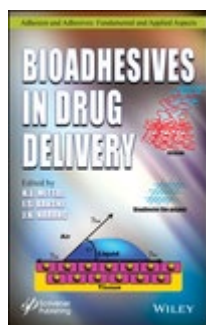
K. L. MITTAL, INDERBIR SINGH BAKSHI &amp; JASJIT KAUR NARANG

Understanding the phenomenon of bioadhesion i.e. its theories or mechanism(s) are of critical importance in developing optimum bioadhesive polymers (used in bioadhesives). Such bioadhesive polymers are the key for exhibiting the process of bioadhesion, controlled/sustained release of drugs, and drug targeting. The use of bioadhesives restricts the delivery system to the site of interest and thus offers a useful and efficient technique for targeting a drug to the desired location for a prolonged duration. This book addresses the various relevant aspects of bioadhesives in drug delivery in an easily accessible and unified manner. The book containing 12 chapters written by eminent researchers from many parts of the globe is divided into three parts: Part 1: Fundamental Aspects; Part 2: Bioadhesive Formulations; Part 3: Drug Delivery Applications.

The topics covered include: Theories and mechanisms of bioadhesion; bioadhesive polymers for drug delivery applications; methods for characterization of bioadhesiveness of drug delivery systems; bioadhesive films and drug delivery applications; bioadhesive nanoparticles; and bioadhesive hydrogels and applications ocular bioadhesive drug delivery systems; buccal bioadhesive drug delivery systems; gastrointestinal bioadhesive drug delivery systems; nasal bioadhesive drug delivery systems; vaginal drug delivery systems; pulmonary bioadhesive drug delivery systems.

SERIES: ADHESION AND ADHESIVES: FUNDAMENTAL AND APPLIED ASPECTS

MAY 2020 350PP  
978-1-119-64019-6 CL \$225.00 (Japan)  
Joining, Welding and Adhesion

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

EDITOR PASCAL RICHET

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

The *Encyclopedia of Glass Science, Technology, History, and Culture* has been designed to satisfy the needs and curiosity of a broad audience interested in the most varied aspects of material that is as old as the universe. As described in over 100 chapters and illustrated with 1100 figures, the practical importance of glass has increased over the ages since it was first man-made four millennia ago. The old-age glass vessels and window and stained glass now coexist with new high-tech products that include for example optical fibers, thin films, metallic, bioactive and hybrid organic-inorganic glasses, amorphous ices or all-solid-state batteries. In the form of scholarly introductions, the Encyclopedia chapters have been written by 151 noted experts working in 23 countries. They present at a consistent level and in a self-consistent manner these industrial, technological, scientific, historical and cultural aspects. Addressing the most recent fundamental advances in glass science and technology, as well as rapidly developing topics such as extra-terrestrial or biogenic glasses, this important guide:

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

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

MAY 2020 UnknownPP  
978-1-118-79942-0 CL \$650.00 (Japan)  
Ceramics

## Two-Dimensional Semiconductors

Synthesis, Physical Properties and Applications

JINGBO LI

Institute of Semiconductors, CAS

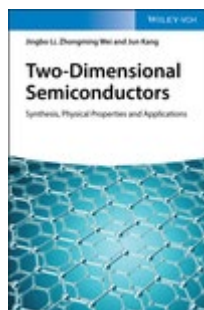
**In-depth overview of two-dimensional semiconductors from theoretical studies, properties to emerging applications!**

Two-dimensional (2D) materials have attracted enormous attention due to their exotic properties deriving from their ultrathin dimensions. 2D materials, such as graphene, transition metal dichalcogenides, transition metal oxides, black phosphorus and boron nitride, exhibit versatile optical, electronic, catalytic and mechanical properties, thus can be used in a wide range of applications, including electronics, optoelectronics and optical applications. *Two-Dimensional Semiconductors: Synthesis, Physical Properties and Applications* provides an in-depth view of 2D semiconductors from theoretical studies, properties to applications, taking into account the current state of research and development. It introduces various preparation methods and describes in detail the physical properties of 2D semiconductors including 2D alloys and heterostructures. The covered applications include, but are not limited to, field-effect transistors, spintronics, solar cells, photodetectors, light-emitting diode, sensors and bioelectronics.

- Highly topical: 2D materials are a rapidly advancing field that attracts increasing attention
- Concise overview: covers theoretical studies, preparation methods, physical properties, potential applications, the challenges and opportunities
- Application oriented: focuses on 2D semiconductors that can be used in various applications such as field-effect transistors, solar cells, sensors and bioelectronics
- Highly relevant: newcomers as well as experienced researchers in the field of 2D materials will benefit from this book

*Two-Dimensional Semiconductors: Synthesis, Physical Properties and Applications* is written for materials scientists, semiconductor and solid state physicists, electrical engineers, and readers working in the semiconductor industry.

MAY 2020 208PP  
978-3-527-34496-3 CL \$150.00 (Japan)  
Electronic Materials



## ナノテクノロジー

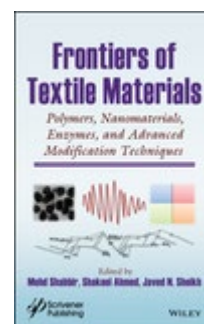
## Frontiers of Textile Materials

Polymers, Nanomaterials, Enzymes, and Advanced Modification Techniques

MOHD SHABBIR, SHAKEEL AHMED & JAVED N. SHEIKH

The book "Frontiers of Textile Materials" will deal with the important materials that can be utilized for value-addition and functionalization of textile materials. The topics covered in this book includes the materials like enzymes, polymers, etc. that are utilized for conventional textile processing and the advanced materials like nanoparticles which are expected to change the horizons of textiles. The futuristic techniques for textile processing like plasma are also discussed.

MAY 2020 368PP  
978-1-119-62037-2 CL \$225.00 (Japan)  
Nanomaterials



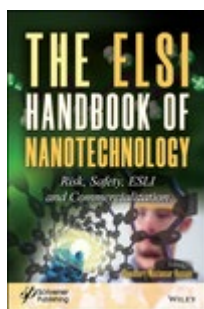
## The ESLI Handbook of Nanotechnology

Risk, Safety, ESLI and Commercialization

CHAUDHRY MUSTANSAR HUSSAIN

NJIT, Dept of Chemistry and Environmental Sciences

This Handbook focuses on the recent advancements in Safety, Risk, Ethical Society and Legal Implications (ESLI) as well as its commercialization of nanotechnology, such as manufacturing. Nano is moving out of its relaxation phase of scientific route, and as new products go to market, organizations all over the world, as well as the general public, are discussing the environmental and health issues associated with nanotechnology. Nongovernmental science organizations have long since reacted; however, now the social sciences have begun to study the cultural portent of nanotechnology. Societal concerns and their newly constructed concepts, show nanoscience interconnected with the economy, ecology, health, and governance. This handbook addresses these new challenges and is divided into 7 sections: Nanomaterials and the Environment; Life Cycle Environmental Implications of Nanomanufacturing; Bioavailability and Toxicity of Manufactured Nanoparticles in Terrestrial Environments; Occupational Health Hazards of Nanoparticles; Ethical Issues in Nanotechnology; Commercialization of Nanotechnology; Legalization of Nanotechnology.



MAY 2020 480PP  
978-1-119-59160-3 CL \$245.00 (Japan)  
Environmental and Safety Aspects of Nanotechnology

## ナーシング

## The Royal Marsden Manual of Clinical Nursing Procedures

10th Edition, Professional Edition

EDITOR SARA LISTER, EDITOR JUSTINE HOFLAND & EDITOR HAYLEY GRAFTON

Assistant Chief Nurse (Research, Practice and Professional Development) / Head of School of Cancer Nursing and Rehabilitation, The Royal Marsden Hospital

Now in its tenth edition, *The Royal Marsden Manual of Clinical Nursing Procedures* has been the definitive, market-leading guide to clinical nursing skills for over three decades. This internationally best-selling title sets the gold standard for nursing care; providing the procedures, rationale, and guidance required by qualified nurses to deliver clinically effective, patient-focused care with expertise and confidence.



With over two-hundred detailed procedures, this comprehensive manual presents the evidence and underlying theory alongside full-colour illustrations and photographs, and includes coverage of infection prevention and control, perioperative care, wound management, nutrition, diagnostic testing, discharge, medicines management, and much more. Loved and trusted by millions for over thirty years, *The Royal Marsden Manual of Clinical Nursing Procedures* continues to be a truly indispensable guide for nursing practice.

- Written by nurses for nurses
- Empowers nurses to become informed, skilled practitioners
- Reflects current procedures and changes in modern adult nursing practice
- All procedures are supported by up to date evidence, including detailed rationales for each step of each procedure
- Considers the clinical governance around the procedures and nursing practice

**The Royal Marsden Manual is also available online, fully searchable, and annotatable.** [www.rmmonline.co.uk](http://www.rmmonline.co.uk)

SERIES: ROYAL MARSDEN MANUAL SERIES

MAY 2020 1272PP  
978-1-119-51097-0 CL \$115.00 (Japan)  
978-1-119-63438-6 PB \$65.00 (Japan)  
GENERAL CLINICAL NURSING

## Electrocardiogram in Clinical Medicine

WILLIAM J. BRADY

University of Virginia Health Sciences Centre, Charlottesville

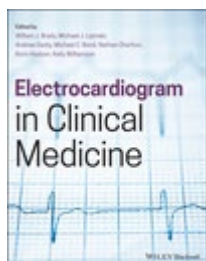
**Offers a guide for a complete understanding of the disease and conditions most frequently revealed in ECGs recorded in the acute, critical, and emergency care settings**

*Electrocardiogram in Clinical Medicine* offers an authoritative guide to ECG interpretation that contains a focus and perspective from each of the three primary areas of medical care: acute care, critical care and emergency care. It can be used as a companion with the book *ECGs for the Emergency Physician I & II* (by Mattu and Brady) or as a stand-alone text. These three books can be described as a cumulative ECG reference for the medical provider who uses the electrocardiogram on a regular basis.

*Electrocardiogram in Clinical Medicine* includes sections on all primary areas of ECG interpretation and application as well as sections that highlight use, devices and strategies. The medical content covers acute coronary syndromes and all related issues, other diseases of the myocardium, morphologic syndromes, toxicology and paediatrics; dysrhythmias will also be covered in detail. This important resource:

- \* Goes beyond pattern recognition in ECGs to offer a real understanding of the clinical syndromes evidenced in ECGs and implications for treatment
- \* Covers the indications, advantages and pitfalls of the use of ECGs for diagnosis in all acute care settings, from EMS to ED to Critical Care
- \* Examines the ECG in toxic, metabolic and environmental presentations; critical information for acute care clinicians who need to be able to differentiate ODs, poisoning and other environmental causes from MI or other cardiac events
- \* Facilitates clinical decision-making

Written for practicing ER, general medicine, family practice, hospitalist and ICU physicians and medical students, *Electrocardiogram in Clinical Medicine* is an important book for the accurate interpretation of ECG results.



MAY 2020 480PP  
978-1-118-75455-9 PB \$70.00 (Japan)  
Acute, Critical & Emergency Care

## 物理学

### Astrobiology

Understanding Life in the Universe, 2nd Edition

CHARLES S. COCKELL

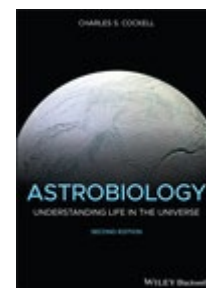
**A guide to understanding the formation of life in the Universe**

The revised and updated second edition of *Astrobiology* offers an introductory text that explores the structure of living things, the formation of the elements required for life in the Universe, the biological and geological history of the Earth, and the habitability of other planets. Written by a noted expert on the topic, the book examines many of the major conceptual foundations in astrobiology, which cover a diversity of traditional fields including chemistry, biology, geosciences, physics, and astronomy.

The book explores many profound questions such as: How did life originate on Earth? How has life persisted on Earth for over three billion years? Is there life elsewhere in the Universe? What is the future of life on Earth? *Astrobiology* is centered on investigating the past and future of life on Earth by looking beyond Earth to get the answers. Astrobiology links the diverse scientific fields needed to understand life on our own planet and, potentially, life beyond. This new second edition:

- Expands on information about the nature of astrobiology and why it is useful
- Contains a new chapter "What is Life?" that explores the history of attempts to understand life
- Contains 20% more material on the astrobiology of Mars, icy moons, the structure of life, and the habitability of planets
- New "Discussion Boxes" to stimulate debate and thought about key questions in astrobiology
- New review and reflection questions for each chapter to aid learning
- New boxes describing the careers of astrobiologists and how they got into the subject
- Offers revised and updated information throughout to reflect the latest advances in the field

Written for students of life sciences, physics, astronomy and related disciplines, the updated edition of *Astrobiology* is an essential introductory text that includes recent advances to this dynamic field.



MAY 2020 500PP  
978-1-119-55035-8 PB \$90.00(Japan)  
Astronomy & Astrophysics

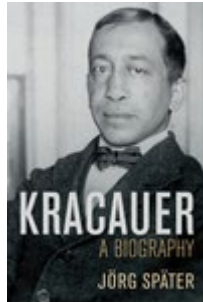
TEXT

## 哲学

**Kracauer****A Biography**

JÖRG SPÄTER &amp; DANIEL STEUER

READERSHIP: Students and scholars in critical theory, cultural studies, sociology, art and film studies and twentieth-century German history and culture; general readers interested in contemporary intellectual culture.



MAY 2020 600PP  
978-1-5095-3301-5 CL \$45.00 (Japan)  
General Philosophy

**The Power of Art**

MARKUS GABRIEL

We live in an era of aesthetics. Art has become both pervasive and powerful -- it is displayed not only in museums and galleries but also on the walls of corporations and it is increasingly fused with design. But what makes art so powerful, and in what does its power consist?



According to a widespread view, the power of art -- its beauty -- lies in the eye of the beholder. What counts as art appears to be a function of individual acts of evaluation supported by powerful institutions. On this account, the power of art stems from a force that is not itself aesthetic, such as the art market and the financial power of speculators. Art expresses, in a disguised form, the power of something else -- like money -- that lies behind it. In one word, art has lost its autonomy.

In this short book, Markus Gabriel rejects this view. He argues that art is essentially uncontrollable. It is in the nature of the work of art to be autonomous to such a degree that the art world will never manage to overpower it. Ever since the cave paintings of Lascaux, art has taken hold of the human mind and implemented itself in our very being. Thanks to the emergence of art we became human beings, that is, beings who lead their lives in light of an image of the human being and its position in the world and in relation to other species. Due to its structural, ontological power, art itself is and remains radically autonomous. Yet, this power is highly ambiguous, as we cannot control its unfolding.

In this book, a leading proponent of New Realism applies this philosophical perspective to art to create a new aesthetic realism.

MAY 2020 100PP  
978-1-5095-4096-9 CL \$45.00 (Japan)  
978-1-5095-4097-6 PB \$12.95 (Japan)  
General Philosophy

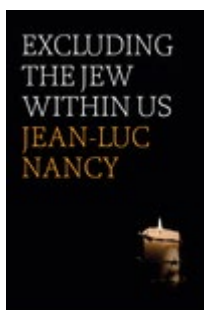


## Excluding the Jew Within Us

JEAN-LUC NANCY & TRANSLATOR SARAH CLIFT

**READERSHIP:** Students and scholars in philosophy; Jewish studies; humanities generally; followers of the work of Nancy; general readers interested in contemporary philosophy and critical theory.

MAY 2020 60PP  
978-1-5095-4272-7 CL \$45.00 (Japan)  
978-1-5095-4273-4 PB \$12.95 (Japan)  
Continental Philosophy

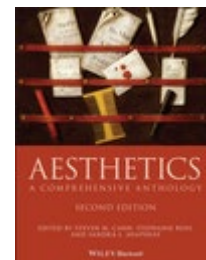


## Aesthetics

A Comprehensive Anthology, 2nd Edition

EDITOR STEVEN M. CAHN, EDITOR AARON MESKIN & EDITOR SANDRA L. SHAPSHAY  
CUNY Graduate Centre; University of Leeds

**A revised second edition of the bestselling anthology on the major figures and themes in aesthetics and philosophy of art, the ideal resource for a comprehensive introduction to the study of aesthetics**



*Aesthetics: A Comprehensive Anthology* offers a well-rounded and thorough introduction to the evolution of modern thought on aesthetics. In a collection of over 60 readings, focused primarily on the Western tradition, this text includes works from key figures such as Plato, Hume, Kant, Nietzsche, Danto, and others. Broad in scope, this volume also contains contemporary works on the value of art, frequently-discussed continental texts, modern perspectives on feminist philosophy of art, and essays by authors outside of the community of academic philosophy, thereby immersing readers in an inclusive and balanced survey of aesthetics.

The new second edition has been updated with contemporary essays, expanding the volume's coverage to include the value of art, artistic worth and personal taste, questions of aesthetic experience, and contemporary debates on and new theories of art. This edition also incorporates new and more standard translations of Kant's *Critique of the Power of Judgment* and Schopenhauer's *The World as Will and Representation*, as well as texts by Rousseau, Hegel, DuBois, Alain Locke, Budd, Robinson, Saito, Eaton and Levinson.

Appropriate for both beginning and advanced students of philosophical aesthetics, this selection of texts initiates readers into the study of the foundations of and central developments in aesthetic thought.

SERIES: BLACKWELL PHILOSOPHY ANTHOLOGIES

MAY 2020 848PP  
978-1-118-94832-3 PB \$64.95 (Japan)  
AESTHETICS

TEXT



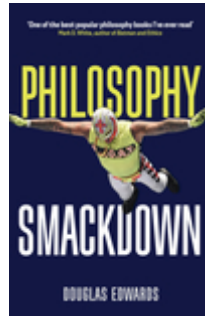
## Philosophy Smackdown

DOUGLAS EDWARDS

University College Dublin

**READERSHIP:** Students of philosophy, especially those interested in philosophy of sport and games, fans of professional wrestling and those looking for a fun way into philosophy.

MAY 2020 200PP  
978-1-5095-3765-5 CL \$59.95 (Japan)  
978-1-5095-3766-2 PB \$16.95 (Japan)  
Metaphysics



## 心理学

## The Wiley Encyclopedia of Personality and Individual Differences

EDITOR BERNARDO J. CARDUCCI

Indiana University Southeast

*The Encyclopedia of Personality and Individual Differences* (EPID) is organized into four volumes that look at the many likenesses and differences between individuals. Each of these four volumes focuses on a major content area in the study of personality psychology and individuals' differences. The first volume, *Models and Theories*, surveys the significant classic and contemporary viewpoints, perspectives, models, and theoretical approaches to the study of personality and individuals' differences (PID). The second volume on *Measurement and Assessment* examines key classic and modern methods and techniques of assessment in the study of PID. Volume III, titled *Personality Processes and Individuals Differences*, covers the important traditional and current dimensions, constructs, and traits in the study of PID. The final volume discusses three major categories: clinical contributions, applied research, and cross-cultural considerations, and touches on topics such as culture and identity, multicultural identities, cross-cultural examinations of trait structures and personality processes, and more.

- Each volume contains approximately 100 entries on personality and individual differences written by a diverse international panel of leading psychologists
- Covers significant classic and contemporary personality psychology models and theories, measurement and assessment techniques, personality processes and individuals differences, and research
- Provides a comprehensive and in-depth overview of the field of personality psychology

*The Encyclopedia of Personality and Individual Differences* is an important resource for all psychology students and professionals engaging in the study and research of personality.

MAY 2020 2400PP  
978-1-118-97074-4 CL \$795.00 (Japan)  
Psychology General

## The Wiley Blackwell Handbook of the Psychology of Training, Development, and Performance Improvement

KURT KRAIGER, JONATHAN PASSMORE, NUNO REBELO DOS SANTOS & SIGMAR MALVEZZI

University of Colorado at Denver; University of East London, UK

The Wiley Blackwell Handbook of the Psychology of Training, Development, and Performance Improvement provides up-to-date, contemporary information for researchers and professionals by reviewing the latest literature and research in the interconnected fields of training, development, and performance appraisal. It brings a psychological perspective to bear on a multi-disciplinary field that links to management, human resources, and education. Unique to reference works in this area, it maintains a truly global focus on the field with top international contributors looking at research and practice from around the world, including South America, Europe, Canada, and Australia, as well as the United States and the United Kingdom. The chapters cover a diverse range of important contemporary topics, such as needs analysis, job design, active learning, self-regulation, simulation approaches, 360-degree feedback, and virtual learning environments. Together, they offer researchers and professionals essential information for building a talented organization, a critical and challenging task for organizational success in the 21st century.

SERIES: WILEY-BLACKWELL HANDBOOKS IN ORGANIZATIONAL PSYCHOLOGY

MAY 2020 550PP  
978-1-119-67366-8 PB \$59.95 (Japan)  
9781118737019 CL \$208.00 (Japan) Published, OCT.2014  
Organizational & Industrial Psychology

## The Wiley Handbook of Developmental Psychology in Practice

Implementation and Impact

EDITOR KEVIN DURKIN & EDITOR H. RUDOLPH SCHAFFER

University of Strathclyde, UK; University of Strathclyde

READERSHIP: The book is most likely to appeal to advanced psychology undergraduates, students in child studies courses, postgraduates in Developmental Psychology and Applied Developmental Science courses, and staff in the developmental and applied areas. However, such a book will be of interest to a wider readership than academics alone; in particular it will also be relevant to policy makers and to practitioners such as teachers, social workers, lawyers and others engaged in fostering the well-being of children.

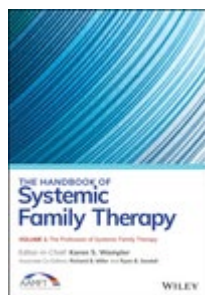


SERIES: WILEY BLACKWELL HANDBOOKS OF DEVELOPMENTAL PSYCHOLOGY

MAY 2020 552PP  
978-1-119-09571-2 PB \$45.00 (Japan)  
9781405163361 CL \$202.75 (Japan) Published, FEB. 2016  
Developmental Psychology

## The Handbook of Systemic Family Therapy, 4 Volumes Set

EDITOR-IN-CHIEF KAREN S. WAMPLER,  
ASSOCIATE EDITOR RICHARD B. MILLER,  
ASSOCIATE EDITOR RYAN B. SEEDALL,  
ASSOCIATE EDITOR LENORE M. MCWEY,  
ASSOCIATE EDITOR ADRIAN J. BLOW,  
ASSOCIATE EDITOR MUDITA RASTOGI  
& ASSOCIATE EDITOR REENEE SINGH



**This 4-volume set redefines the profession and practice of systemic therapy, organizing material by presenting issue rather than intervention.** A first of its kind resource for clinicians, researchers, educators, graduate students, and policymakers, this authoritative four-volume Handbook is a ground-breaking reference work on both the profession and the practice of systemic family therapy. The Handbook integrates the scholarly literature on systemic interventions focused on children, couples, and families into a single resource. Volume 1 includes critical information on the theoretical, practice, research, and policy foundations of the profession of systemic family therapy and its roles in an integrated health care system. Topics in Volume 2 (children and adolescents), Volume 3 (couples), and Volume 4 (family over the lifespan) reflect established and emerging interventions for the core difficulties in relationships that impact the mental and physical health of individuals, couples, and families. Contributors provide a balanced, integrative, and forward-looking analysis of the research, theory and interventions related to their topic illustrated with clinical examples. Particular attention is paid to cultural and family diversity throughout the work.

MAY 2020 2756PP  
978-1-119-43855-7 CL \$655.00 (Japan)

Volume 1 The Profession of Systemic Family Therapy  
689PP 978-1-119-70206-1 CL \$165.00 (Japan)

Volume 2 Systemic Family Therapy with Children and Adolescents  
689PP 978-1-119-70218-4 CL \$165.00 (Japan)

Volume 3 Systemic Family Therapy with Couples  
689PP 978-1-119-70222-1 CL \$165.00 (Japan)

Volume 4 Systemic Family Therapy and Global Health Issues  
689PP 978-1-119-70226-9 CL \$165.00 (Japan)

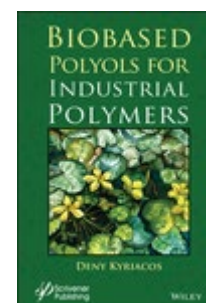
Couples & Family Clinical Psychology

## ポリマーサイエンス

## Biobased Polyols for Industrial Polymers

DENY KYRIACOS

The replacement of polyols synthesized from petrochemical by polyols originating from natural products, notably from vegetable oils and animal fats, has been the subject of research projects for a number of decades.



Very recently, however, the polymers industry has intensified its efforts to include the "green products", such as biobased polyols, in applications already available in the market. Examples of such applications include polyurethane foams, elastomers and epoxides.

This book describes the extraction of the natural constituents of several fruits and plants as well as their chemical conversion to polyols. In addition to the chemistry involved in the process, particular emphasis is attributed to their applications.

MAY 2020 368PP  
978-1-119-62016-7 CL \$225.00 (Japan)  
Biopolymers

## 宗教

## Religious Ethics

## Meaning and Method

WILLIAM SCHWEIKER &amp; DAVID A. CLAIRMONT

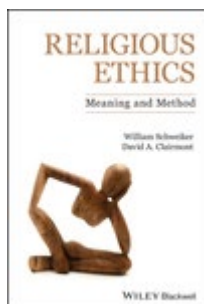
**An inclusive and innovative account of religious ethical thinking and acting in the world.**

Rather than merely applying existing forms of philosophical ethics, *Religious Ethics* defines the meaning of the field and presents a distinct and original method for ethical reflection through comparisons of world religious traditions. Written by leading scholars and educators in the field, this unique volume offers an innovative approach that reveals how religions concur and differ on moral matters, and provides practical guidance on thinking and living ethically. The book's innovative method--integrating descriptive, normative, practical, fundamental, and metaethical dimensions of reflection--enables a far more complex and nuanced exploration of religious ethics than any single philosophical language, method, or theory can equal. First introducing the task of religious ethics, the book moves through each of the five dimensions of reflection to compare concepts such as good and evil, perplexity and wisdom, truth and illusion, and freedom and bondage in various theological contexts.

- Guides readers on understanding, assessing, and comparing the moral teachings and practices of world religions
- Applies a disciplined, scholarly approach to the subject of religious ethics
- Explores the distinctions between religious ethics and moral philosophy
- Provides a methodology which can be applied to comparative ethics for various religions
- Compares religious traditions to illuminate each of the five dimensions of ethical and moral reflection

*Religious Ethics: Meaning and Method* will help anyone interested in the relation between religion and ethics in the modern world, including those involved in general and comparative religion studies, religious and comparative ethics, and moral theory.

MAY 2020 224PP  
978-1-4051-9857-8 PB \$34.95 (Japan)  
Religious Studies



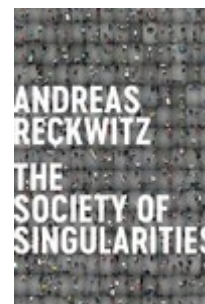
## 社会学

## Society of Singularities

ANDREAS RECKWITZ &amp; VALENTINE A. PAKIS

READERSHIP: Students and scholars in sociology, cultural studies and critical theory

MAY 2020 400PP  
978-1-5095-3422-7 CL \$45.00 (Japan)  
Social Theory



## Concepts of the Self

## 4th Edition

ANTHONY ELLIOTT

Flinders University

READERSHIP: Undergraduates of sociology, social psychology, cultural studies and gender studies.

SERIES: KEY CONCEPTS

MAY 2020 248PP  
978-1-5095-3879-9 CL \$69.95 (Japan)  
978-1-5095-3880-5 PB \$24.95 (Japan)

Social Identity / 9781509538805 PB \$69.95 (Japan)



## Image Beyond the Screen

### Projection Mapping

EDITOR DANIEL SCHMITT, EDITOR MARINE THÉBAULT  
& EDITOR LUDOVIC BURCZYKOWSKI

Videomapping with its use of digital images is an audiovisual format that has gained traction with the creative industries. It consists of projecting images onto diverse surfaces, according to their geometric characteristics. It is also synonymous with spatial augmented reality, projection mapping and spatial correspondence.

Image Beyond the Screen lays the foundations for a field of interdisciplinary study, encompassing the audiovisual, humanities, and digital creation and technologies. It brings together contributions from researchers, and testimonials from some of the creators, technicians and organizers who now make up the many-faceted community of videomapping. Live entertainment, museum, urban or event planning, cultural heritage, marketing, industry and the medical field are just a few examples of the applications of this media.

MAY 2020 270PP  
978-1-78630-504-6 CL \$145.00 (Japan)  
Sociology of Science & Technology

## The World's Construction Mechanism

### Trajectories, Imbalances, and the Future of Societies

JACQUES BARNOUIN

The interdisciplinarity between the biological and human sciences is here to serve a daring objective: to decipher, by means of a logical chain, the explanatory factors of human trajectories and imbalances between societies and nations. To do this, The World's Construction Mechanism is based on an unprecedented analysis of the dynamics of the human species, combining the contributions of anthropology, archeology, biology, climatology, economics, geography, history and sociology.

This book analyzes the roots of societal disharmony and presents ways of realizing a clear-sighted human project that is in step with the general interest of humanity.

MAY 2020 320PP  
978-1-78630-515-2 CL \$155.00 (Japan)  
Sociology of Science & Technology

## Immigrant Labor and the New Precariat

RUTH MILKMAN

**READERSHIP:** Upper-level undergraduates and above taking courses on immigration and/or work across the social sciences, especially in sociology departments.

**SERIES:** IMMIGRATION AND SOCIETY

MAY 2020 200PP

978-0-7456-9201-2 CL \$64.95 (Japan)

978-0-7456-9202-9 PB \$22.95 (Japan)

Sociology of Organizations & Work / 9780745692029 PB \$64.95 (Japan)



## 統計学

## Risk Assessment

Theory, Methods, and Applications, 2nd Edition

MARVIN RAUSAND & STEIN HAUGEN

Norwegian University of Science and Technology

**Introduces risk assessment with key theories, proven methods, and state-of-the-art applications**

*Risk Assessment: Theory, Methods, and Applications* remains one of the few textbooks to address current risk analysis and risk assessment with an emphasis on the possibility of sudden, major accidents across various areas of practice--from machinery and manufacturing processes to nuclear power plants and transportation systems. Updated to align with ISO 31000 and other amended standards, this all-new *2nd Edition* discusses the main ideas and techniques for assessing risk today.



The book begins with an introduction of risk analysis, assessment, and management, and includes a new section on the history of risk analysis. It covers hazards and threats, how to measure and evaluate risk, and risk management. It also adds new sections on risk governance and risk-informed decision making; combining accident theories and criteria for evaluating data sources; and subjective probabilities. The risk assessment process is covered, as are how to establish context; planning and preparing; and identification, analysis, and evaluation of risk. *Risk Assessment* also offers new coverage of safe job analysis and semi-quantitative methods, and it discusses barrier management and HRA methods for offshore application. Finally, it looks at dynamic risk analysis, security and life-cycle use of risk.

*Risk Assessment: Theory, Methods, and Applications, Second Edition* is ideal for courses on risk analysis/risk assessment and systems engineering at the upper-undergraduate and graduate levels. It is also an excellent reference and resource for engineers, researchers, consultants, and practitioners who carry out risk assessment techniques in their everyday work.

**SERIES:** STATISTICS IN PRACTICE

MAY 2020 784PP

978-1-119-37723-8 CL \$160.00 (Japan)

ENGINEERING STATISTICS



## Machine Learning

Hands-On for Developers and Technical Professionals, 2nd Edition

JASON BELL

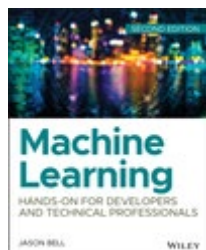
**Dig deep into the data with a hands-on guide to machine learning with updated examples and more!**

*Machine Learning: Hands-On for Developers and Technical Professionals* provides hands-on instruction and fully-coded working examples for the most common machine learning techniques used by developers and technical professionals. The book contains a breakdown of each ML variant, explaining how it works and how it is used within certain industries, allowing readers to incorporate the presented techniques into their own work as they follow along. A core tenant of machine learning is a strong focus on data preparation, and a full exploration of the various types of learning algorithms illustrates how the proper tools can help any developer extract information and insights from existing data. The book includes a full complement of Instructor's Materials to facilitate use in the classroom, making this resource useful for students and as a professional reference.

At its core, machine learning is a mathematical, algorithm-based technology that forms the basis of historical data mining and modern big data science. Scientific analysis of big data requires a working knowledge of machine learning, which forms predictions based on known properties learned from training data.

By learning to construct a system that can learn from data, readers can increase their utility across industries. Machine learning sits at the core of deep dive data analysis and visualization, which is increasingly in demand as companies discover the goldmine hiding in their existing data. For the tech professional involved in data science, *Machine Learning: Hands-On for Developers and Technical Professionals* provides the skills and techniques required to dig deeper.

MAY 2020 432PP  
978-1-119-64214-5 PB \$50.00 (Japan)  
DATA MINING STATISTICS



## テストプレップ

## MCA Modern Desktop Administrator Complete Study Guide

Exam MD-100 and Exam MD-101

WILLIAM PANEK

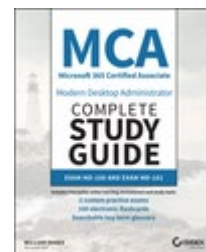
**The ultimate study guide for Microsoft 365 Certified Associate (MCA) Modern Desktop certification--covers the new Exam MD-100 and the new Exam MD-101 in one book!**

Referred to as the Modern Desktop, Microsoft 365 is Microsoft's new suite of modern workplace services comprising Windows 10, Office 365, and Enterprise Mobility & Security. IT administrators tasked with deploying and implementing Modern Desktop are required to configure, secure, manage, and monitor devices and applications in enterprise environments. Success on the MCA Modern Desktop Administrator certification exam is essential for IT professionals seeking to expand their job opportunities and advance their careers.

The *MCA Modern Desktop Administrator Complete Study Guide* is an indispensable resource for candidates preparing for certification. This guide covers 100% of all exam objectives for the new Exam MD-100: Windows 10 and the new Exam-101: Managing Modern Desktops. All aspects of *both* new exams are covered, including in-depth information on advanced topics and technologies. Included is access to Sybex's comprehensive online learning environment--offering an assessment test, bonus practice exams, electronic flashcards, a searchable glossary, and videos for many of the chapter exercises.

The *MCA Modern Desktop Administrator Complete Study Guide: Exam MD-100 and Exam MD-101* is an essential tool for anyone preparing for the exams and students and IT professionals looking to learn new skills or upgrade their existing skills.

MAY 2020 1008PP  
978-1-119-60309-2 PB \$90.00 (Japan)  
CERTIFICATION (MSCE, NOVELL, ETC.)



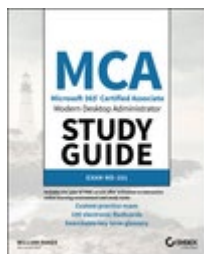
## MCA Modern Desktop Administrator Study Guide

Exam MD-101

WILLIAM PANEK

**The must-have preparation guide for MCA Modern Desktop certification--covers the new Exam MD-101: Managing Modern Desktops!**

Microsoft's Modern Desktop integrates Windows 10, Office 365, and advanced security capabilities. Microsoft 365 Certified Associate (MCA) Modern Desktop certification candidates need to be familiar with Microsoft 365 workloads and demonstrate proficiency in deploying, configuring, and maintaining Windows 10 and non-Windows devices and technologies. The new Exam MD-101: Managing Modern Desktops measures candidate's ability to deploy and update operating systems, manage policies and profiles, manage and protect devices, and manage apps and data. Candidates are required to know how to perform a range of tasks to pass the exam and earn certification.



The *MCA Modern Desktop Administrator Study Guide: Exam MD-101* provides in-depth examination of the complexities of Microsoft 365. Focusing on the job role of IT administrators, this clear, authoritative guide covers 100% of the new exam objectives. Real-world examples, detailed explanations, practical exercises, and challenging review questions help readers fully prepare for the exam. Sybex's comprehensive online learning environment--in which candidates can access an assessment test, electronic flash cards, a searchable glossary, bonus practice exams, and videos for chapter exercises--is included to provide comprehensive exam preparation.

The move to Windows 10 has greatly increased the demand for qualified and certified desktop administrators in corporate and enterprise settings. *MCA Modern Desktop Administrator Study Guide: Exam MD-101: Managing Modern Desktops* is an invaluable resource for IT professionals seeking MCA certification.

MAY 2020 384PP  
978-1-119-60594-2 PB \$60.00 (Japan)  
Certification (MSCE, Novell, etc.)

## AWS Certified SysOps Administrator Study Guide

Associate SOA-C01 Exam, 2nd Edition

BRETT MCLAUGHLIN & SARA PERROTT

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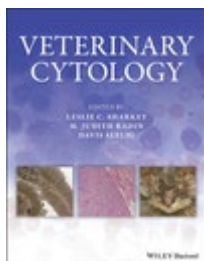
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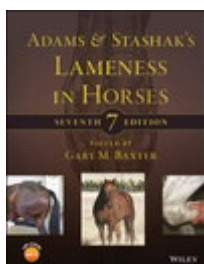
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