

JAPAN PREVIEW

March 2021



WILEY

JAPAN PREVIEW

- ◆ 毎月 1 日発行
- ◆ 出版予定タイトルを 3 ヶ月前に発行。
(例 2019 年 10 月号 7 月初めに発行。2019 年 10 月出版予定タイトルをカバー、全予定価格)
- ◆ キー・シンボル **TEXT** テキスト・タイトル
SD ショート・ディスカウント・タイトル
- ◆ ワイリー・ジャパンのウェブ・サイト www.wiley.co.jp にてこのプレビューをご覧頂けます。
- ◆ ご発注は従来通り英国の John Wiley & Sons Ltd.にお願いします。

Sarah Thomas (Ms.), Customer Service
John Wiley & Sons Ltd.
European Distribution Centre
New Era Estate
Oldlands Way, Bognor Regis
West Sussex, PO22 9NQ
UK

TEL: 44 1243 843208
FAX: 44 1243 843303
e-mail: sthomas2@wiley.com

ワイリー社及びワイリー・タイトルの情報は www.wileyeurope.com でご覧下さい。
Book・DATA ワイリー社の全出版物のデータは Book DATA Ltd.のデータ・ベースに保持されています。
このサービスに関するお問い合わせは下記に願います。

Book Data Limited
Globe House, 1 Chertsey Road, Twickenham, TW1 ILR, UK

Tel: 44 208 843 8600
Fax: 44 208 843 8744
www.bookdata.co.uk

その他書籍に関するお問い合わせ・ご質問は、ワイリー・ジャパンまでご連絡ください。

〒112-0002 東京都文京区小石川 1-28-1 小石川桜ビル 4F
Tel 03-3830-1232 Fax: 03-5689-7276 E-mail: marketing@wiley.co.jp

Table of Contents

会計学	Corporate / Managerial Accounting.....	11
農業	Agriculture & Ecology	11
	Agriculture Special Topics	12
人類学	General & Introductory Anthropology.....	12
	Linguistic Anthropology	13
建築学	Planning.....	13
ビジネス	General & Introductory Business & Management.....	14
	Business Self-Help.....	14
	Business Technology	15
	Business Statistics & Math	16
	Management / Leadership	17
	Management / Teams	18
	Risk, Contingency & Crisis Management	18
	Project Management.....	19
	Marketing & Sales	19
	Strategic Marketing.....	20
	Small Business & Entrepreneurship	20
	Business & Management Special Topics.....	21
土木工学	Structures	21
	Construction.....	22
	Wastewater Purification	22
	Data Processing	23
	Structural Theory & Structural Mechanics	23
化学工学	Theory, Planning & Management.....	24
	Process Engineering	24
	Separations	25

化学

Biochemical Engineering	26
Preparatory / Introductory Chemistry	26
Analytical Chemistry	27
Spectroscopy	27
Crystallography	28
Industrial Chemistry	28
Cellulose/Paper/Textile Chemistry	29
Catalysis	29
Homogeneous Catalysis	30
Drug Discovery & Development	31
Biopharmaceuticals & Pharmaceutical Biotechnology	31
Organic Chemistry	32
Methods - Synthesis & Techniques	34
Supramolecular Chemistry	34
Photochemistry	35
Biochemistry (Chemical Biology)	35
Biomolecules (DNA, RNA, Peptides, etc.)	36
Office Productivity - Microsoft (General & Office suite)	37
Graphics & Design software (Non-Microsoft)	37
Other Software (Non-Microsoft)	38
Operating Systems / Microsoft Windows	39
Operating Systems / Linux & UNIX	39
Computer Hardware / Macintosh	40
General Communication & Media Studies	40
Mass Communication & The Media	41
Networking	42
Programming & Software Development	42
Programming / C & C++	43

コンピューティング

コミュニケーション

コンピュータサイエンス

	Web Site Development	44
	Data Mining & Knowledge Discovery	44
	Artificial Intelligence	45
	Grid & Cloud Computing	47
文化研究	Popular Culture	47
	Film Studies	48
歯学	General Dentistry	49
	Oral & Maxillofacial Surgery	50
	Oral Pathology	50
	Dental Nursing	51
	Orthodontics	51
教育	Mathematics	52
電気電子工学	General & Introductory Electrical Engineering	52
	Engineering Management	53
	Antennas & Propagation	53
	Mobile & Wireless Communications	54
	Satellite Communications	54
	Control Systems Technology	54
	Quality & Reliability	55
	Semiconductors	57
	Sensors, Instrumentation & Measurement	57
	Computer Engineering	58
エネルギー	Power Electronics	59
	General Energy	60
	Fossil Fuels	61
	Renewable Energy	61
	Solar Energy & Photovoltaics	62
	Power Technology & Power Engineering	62

	Electric Power Systems	64
環境科学	Environmental Economics & Politics	64
	General & Introductory Earth Sciences	65
	Structural Geology & Tectonics	65
	Igneous & Metamorphic Petrology and Volcanology	66
	Geomorphology	66
	Environmental Geoscience	67
	Water Resource Management	67
ファイナンス/インベストメント	General Finance & Investments	68
	Personal Finance / Consumer Tax	69
	Personal Finance / Financial Advising	69
	Investments & Securities	70
	Finance & Investments Special Topics	70
食品科学	Food Processing, Production & Manufacture	71
	Food Packaging	72
地理学	Human Geography	72
	Introductory Human Geography	73
コンシューマヘルス	Fitness	74
公衆衛生	Public Health General	75
	Public Health Behavior & Education	75
	International Public Health	76
	Mental Health	76
	Health & Health Care Special Topics	77
歴史	Asian & Australasian History	77
	History of Science & Medicine	78
エンジニアリング	Industrial Engineering / Project Management	78
法律	Criminology	79

ライフスタイル	Music	79
言語学	Syntax	80
ライフサイエンス	Conservation Science	81
	Applied Microbiology	81
	Human Genetics	82
	Plant Molecular Biology	83
	Plant Biochemistry	83
	Neuroscience	84
文学	English Literature	84
	Comparative & World Literature	85
数学	Linear Algebra	85
	Business & Finance	86
メディカルサイエンス	Medical Statistics & Epidemiology	87
	Physiology	87
	Interventional Cardiology	88
	Emergency Medicine & Trauma	88
	Gastroenterology & Hepatology	89
	Geriatric Medicine	90
	Hematology	90
	Laboratory Hematology	91
	Epilepsy	91
	Psychiatry	92
	MRI	92
	Urology	92
機械工学	Mechanical Engineering - Design	93
	Thermodynamics	94
	Solid Mechanics	94

	Aeronautic & Aerospace Engineering	95
材料科学	Metals & Alloys	96
	Electronic Materials	96
	Thin Films, Surfaces & Interfaces	96
	Materials Processing	97
ナノテクノロジー	Nanomaterials	97
ナーシング	Nursing Children & Young People	98
	Nursing Research	98
	Midwifery	99
	Nursing Management & Leadership	100
	Nursing Education & Professional Development	100
	General Clinical Nursing	101
物理学	Astronomy & Astrophysics	102
	Optics & Photonics	102
哲学	Introductions to Philosophy	103
	Critical Theory	103
	Ancient Philosophy	104
	20th Century Philosophy	105
	Epistemology	105
政治学	American Politics	106
	War & Peace Studies	106
	Political Philosophy & Theory	106
心理学	Applied Psychology	107
	Diversity, Culture & Ethnicity	107
	Educational & School Psychology	108
	Forensic Psychology	108
	Assessment	109

	Abnormal Psychology	109
	Family Therapy	110
	Psychology	110
ポリマーサイエンス	Polymer processing	111
	Polymer Synthesis	112
	Polymer Characterization	112
宗教	Religious Studies	113
	Islam	113
	Religion, Issues & Current Affairs	114
社会学	General Sociology	114
	Social Theory	115
	Feminist Theory	116
	Social Identity	117
統計学	General & Introductory Statistics	117
	Probability & Mathematical Statistics	118
	Biostatistics	118
	Regression Analysis	119
	Data Analysis	120
	Survey Research Methods & Sampling	121
	Statistical Software / SPSS	122
	Data Mining Statistics	122
テストプレップ	Test Prep General	123
	GMAT, LSAT Prep	123
	Certification (MSCE, Novell, etc.)	124
獣医学	Veterinary Dentistry	126
	Veterinary Surgery, Orthopedics & Trauma	127
	Veterinary Medicine / Fish	127
	Veterinary Medicine - Farm Animals	128

Veterinary Medicine - Zoo & Wildlife128

会計学

The Controller's Toolkit

CHRISTINE H. DOXEY

The Controller's Toolkit will provide finance and accounting professionals with a series of tools across specific areas of controllership responsibilities. The tools included in this toolkit were recommended by corporate, plant, and business unit controllers from both small and global companies.



This toolkit will enable aspiring, new and current controllers to take a giant leap forward and gain proficiency as finance and accounting leaders. The tools consist of templates, checklists, roadmaps, review sheets, internal controls, policies, and procedures that can be easily implemented. Tools are provided for business ethics, corporate governance, regulatory compliance, risk management, security, IT processes, and financial operations. Besides the technical requirements of the controllership, this toolkit will also recommend "soft" skills such as leadership and communication.

SERIES: WILEY CORPORATE F&A

MARCH 2021 UnknownPP
978-1-119-70064-7 CL \$60.00 (Japan)
Corporate / Managerial Accounting

農業

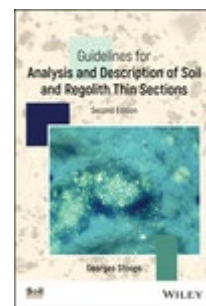
Guidelines for Analysis and Description of Regolith Thin Sections

2nd Edition

GEORGES STOOPS

A revised guide to the study and of soil and regolith thin sections

A specialized system of terms and concepts must be used to accurately and effectively distinguish and name the microscopic features of soils and regoliths. With a comprehensive, consistent terminology at their disposal, researchers may compare, store and discuss new data easily and with less risk of error. The second edition of *Guidelines for Analysis and Description of Soil and Regolith Thin Sections* has been assembled to address this need, offering a practical system of analysis and description to those working with soil and regolith materials.



This essential resource includes:

- An introduction to micromorphology and its practice
- Guidelines for the study of thin sections
- Sections covering the various microscopic features of soils and regoliths
- Illustrative graphics and colour micrographs
- Suggested description schemes and data presentation tips

By providing an economical, navigable system for the study and documentation of soils and regoliths, *Guidelines for Analysis and Description of Soil and Regolith Thin Sections*, second edition, offers invaluable guidance for soil scientists, geologists, ecologists, archaeologists and all those concerned with micromorphology.

SERIES: ASA, CSSA, AND SSSA BOOKS

MARCH 2021 256PP
978-0-89118-975-6 PB \$70.00 (Japan)
AGRICULTURE & ECOLOGY

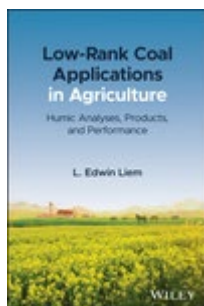
人類学

Low-Rank Coal Applications in Agriculture

Humic Analyses, Products, and Performance

L. EDWIN LIEM

Low-Rank Coal Applications in Agriculture explores the commercialization and marketing potential of low-rank coal, which is rich in organic matter and humic substances. The author--a noted expert on the topic--clearly shows from a practical perspective, that rather than using it as an energy source, this material can be applied for the agricultural sector. The author investigates low-rank coal's potential as used in dry and liquid humic products. This book discusses both raw materials and commercial products, and provides data on improved soil quality, crop yields, and livestock productivity. This groundbreaking book:



- details how this material can benefit agriculture; thus positioning coal in the more "green sector" type of industry
- presents original data collected from laboratories and agricultural fields, and summarizes literature on the science and regulation of low-rank coal and humic substances

Written for field practitioners, end users, marketers, operators, regulators, researchers, and academics, *Low-Rank Coal Applications in Agriculture* is the first book on the market to explore the real-life use of low-rank coal for the agricultural sector.

MARCH 2021 300PP
978-1-119-73475-8 CL \$160.00 (Japan)
Agriculture Special Topics

Introducing Anthropology

What Makes Us Human?, 2nd Edition

LAURA POUNTNEY & TOMISLAV MARIC

READERSHIP: students taking introductory courses in anthropology at undergraduate, and pre-university/Foundation/Access courses, as well as IGCSE and International Baccalaureate. Students taking introductory courses in anthropology at undergraduate, and pre-university/Foundation/Access courses, as well as IGCSE and International Baccalaureate.



MARCH 2021 368PP
978-1-5095-4414-1 PB \$39.95 (Japan)
General & Introductory Anthropology

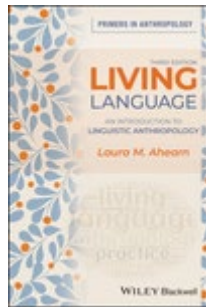
建築学

Living Language

An Introduction to Linguistic Anthropology, 3rd Ed

LAURA M. AHEARN, Rutgers University, USA

A new, fully revised edition of this bestselling textbook in linguistic anthropology, updated to address the impacts of globalization, pandemics, and other contemporary socio-economic issues in the study of language



Living Language: An Introduction to Linguistic Anthropology has introduced thousands of students to the engaging and compelling field of linguistic anthropology. Now in a new, fully updated and revised third edition, this bestselling textbook provides a student-friendly exploration of language as a social and cultural practice. Covering both theory and real-world practice, this clear and highly accessible textbook examines the relationship between language and social context while highlighting the advantages of an ethnographic approach to the study of language. The third edition includes a timely new chapter that investigates how technologies such as social media and online meetings have changed language. The new edition also considers the impact of the COVID-19 pandemic on linguistic practices, ensuring that this text will be a valuable resource for students for years to come.

Requiring no prior knowledge in linguistics or anthropology, *Living Language: An Introduction to Linguistic Anthropology*, Third Edition, is the perfect textbook for undergraduate and graduate courses in introductory linguistic anthropology as well as related courses in sociolinguistics, sociology, and communication.

SERIES: PRIMERS IN ANTHROPOLOGY

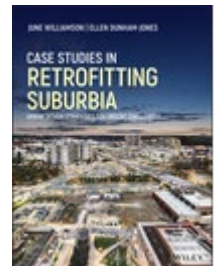
MARCH 2021 416PP
978-1-119-60814-1 PB \$45.95 (Japan)
LINGUISTIC ANTHROPOLOGY

Case Studies in Retrofitting Suburbia

Urban Design Strategies for Urgent Challenges

JUNE WILLIAMSON & ELLEN DUNHAM-JONES

A brand-new collection of 32 case studies that further demonstrate the retrofitting of suburbia



This amply-illustrated book, second in a series, documents how defunct shopping malls, parking lots, and the past century's other obsolete suburban development patterns are being retrofitted to address current urgent challenges they weren't designed for: improving public health, increasing resilience in the face of climate change, leveraging social capital for equity, supporting an aging society, competing for jobs, and disrupting automobile dependence.

Case Studies in Retrofitting Suburbia: Urban Design Strategies for Urgent Challenges provides summaries, data, and references on how these challenges manifest in suburbia and discussion of successful urban design strategies to address them in Part I. Part II documents how innovative design strategies are implemented in a range of northern American contexts and market conditions. From modest interventions with big ripple effects to ambitious do-overs, examples of redevelopment, reinhabitation, and regreening of changing suburban places from coast to coast are described in depth in 32 brand new case studies.

Full of replicable lessons and creative responses to ongoing problems and potentials with conventional suburban form, *Case Studies in Retrofitting Suburbia: Urban Design Strategies for Urgent Challenges* is an important book for students and professionals involved in urban design, architecture, landscape architecture, urban planning, development, civil engineering, public health, public policy, and governance. Most of all, it is intended as a useful guide for anyone who seeks to inspire revitalization, justice, and shared prosperity in places they know and care about.

MARCH 2021 272PP
978-1-119-14917-0 CL \$65.00 (Japan)
Planning

ビジネス

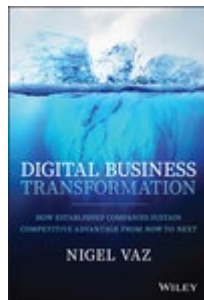
Digital Business Transformation

How Established Companies Sustain Competitive Advantage From Now to Next

NIGEL VAZ

Fuel your business' transition into the digital age with this insightful and comprehensive resource

Digital Business Transformation: How Established Companies Sustain Competitive Advantage offers readers a framework for digital business transformation. Written by Nigel Vaz, the acclaimed CEO of Publicis Sapient, a global digital business transformation company, *Digital Business Transformation* delivers practical advice and approachable strategies to help businesses realize their digital potential.



Digital Business Transformation provides readers with examples of the challenges faced by global organizations and the strategies they used to overcome them. The book also includes discussions of:

- How to decide whether to defend, differentiate, or disrupt your organization to meet digital challenges
- How to deconstruct decision-making throughout all levels of your organization
- How to combine strategy, product, experience, engineering, and data to produce digital results

Perfect for anyone in a leadership position in a modern organization, particularly those who find themselves responsible for transformation-related decisions, *Digital Business Transformation* delivers a message that begs to be heard by everyone who hopes to help their organization meet the challenges of a changing world.

MARCH 2021 224PP
978-1-119-75867-9 CL \$29.00 (Japan)
General & Introductory Business & Management

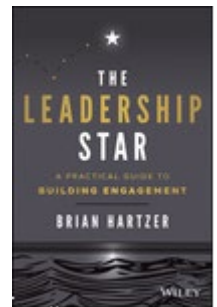
The Leadership Star

A Practical Guide to Building Engagement

BRIAN HARTZER

Discover how to unlock your team's potential

The Leadership Star: A Practical Guide to Building Engagement provides readers with a step-by-step guide to developing engagement within their teams. Experienced executive, management consultant, and author Brian Hartzer walks readers through the "Leadership Star", a foundational framework for developing high performing professional teams. He shows readers how to:



- Care about individuals as human beings, rather than as means to an end
- Provide context to people to help them understand why what they do matters
- Give clarity by telling people what outcomes and behaviors are expected of them
- Help clear the barriers that stand in the way of people doing a great job
- Celebrate individual contributions and success

Perfect for current and aspiring managers and executives who need to know exactly what they should personally do to bring out the best from their teams and build the highest levels of engagement, the book also belongs on the shelves of anyone with direct reports and anyone who hopes to enhance their own performance in the professional sphere.

MARCH 2021 250PP
978-0-7303-9083-1 PB \$23.00 (Japan)
Business Self-Help

AI For Lawyers

How Artificial Intelligence is Transforming the Legal Profession

NOAH WAISBERG & ALEXANDER HUDEK

Discover how artificial intelligence can improve how your organization practices law with this compelling resource from the creators of one of the world's leading legal AI platforms.

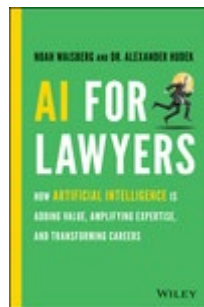
AI for Lawyers: How Artificial Intelligence is Transforming the Legal Profession explains how artificial intelligence can be used to revolutionize your organization's operations. Noah Waisberg and Dr. Alexander Hudek, a lawyer and a computer science Ph.D. who lead prominent legal AI business Kira Systems, have written an approachable and insightful book that will help you transform how your firm functions.

AI for Lawyers explains how artificial intelligence can help your law firm:

- Win more business and find more clients
- Better meet and exceed client expectations
- Find hidden efficiencies
- Better manage and eliminate risk
- Increase associate and partner engagement

Whether focusing on small or big law, *AI for Lawyers* is perfect for any lawyer who either feels uneasy about how AI might change law or is looking to capitalize on the evolving practice. With contributions from experts in the fields of e-Discovery, legal research, expert systems, and litigation analytics, it also belongs on the bookshelf of anyone who's interested in the intersection of law and technology.

MARCH 2021 240PP
978-1-119-72384-4 CL \$34.00 (Japan)
Business Technology



Leading with IT

Lessons from Singapore's First CIO

ALEX SIOW

This is a "how to" book for the next generation of CIOs, CTOs, and other leaders who work in and with technology. It includes practical tips, case-studies, and personal insights from Singapore's first CIO. It also has guest chapters on the Future of Work, the Future of Money, and Lessons from the current Covid-19 crisis. The book is divided into six parts: management of legacy information and telecommunications technology (ICT) issues, information overload, motivation and mentoring, change management, fostering innovation, and the future (of money, work and AI). It will have a foreword written by Dr Tan Chin Nam, the father of civil computerization in Singapore.



MARCH 2021 UnknownPP
978-1-119-79740-1 CL \$29.99 (Japan)
Business Technology

Privacy, Regulations, and Cybersecurity

The Essential Business Guide

CHRIS MOSCHOVITIS

This book answers the question: How do businesses effectively respond to the evolving definition of privacy through their strategies, operations, cybersecurity posture, and adaptation to new regulations? The book walks the reader through privacy, its definitions and implications; data regulation, and its increasing impact on business; and cybersecurity as a newly critical business practice. In addition, the book addresses the overarching significance of privacy for companies' overall strategies. There will be numerous examples and case studies that break down every element of the privacy -- regulation -- cybersecurity triad for the executive. It will help executives understand the concepts of privacy, personally identifiable information, definitions and world-wide regulations. The book walks through how to use core risk management principles, evaluate threats, deploy policies and standards, and identify the right tools, roles, and methods for companies to employ.



MARCH 2021 UnknownPP
978-1-119-65874-0 CL \$45.00 (Japan)
Business Technology

Data Science

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

FIELD CADY

Tap into the power of data science with this comprehensive resource for non-technical professionals

Data Science: The Executive Summary -- A Technical Book for Non-Technical Professionals is a comprehensive resource for people in non-engineer roles who want to fully understand data science and analytics concepts. Accomplished data scientist and author Field Cady describes both the "business side" of data science, including what problems it solves and how it fits into an organization, and the technical side, including analytical techniques and key technologies.



Data Science: The Executive Summary covers topics like:

- Assessing whether your organization needs data scientists, and what to look for when hiring them
- When Big Data is the best approach to use for a project, and when it actually ties analysts' hands
- Cutting edge Artificial Intelligence, as well as classical approaches that work better for many problems
- How many techniques rely on dubious mathematical idealizations, and when you can work around them

Perfect for executives who make critical decisions based on data science and analytics, as well as managers who hire and assess the work of data scientists, *Data Science: The Executive Summary* also belongs on the bookshelves of salespeople and marketers who need to explain what a data analytics product does. Finally, data scientists themselves will improve their technical work with insights into the goals and constraints of the business situation.

MARCH 2021 208PP
978-1-119-54408-1 CL \$75.00 (Japan)
Business Statistics & Math

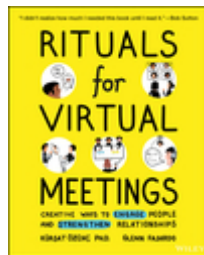
Rituals for Virtual Meetings

Creative Ways to Engage People and Strengthen Relationships

KURSAT OZENC, UNITED STATES & GLENN FAJARDO

Do your virtual meetings feel like a drag? Learn how to use rituals to build trust, increase engagement, and spark creativity.

We rely on virtual meetings now more than ever. However, they can often feel awkward, monotonous, and frustrating. If you're not thrilled with your virtual meetings, rituals can help your group break through to better results by providing structures that unlock freedom. With rituals, virtual meetings can be moments that are elevated and nurtured, opportunities for people to build connection and trust while accomplishing a common goal.



In *Rituals for Virtual Meetings: Creative Ways to Engage People and Strengthen Relationships* authors Kursat Ozenc and Glenn Fajardo show leaders, managers, and meeting organizers how to build rapport and rhythm amongst team members when everyone is not in the same physical space.

Rituals for Virtual Meetings provides readers with practical, concrete steps to improve group cohesion and performance, including:

- How to make virtual meetings more fluid and less awkward
- How to reduce Zoom fatigue and sustain people's energy during meetings
- How to facilitate better interactions with project partners, customers, and clients
- How community leaders can engage members in a virtual setting
- How teachers can engage students in virtual classrooms

Perfect for anyone who needs to engage people in virtual settings, the book also belongs on the shelves of anyone interested in how to increase team engagement in a variety of contexts.

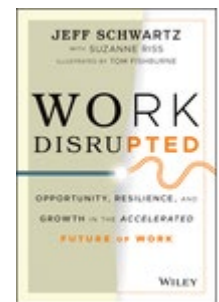
MARCH 2021 UnknownPP
978-1-119-75599-9 PB \$29.00 (Japan)
Management / Leadership

Work Disrupted

Opportunity, Resilience, and Growth in the Accelerated Future of Work

JEFF SCHWARTZ, WITH SUZANNE RISS & ILLUSTRATOR TOM FISHBURNE

If you only read one book on the future of work, *Work Disrupted: Opportunity, Resilience, and Growth in the Accelerated Future of Work* should be that book.



The future of work swept in sooner than expected, accelerated by Covid-19, creating an urgent need for new maps, new mindsets, new strategies-- and most importantly, a trusted guide to take us on this journey. That guide is Jeff Schwartz. A founding partner of Deloitte Consulting's Future of Work practice, Schwartz brings clarity, humor, wisdom, and practical advice to the future of work, a topic surrounded by misinformation, fear, and confusion. With a fundamental belief in the power of human innovation and creativity, Schwartz presents the key issues, critical choices, and potential pitfalls that must be on everyone's radar.

Written in a conversational style by Schwartz, with Suzanne Riss, an award-winning journalist and book author, *Work Disrupted* offers a welcome alternative to books on the topic that lack a broad perspective or dwell on the problems rather than offer solutions. Timely and insightful, the book includes the impact of Covid-19 on our present and future work. Interviews with leading thinkers on the future of work offer additional perspectives and guidance. Cartoons created for the book by leading business illustrator Tom Fishburne bring to life the reader's journey and the complex issues surrounding the topic.

"Jeff's marvelous book is a roadmap for the new world of work with clear signposts. His insights will help readers discover opportunities, take action, and find hope in uncertain times. The ideas are fresh, beautifully crafted, and immediately applicable. This is not only a book to be read, but savored and used."

--**Dave Ulrich**, Rensis Likert Professor, Ross School of Business, University of Michigan; Partner, the RBL Group; Co-author *Reinventing the Organization*

MARCH 2021 240PP
978-1-119-76227-0 CL \$28.00 (Japan)
Management / Leadership

Everyday People, Extraordinary Leadership

How to Make a Difference Regardless of Your Title, Role, or Authority

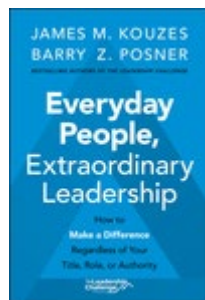
JAMES M. KOUZES, ORINDA, UNITED STATES & BARRY Z. POSNER, BERKELEY, UNITED STATES

Emeritus, Tom Peters Company; Leavey School of Business and Administration and Santa Clara University

PRAISE FOR *Everyday People, Extraordinary Leadership*

"This book is a must-read for anyone who wants to strengthen their leadership capacity to make a positive difference irrespective of title, role, or position. Grounded in evidence-based research that is paired with real-world examples, the book provides five exemplary practices that we can use to guide our leadership journey. It inspires us to do the inner-work of leadership and invest in self-development, and also teaches us how to excel at everyday leadership through visionary thinking, risk-taking, and collaborative actions."—**LYNN WOOTEN**, President, Simmons University

"Jim Kouzes and Barry Posner have discovered the recipe to becoming an exemplary leader. That recipe isn't built upon anecdotal information; it is based on real-world data and decades of research. *Everyday People, Extraordinary Leadership* tells the story about leaders who are all around us and are performing at their personal best every day. I highly recommend this book for all leaders, wherever you may be in your organization."—**DAVID BITTERMAN**, Fellow, American College of Healthcare Executives



MARCH 2021 240PP
978-1-119-68701-6 CL \$25.00 (Japan)
Management / Teams

Applied Risk Analysis for Guiding Homeland Security Policy and Decisions

SAMRAT CHATTERJEE, ROBERT T. BRIGANTIC & ANGELA M. WATERWORTH

Presents various challenges faced by security policy makers and risk analysts, and mathematical approaches that inform homeland security policy development and decision support



Compiled by a group of highly qualified editors, this book provides a clear connection between risk science and homeland security policy making and includes top-notch contributions that uniquely highlight the role of risk analysis for informing homeland security policy decisions. Featuring discussions on various challenges faced in homeland security risk analysis, the book seamlessly divides the subject of risk analysis for homeland security into manageable chapters, which are organized by the concept of risk-informed decisions, methodology for applying risk analysis, and relevant examples and case studies.

Applied Risk Analysis for Guiding Homeland Security Policy and Decisions offers an enlightening overview of risk analysis methods for homeland security. For instance, it presents readers with an exploration of radiological and nuclear risk assessment, along with analysis of uncertainties in radiological and nuclear pathways. It covers the advances in risk analysis for border security, as well as for cyber security. Other topics covered include: strengthening points of entry; systems modeling for rapid containment and casualty mitigation; and disaster preparedness and critical infrastructure resilience.

Applied Risk Analysis for Guiding Homeland Security Policy and Decisions is an excellent textbook and/or supplement for upper-undergraduate and graduate-level courses related to homeland security risk analysis. It will also be an extremely beneficial resource and reference for homeland security policy analysts, risk analysts, and policymakers from private and public sectors, as well as researchers, academics, and practitioners who utilize security risk analysis methods.

SERIES: WILEY SERIES IN OPERATIONS RESEARCH AND MANAGEMENT SCIENCE

MARCH 2021 UnknownPP
978-1-119-28746-9 CL \$130.00 (Japan)
Risk, Contingency & Crisis Management

The Fast Forward MBA in Project Management

The Comprehensive, Easy to Read Handbook for Beginners and Pros, 6th Edition

ERIC VERZUH

The all-inclusive guide to exceptional project management that is trusted by hundreds of thousands of readers--now updated and revised

The Fast Forward MBA in Project Management: The Comprehensive, Easy to Read Handbook for Beginners and Pros, 6th Edition is a comprehensive guide to real-world project management methods, tools, and techniques. Practical, easy-to-use, and deeply thorough, this book gives you the answers you need now. You'll find cutting-edge ideas and hard-won wisdom of one of the field's leading experts, delivered in short, lively segments that address common management issues. Brief descriptions of important concepts, tips on real-world applications, and compact case studies illustrate the most sought-after skills and pitfalls you should watch out for. This sixth edition now includes:

- A brand-new chapter on project quality
- A new chapter on managing media, entertainment, and creative projects
- A new chapter on the project manager's #1 priority: leadership
- A new chapter with the most current practices in Change Management
- Current PMP certification study tips

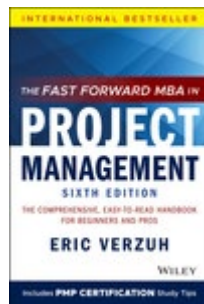
Readers of *The Fast Forward MBA in Project Management* also receive access to new video resources available at the author's website. The book teaches readers how to manage and deliver projects on-time and on-budget by applying the practical strategies and concrete solutions found within. Whether the challenge is finding the right project sponsor, clarifying project objectives, or setting realistic schedules and budget projections, *The Fast Forward MBA in Project Management* shows you what you need to know, the best way to do it, and what to watch out for along the way.

SERIES: FAST FORWARD MBA SERIES

MARCH 2021 544PP

978-1-119-70076-0 PB \$30.00 (Japan)

PROJECT MANAGEMENT



Marketing 5.0

Technology for Humanity

PHILIP KOTLER, EVANSTON, HERMAWAN KARTAJAYA & IWAN SETIAWAN

MarkPlus Strategy Consulting

コトラーのマーケティング 5.0

Rediscover the fundamentals of marketing from the best in the business

In *Marketing 5.0*, the celebrated promoter of the "Four P's of Marketing," Philip Kotler, explains how marketers can use technology to address customers' needs and make a difference in the world.



In a new age when marketers are struggling with the digital transformation of business and the changing behavior of customers, this book provides marketers with a way to integrate technological and business model evolution with the dramatic shifts in consumer behavior that have happened in the last decade.

Following the pattern presented in his bestselling *Marketing X.0* series, Philip Kotler covers the crucial topics necessary to understand modern marketing, including:

- Artificial Intelligence for marketing automation
- Agile marketing
- "Segments of one" marketing
- Contextual technology
- Facial recognition and voice tech for marketing
- The future of Customer Experience (CX)
- Transmedia storytelling
- The "Whatever-Whenever-Wherever" service delivery
- "Everything-As-A-Service" business model
- Internet of Things and blockchain for marketing
- Virtual and augmented reality marketing
- Corporate activism

Perfect for traditional and digital marketers, as well as students and teachers of marketing and business, *Marketing 5.0* reinvigorates the field of marketing with actionable recommendations and unique insights.

MARCH 2021 UnknownPP

978-1-119-66851-0 CL \$28.00 (Japan)

Marketing & Sales

Instagram For Business For Dummies

2nd Edition

JENNIFER HERMAN, ERIC BUTOW & COREY WALKER

Put your best brand story in front of 1+ billion users!

One of the most energetically social of the major social media platforms, Instagram has the highest brand engagement rate of them all. Throw in the app's more than 1 billion active monthly users and its powerful business tools—including shoppable posts, devoted business profiles, and advanced analytics—and you have an unmissable opportunity to tell a gripping story that bonds you with your customers and makes your business an integral part of their social media lives.



The latest edition of *Instagram For Business For Dummies* puts you in the picture on how to showcase your product, craft your narrative, and gather insight into how your customers experience and react to your business. Presented in straightforward, practical language by three Instagram and marketing gurus, you'll swiftly go from setting up your account and profile to applying strategies for writing winning captions and creating content that deliver super-engaged customers.

- Set up your account, profile, and analytics
- Upload content and get smart with IG Stories and live video
- Build and target paid advertising
- Master the art of the hashtag

Whatever your current Instagram skill-level, there's always somewhere new to take you're the story of your business --and there's no better way to begin a gripping new chapter in that story than with this book.

MARCH 2021 352PP
978-1-119-69659-9 PB \$24.99 (Japan)
STRATEGIC MARKETING

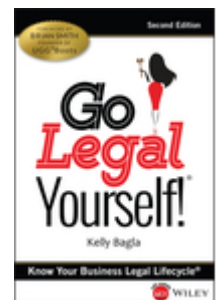
Go Legal Yourself!

Know Your Business Legal Lifecycle, 2nd Edition

KELLY BAGLA

Avoid legal pitfalls for your business from day one

A common characteristic of entrepreneurs is the attitude: "I'm not going to do that until I *absolutely* have to." And it's understandable why: with limited time and resources it seems logical to focus on tasks like product development, production, marketing, and delivery--the ones that get your product or service out into the marketplace. The last thing you want to do is spend money and effort on legal issues, which is why they often drop to the bottom of the pile. But this can be a costly mistake--and *Go Legal Yourself* is here to make sure it's one you avoid.



Attorney, inventor, and businesswoman--named Top Woman Entrepreneur by *LA Dreams Magazine* in 2017--Kelly Bagla knows about doing business from both the entrepreneurial and legal sides of the fence. And in *Go Legal Yourself*, she guides you through the four key legal lifecycle phases every business experiences--and sets you up for worry-free success from day one. Establish yourself as the correct legal entity

- Gather and complete the relevant documentation
- Protect your brand
- Identify and avoid common (and expensive) pitfalls
- Plan and manage growth, enter new markets, and keep a sharp competitive edge

Wherever you are with your business, this book is your guarantee you have all your legal ducks in a row--and that no nasty legal surprises stand between you and your target: success.

MARCH 2021 176PP
978-1-119-74554-9 CL \$19.95 (Japan)
Small Business & Entrepreneurship

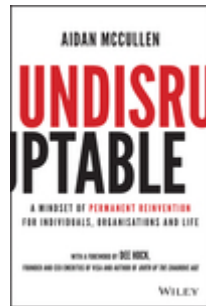
土木工学

Undisruptable

A Mindset of Permanent Reinvention for Individuals, Organisations and Life

AIDAN MCCULLEN

The dictionary definition of disruption is "disturbance or problems that interrupt an event, activity or process". This certainly describes our world of incessant change. Today's world is characterized by the acronym VUCA, volatility, uncertainty, complexity and adversity, the Covid-19 pandemic is just another arrow in the VUCA quiver. In this rapidly changing world, a volley of questions come to mind. What does the future hold? What does this change mean for employment in face of exponential growth of technology? What does it mean for future generations in a changing job market? What does it mean for business leaders navigating waves of disruption? What does it mean for all of us as citizens in a society evolving at breakneck speed?



Undisruptable is a book that brings order to the chaos we are experiencing. While we cannot see into the future, there are repeatable patterns we can understand. *Undisruptable* demystifies the principles of change through a blend of analogies, innovation frameworks and the challenges we face whenever we lead change at a personal or organizational level. The first step to becoming undisruptable is to realize that evolution is a natural part of life, nature provides many examples. Next, by recognizing the cognitive biases, mental limitations, and psychological barriers that hold us back, we can learn to overcome them. Once we understand mental obstacles, we can start our journey towards transformation. *Undisruptable* will help you to:

- Understand the principles of change
- Overcome the barriers to change
- See change as an opportunity and not an obstacle
- Utilize simple frameworks and examples to guide you on your transformation

By the end of this book you will have the essential tools and techniques to foster a reinvention mindset that will help you and your organisation to become Undisruptable.

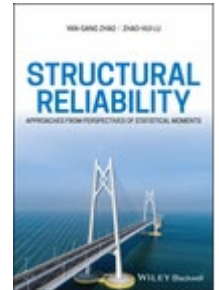
MARCH 2021 256PP
978-1-119-77048-0 CL \$24.95 (Japan)
Business & Management Special Topics

Structural Reliability

Approaches from Perspectives of Statistical Moments

YAN-GANG ZHAO & ZHAO-HUI LU

The aim of this book is to deliver a unified presentation of the theory and techniques with the emphases on the applications of the moment information of random variables for structural reliability. The contents of the book will be useful for post-graduate students, researchers and engineers in the field of civil, mechanical, aerospace and aeronautical and ship engineering, and so forth.



Structural reliability deals with the safety evaluation and risk assessment of engineering structures. The structures include the buildings, bridges, aircrafts, etc., refer to those bodies or systems consisting of some materials in a certain way and having the function of bearing loads and actions. One of the principal aims of structural design is the assurance of structural performance within the constraint of economy. The reliability of a structure can therefore be defined as its ability to fulfill its design purpose for a specified reference period. Since the deterministic approach failed to provide a quantitative measure of safety, probabilistic measure of safety, i.e., the structural reliability theory, has to be used.

The use of the first few moments of random variables and the performance function, in original form or in its first/second order approximation, form the basic content of the book. The methods, being easy to be implemented, can avoid the shortcomings of FORM, such as the design points, derivative-based iterative computation, and thus are expected to be conveniently applied to structural reliability analysis and reliability based design.

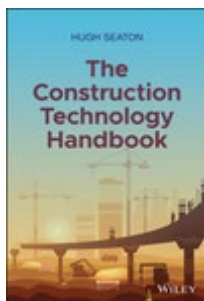
MARCH 2021 420PP
978-1-119-62081-5 CL \$125.00 (Japan)
Structures

The Construction Technology Handbook

HUGH SEATON

Tired of new software that doesn't seem to work in the field? Ready to get your teams up to speed and productive with the latest tools?

The Construction Technology Handbook takes a ground up, no jargon look at technology in the construction industry. From clear, quickly grasped explanations of how popular software actually works to how companies both large and small can efficiently try out and onboard new tools, this book unlocks new ways for construction field teams, firm owners, managers, leaders, and employees to do business.



You'll learn about:

- Simple frameworks for making sense of all the new options cropping up
- How software and data work and how they work together to make your job easier and safer
- What artificial intelligence really is and how it can help real companies today
- Tools that are just over the horizon that will, one day, make your job just a little bit easier
- New and practical resources to help you incorporate an attitude of innovation and technology adoption into your workplace

Perfect for general contractors and subcontractors, *The Construction Technology Handbook* also belongs on the bookshelves of construction technology vendors and construction workers who want to better understand the needs of the construction industry and the inner workings of construction technology, respectively.

MARCH 2021 224PP
978-1-119-71995-3 CL \$45.00 (Japan)
Construction

Wastewater Treatment Technologies

Design Considerations

MRITUNJAY CHAUBEY

SERIES: CHALLENGES IN WATER
MANAGEMENT SERIES

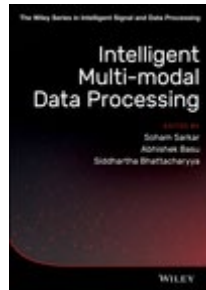
MARCH 2021 252PP
978-1-119-76522-6 CL \$120.00 (Japan)
Wastewater Purification



Intelligent Multi-Modal Data Processing

SOHAM SARKAR, ABHISHEK BASU & SIDDHARTHA BHATTACHARYYA

This book offers contributions on intelligent approach towards emerging areas in signal and data processing. Each chapter is expected to be self-contained and cover an in-depth analysis of state-of-the-art applications of signal and data. The book is aimed to encompass the following broad topics viz., (i) Image Processing, (ii) Audio Processing (iii) Video Processing (iv) Multimedia Data Security.



SERIES: THE WILEY SERIES IN INTELLIGENT SIGNAL AND DATA PROCESSING

MARCH 2021 350PP
978-1-119-57138-4 CL \$135.00 (Japan)
Data Processing

Structural Stability Theory and Practice

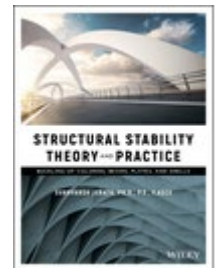
Buckling of Columns, Beams, Plates, and Shells

SUKHVARSH JERATH

Discover the theory of structural stability and its applications in crucial areas in engineering

Structural Stability Theory and Practice: Buckling of Columns, Beams, Plates, and Shells combines necessary information on structural stability into a single, comprehensive resource suitable for practicing engineers and students alike. Written in both US and SI units, this invaluable guide is perfect for readers within and outside of the US. *Structural Stability Theory and Practice: Buckling of Columns, Beams, Plates, and Shell* offers:

- Detailed and patiently developed mathematical derivations and thorough explanations
- Energy methods that are incorporated throughout the chapters
- Connections between theory, design specifications and solutions
- The latest codes and standards from the American Institute of Steel Construction (AISC), Canadian Standards Association (CSA), Australian Standards (SAA), Structural Stability Research Council (SSRC), and Eurocode 3
- Solved and unsolved practice-oriented problems in every chapter, with a solutions manual for unsolved problems included for instructors



Ideal for practicing professionals in civil, mechanical, and aerospace engineering, as well as upper-level undergraduates and graduate students in structural engineering courses, *Structural Stability Theory and Practice: Buckling of Columns, Beams, Plates, and Shell* provides readers with detailed mathematical derivations along with thorough explanations and practical examples.

MARCH 2021 672PP
978-1-119-69452-6 CL \$130.00 (Japan)
Structural Theory & Structural Mechanics

化学工学

Guidelines for Process Safety During the Transient Operating Mode

Managing Risks during Process Start-ups and Shut-downs

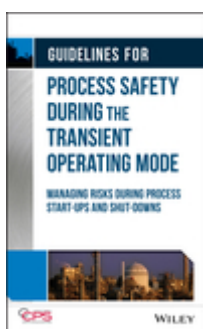
CCPS (CENTER FOR CHEMICAL PROCESS SAFETY)

Prevent operational incidents and reduce risks with an essential CCPS guide

You can help your company reduce its operating risks by learning how to effectively manage transient operations and avoid major incidents. Startups and shutdowns, known as transient operations, can be high-risk periods for manufacturing facilities. *Guidelines for Process Safety During Transient Operations* offers useful guidance in preparing for the safe startup and shutdown of chemical processes. With an understanding of the risks involved, you can work proactively to prevent fatalities, serious injuries, reduced productivity, and costly damage.

This essential guide for plants provides clear examples of how to anticipate and avoid major issues. The book examines safe shutdown procedures in the event of an emergency. You will also gain direction on how to resume operations safely after an unexpected shutdown. The book supports anyone tasked with regulating and overseeing chemical plants and procedures, whether you are an engineer, manager, or government professional.

Guidelines for Process Safety comes to you from The Center for Chemical Process Safety (CCPS), which offers advanced thinking in the critical area of process safety. The organization develops technology and management practices for companies seeking to reduce hazards within the chemical and petrochemical industries.



Distillation

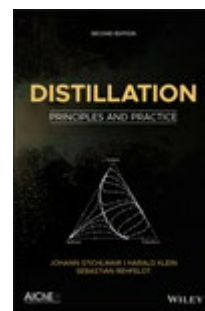
Principles and Practice, 2nd Edition

JOHANN G. STICHLMAIR, HARALD KLEIN & SEBASTIAN REHFELDT

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

Distillation Principles and Practice

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



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

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

MARCH 2021 688PP
978-1-119-41466-7 CL \$195.00 (Japan)
PROCESS ENGINEERING

MARCH 2021 288PP
978-1-119-52915-6 CL \$150.00 (Japan)
Theory, Planning & Management

Engineering Solutions for CO₂ Conversion

EDITOR TOMAS RAMIREZ REINA, EDITOR JOSE A ODRIÓZOLA &
EDITOR HARVEY ARELLANO-GARCIA

A comprehensive guide that offers a review of the current technologies that tackle CO₂ emissions

The race to reduce CO₂ emissions continues to be an urgent global challenge. "Engineering

Solutions for CO₂ Conversion" offers a thorough guide to the most current technologies designed to mitigate CO₂ emissions ranging from CO₂ capture to CO₂ utilization approaches. With contributions from an international panel representing a wide range of expertise, this book contains a

multidisciplinary toolkit that covers the myriad aspects of CO₂ conversion strategies. Comprehensive in scope, it explores the chemical, physical, engineering and economical facets of CO₂ conversion.

"Engineering Solutions for CO₂ Conversion" explores a broad range of topics including linking CFD and process simulations, membranes technologies for efficient CO₂ capture-conversion, biogas sweetening technologies, plasma-assisted conversion of CO₂, and much more.



This important resource:

- * Addresses a pressing concern of global environmental damage, caused by the greenhouse gases emissions from fossil fuels
- * Contains a review of the most current developments on the various aspects of CO₂ capture and utilization strategies
- * Includes information on chemical, physical, engineering and economical facets of CO₂ capture and utilization
- * Offers in-depth insight into materials design, processing characterization, and computer modeling with respect to CO₂ capture and conversion

Written for catalytic chemists, electrochemists, process engineers, chemical engineers, chemists in industry, photochemists, environmental chemists, theoretical chemists, environmental officers, "Engineering Solutions for CO₂ Conversion" provides the most current and expert information on the many aspects and challenges of CO₂ conversion.

MARCH 2021 512PP
978-3-527-34639-4 CL \$215.00 (Japan)
Process Engineering

Nanofiltration

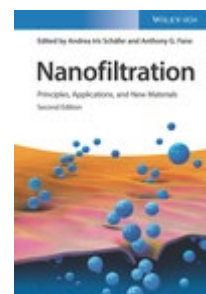
Principles, Applications, and New Materials

2nd Edition

ANDREA IRIS SCHÄUMLER & ANTHONY G. FANE

An updated guide to the growing field of nanofiltration including the most important industrial applications

With contributions from an international panel of experts, the revised second edition of *Nanofiltration* contains a comprehensive overview of this growing field. The book covers the basic principles of nanofiltration including the design and characterizations of nanofiltration membranes. The expert contributors highlight the broad ranges of industrial applications including water treatment, food, pulp and paper, and textiles.



The book explores photocatalytic nanofiltration reactors, organic solvent nanofiltration, as well as nanofiltration in metal and acid recovery. In addition, information on the most recent developments in the field are examined including nanofiltration retentate treatment and renewable energy-powered nanofiltration. The authors also consider the future of nanofiltration materials such as carbon- as well as polymer-based materials. This important book:

- Explores the constantly growing field of membrane science
- Examines the growing industrial sector's use of membranes for water purification
- Covers the most important applications with a thorough overview of the myriad applications in industry
- Contains a section on new membrane materials, including carbon-based and polymer-based materials
- Includes information on artificial ion and water channels as biomimetic membranes

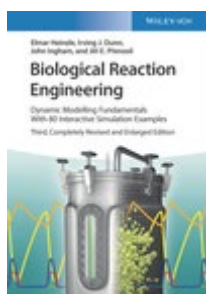
Written for water chemists, environmental chemists, chemical engineers, food chemists, and materials scientists, the second edition of *Nanofiltration* provides a comprehensive overview of the field, outlines the principles of the technology, explores the industrial applications, and discusses new materials.

MARCH 2021 700PP
978-3-527-34690-5 CL \$224.15 (Japan)
Separations

Biological Reaction Engineering

Dynamic Modelling Fundamentals with 80 Interactive Simulation Examples, 3rd Edition

IRVING J. DUNN, ELMAR HEINZLE,
JOHN INGHAM & JIRI E. PRENOSIL



This practical book presents the modeling of dynamic biological engineering processes in a readily comprehensible manner, using the unique combination of simplified fundamental theory and direct hands-on computer simulation. The mathematics is kept to a minimum, and yet the 60 examples illustrate almost every aspect of biological engineering science, with each one described in detail, including the model equations. The programs are written in the modern user-friendly simulation language Berkeley Madonna, which can be run on both Windows PC and Power-Macintosh computers. Madonna solves models comprising many ordinary differential equations using very simple programming, including arrays. It is so powerful that the model parameters may be defined as "sliders", which allow the effect of their change on the model behavior to be seen almost immediately. Data may be included for curve fitting, and sensitivity or multiple runs may be performed. The results can be viewed simultaneously on multiple-graph windows or by using overlays. The examples can be varied to fit any real situation, and the suggested exercises provide practical guidance. The extensive teaching experience of the authors is reflected in this well-balanced presentation, which is suitable for the teacher, student, biochemist or the engineer.

MARCH 2021 560PP
978-3-527-32524-5 CL \$205.00 (Japan)
BIOCHEMICAL ENGINEERING

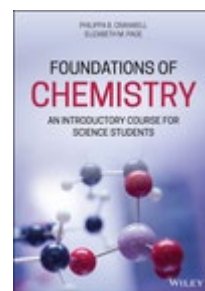
化学

Foundations of Chemistry

An Introductory Course for Science Students

ELIZABETH PAGE & PHILIPPA B. CRANWELL

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



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

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

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

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

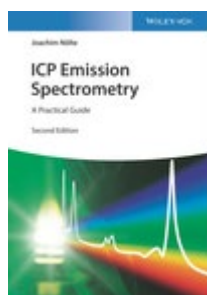
ICP Emission Spectrometry

A Practical Guide, 2nd Edition

JOACHIM NÖLTE, AnalytikSupport, Owingen

A practical guide to ICP emission spectrometry, updated with information on the latest developments and applications

The revised and updated third edition of *ICP Emission Spectrometry* contains all the essential information needed for successful ICP OES analyses. In addition, the third edition reflects the most recent developments and applications in the field. Filled with illustrative examples and written in a user-friendly style, the book contains material on the instrumentation instructions on how to develop effective methods.



Throughout the text, the author--a noted expert on the topic--incorporates typical questions and problems and provides checklists and detailed instructions for implementation. The third edition includes 10 new chapters that cover recent progress in both the application and methodology of the technology. New information on plasma, the optics, and the detector of the spectrometer is also highlighted. This revised third edition:

- Contains fresh chapters on the newest developments
- Presents several new chapters on plasma as well as the optics and the detector of the spectrometer
- Offers a helpful troubleshooting guide as well as examples of practical applications
- Includes myriad illustrative examples

Written for lab technicians, students, environmental chemists, water chemists, soil chemists, soil scientists, geochemists, and materials scientists, *ICP Emission Spectrometry, Third Edition* continues to offer the basics for successful ICP OES analyses and has been updated with the latest developments and applications.

MARCH 2021 262PP
978-3-527-34657-8 PB \$150.00 (Japan)
ANALYTICAL CHEMISTRY

Portable Spectroscopy and Spectrometry 1

Technologies, Instrumentation and Applications

RICHARD A. CROCOMBE, PAULINE E. LEARY & BROOKE KAMMRATH

Provides complete and up-to-date coverage of the foundational principles, enabling technologies, and specific instruments of portable spectrometry

Portable Spectroscopy and Spectrometry: Volume One is both a timely overview of the miniature technologies used in spectrometry, and an authoritative guide to the specific instruments employed in a wide range of disciplines. This much-needed resource is the first comprehensive work to describe the enabling technologies of portable spectrometry, explain how various handheld and portable instruments work, discuss their potential limitations, and provide clear guidance on optimizing their utility and accuracy in the field. In-depth chapters--written by a team of international authors from a wide range of disciplinary backgrounds--have been carefully reviewed both by the editors and by third-party experts to ensure their quality and completeness.

Volume One begins with general discussion of portable spectrometer engineering before moving through the electromagnetic spectrum to cover x-ray fluorescence (XRF), UV-visible, near-infrared, mid-infrared, and Raman spectroscopies. Subsequent chapters examine microplasmas, laser induced breakdown spectroscopy (LIBS), nuclear magnetic resonance (NMR) spectroscopy, and a variety of portable mass spectrometry instrument types. Featuring detailed chapters on DNA instrumentation and biological analyzers--topics of intense interest in light of the global coronavirus pandemic--this timely volume:

- Provides comprehensive coverage of the principles and instruments central to portable spectrometry
- Includes contributions by experienced professionals working in instrument companies, universities, research institutes, the military, and hazardous material teams
- Discusses special topics such as smartphone spectroscopy, optical filter technology, stand-off detection, and MEMS/MOEMS technology
- Covers elemental spectroscopy, optical molecular spectroscopy, mass spectrometry, and molecular and imaging technologies

MARCH 2021 456PP
978-1-119-63636-6 CL \$165.00 (Japan)
Spectroscopy

International Tables for Crystallography, 6th Edition, Teaching Edition Crystallographic Symmetry

6th Edition, Teaching Edition

EDITOR 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

MARCH 2021 250PP
978-0-470-97422-3 PB \$40.00 (Japan)
CRYSTALLOGRAPHY

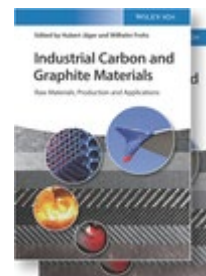
Industrial Carbon and Graphite Materials

Raw Materials, Production and Applications

EDITOR WILHELM FROHS & EDITOR HUBERT JAEGER

An excellent overview of industrial carbon and graphite materials, especially their manufacture, use and applications in industry.

Following a short introduction, the main part of this reference deals with industrial forms, their raw materials, properties and manifold applications. Featuring chapters on carbon and graphite materials in energy application, and as catalysts. It covers all important classes of carbon and graphite, from polygranular materials to fullerenes, and from activated carbon to carbon blacks and nanoforms of carbon. Indispensable for chemists and engineers working in such fields as steel, aluminum, electrochemistry, nanotechnology, catalyst, carbon fibres and lightweight composites.



MARCH 2021 1016PP
978-3-527-33603-6 CL \$470.00 (Japan)
Industrial Chemistry

Innovative and Emerging Technologies for Textile Dyeing and Finishing

LUQMAN JAMEEL RATHER, AMINODDIN HAJI & MOHD SHABBIR

With the public enhanced awareness towards eco-preservation, eco-safety and health concerns, environmentally benign, nontoxic and sustainable bioresource materials produced mainly from non-food crops have revolutionized all industrial sectors particularly textile industry. In recent years, textile industries in developed countries are getting increasing interest in global interest due to the varied and changing world market conditions in terms of price, durability and fiber mixtures as well as design, colors, weight, ease of handling and product safety. The increasing environmental and health concerns owing to the use of large quantities of water and hazardous chemicals in conventional textile finishing processes lead to the design and development of new dyeing strategies and technologies. Effluents produced from these textiles wet processing industries are very diverse in chemical composition, ranging from inorganic finishing agents, surfactants, chlorine compounds, salts, total phosphate to polymers and organic products.



This aspect forced western countries to exploit their high technical skills in the advancements of textile materials for high quality technical performances, and development of cleaner production technologies for cost effective and value-added textile materials. Therefore, vast and effective research investigations have been undertaken all over the world to minimize the negative environmental impact of synthetic chemical agents through the sustainable harvest of eco-friendly bioresource materials.

The book will discuss following research developments in academic and industry:

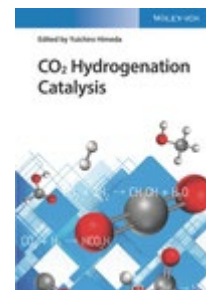
- Improvement in dye extraction and its applications
- Impact of textile dyeing on environment
- Textile finishing by natural and ecofriendly means
- Natural dyes as environmental-friendly bioresource products
- Textile effluent remediation via physical, chemical and biological processes.

MARCH 2021 434PP
978-1-119-71014-1 CL \$225.00 (Japan)
Cellulose/Paper/Textile Chemistry

CO₂ Hydrogenation Catalysis

EDITOR YUICHIRO HIMEDA

Written by an impressive team of authors, this book covers homogeneous and heterogeneous catalytic systems for the transformation of carbon dioxide to fuels and value-added chemicals such as formic acid, methanol, and higher hydrocarbons.



Yuichiro Himeda is a chief senior researcher at the National Institute of Advanced Industrial Science and Technology (AIST) in Japan. He received his Ph.D. in Organic Chemistry from Osaka University (1994). After a postdoctoral stay with Prof. Andrew D. Hamilton at the University of Pittsburgh (1995), he worked on the development of homogeneous catalysis for H₂ storage and CO₂ reduction at AIST. His research interests include the development of homogeneous catalysts based on new concepts, activation of small molecule, and CO₂ utilization for energy storage.

MARCH 2021 320PP
978-3-527-34663-9 CL \$190.00 (Japan)
Catalysis

Halogen Bonding in Solution

STEFAN HUBER

Long-awaited on the importance of halogen bonding in solution, demonstrating the specific advantages in various fields - from synthesis and catalysis to biochemistry and electrochemistry!

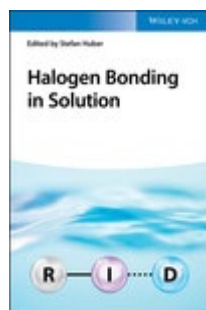
Halogen bonding (XB) describes the interaction between an electron donor and the electrophilic region of a halogen atom. Its applicability for molecular recognition processes long remained unappreciated and has mostly been studied in solid state until recently. As most physiological processes and chemical reactions take place in solution, investigations in solutions are of highest relevance for its use in organic synthesis and catalysis, pharmaceutical chemistry and drug design, electrochemistry, as well as material synthesis.

Halogen Bonding in Solution gives a concise overview of halogen bond interactions in solution. It discusses the history and electronic origin of halogen bonding and summarizes all relevant examples of its application in organocatalysis. It describes the use of molecular iodine in catalysis and industrial applications, as well as recent developments in anion transport and binding.

- Hot topic: Halogen bonding is an important interaction between molecules or within a molecule. The field has developed considerably in recent years, with numerous different approaches and applications having been published.
- Unique: There are several books on halogen bonding in solid state available, but this will be the first one focused on halogen bonding in solution.
- Multi-disciplinary: Summarizes the history and nature of halogen bonding in solution as well as applications in catalysis, anion recognition, biochemistry, and electrochemistry.

Aimed at facilitating exciting future developments in the field, *Halogen Bonding in Solution* is a valuable source of information for researchers and professionals working in the field of supramolecular chemistry, catalysis, biochemistry, drug design, and electrochemistry.

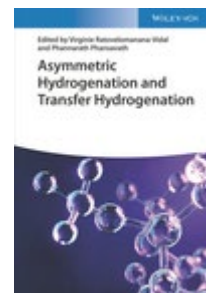
MARCH 2021 416PP
978-3-527-34731-5 CL \$190.00 (Japan)
Catalysis



Asymmetric Hydrogenation and Transfer Hydrogenation

VIRGINIE RATOVELOMANANA-VIDAL & PHANNARATH PHANSAVATH

First book on homogeneous asymmetric hydrogenation and transfer hydrogenation, covering everything from catalyst development, reactions, and mechanisms to applications in academia and industry.



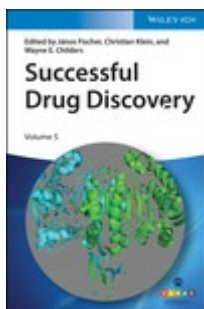
MARCH 2021 384PP
978-3-527-34610-3 CL \$190.00 (Japan)
Homogeneous Catalysis

Successful Drug Discovery

Volume 5

EDITOR JANOS FISCHER, EDITOR CHRISTIAN KLEIN & EDITOR WAYNE E. CHILDERS

Following the successful approach of the previous volumes in the series, the inventors and primary developers of drugs that made it to the market tell the story of the drug's discovery and development and discuss the sometimes twisted route from the first drug candidate molecule to the final marketed drug. After a general section that addresses overarching topics for drug discovery, 8 selected case studies of individual drugs or drug classes describe recently introduced drugs, encompassing small molecules, antibodies and oligonucleotides, thereby providing a representative cross-section of the present-day drug development effort. Backed up by lots of data and chemical information, the insight and experience of the best contemporary drug creators turns this book into one of the most useful training manuals that a junior medicinal chemist can hope to find.



MARCH 2021 336PP
978-3-527-34754-4 CL \$190.00 (Japan)
Drug Discovery & Development

Biologics, Biosimilars, and Biobetters

An Introduction for Pharmacists, Physicians and Other Health Practitioners

EDITOR IQBAL RAMZAN

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



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

MARCH 2021 320PP
978-1-119-56465-2 PB \$150.00 (Japan)
Biopharmaceuticals & Pharmaceutical Biotechnology

Methodologies in Amine Synthesis

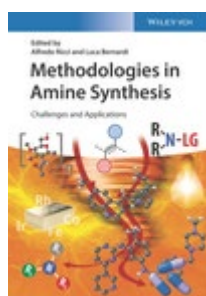
Challenges and Applications

EDITOR ALFREDO RICCI & EDITOR LUCA BERNARDI

Universita di Bologna, Italy

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

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



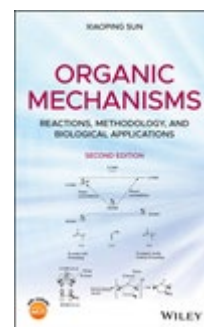
Organic Mechanisms

Reactions, Methodology, and Biological Applications, 2nd Edition

XIAOPING SUN

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

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



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

MARCH 2021 528PP
978-1-119-61882-9 CL \$120.00 (Japan)
ORGANIC CHEMISTRY

Organic Reactions

Volume 104

EDITOR-IN-CHIEF P. ANDREW EVANS

Queen's University, Department of Chemistry, Kingston,
Canada

The 104th 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

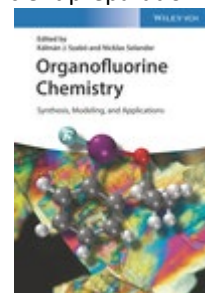
MARCH 2021 928PP
978-1-119-65150-5 CL \$350.00 (Japan)
Organic Chemistry

Organofluorine Chemistry

Synthesis, Modeling, and Applications

EDITOR KALMAN J. SZABO & EDITOR NICKLAS SELANDER

By presenting novel methods for the efficient preparation of fluorinated compounds and their application in pharmaceutical and agrochemical chemistry as well as medicine, this is a valuable source of information for all researchers in academia and industry!



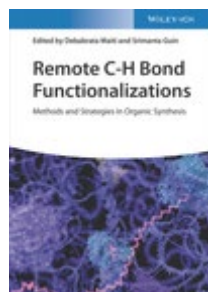
MARCH 2021 456PP
978-3-527-34711-7 CL \$205.00 (Japan)
Organic Chemistry

Remote C-H Bond Functionalizations

Methods and Strategies in Organic Synthesis

EDITOR DEBABRATA MAITI & EDITOR SRIMANTA GUIN

Presenting a systematic compilation of distal C-H functionalizations which belongs to the most important topics in present day organic synthesis. Essential for every synthetic chemist.



MARCH 2021 416PP
978-3-527-34667-7 CL \$205.00 (Japan)
Methods - Synthesis & Techniques

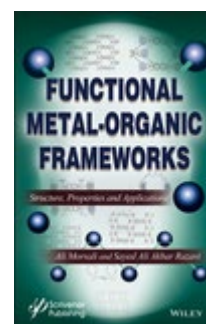
Functional Metal-Organic Frameworks

Structure, Properties and Applications

ALI MORSALI & SAYED ALI AKBAR RAZAVI

Tarbiat Modares University, Tehran, Iran; Tarbiat Modares University, Tehran, Iran

Owing to the extensive interest in construction of functional metal organic frameworks (FMOFs), this book discusses the roles of functional groups on the structure and application of metal organic frameworks (MOFs). The contents of the book are classified based on the structural and chemical properties of organic functions, in order to make readers able to compare the different effects of each function on the structure and application of the MOFs.



In each chapter, the chemical properties of applied functional groups are gathered to give deeper insight into the roles of organic functions in the structure and application of MOFs. In the function-application properties, the authors discuss how a functional group can dominate the host-guest chemistry of the MOFs and how this host-guest chemistry can expand the effectiveness and efficiency of the material in different fields of applications. Finally, function-structure properties are discussed. In function-application properties, it is discussed how a functional group can affect the topology, porosity, flexibility and stability of the framework. The features of this subject are novel and are presented for the first time.

MARCH 2021 256PP
978-1-119-64043-1 CL \$195.00 (Japan)
Supramolecular Chemistry

Solar-to-Chemical Conversion

Photocatalytic and Photoelectrochemical Processes

EDITOR HONGQI SUN

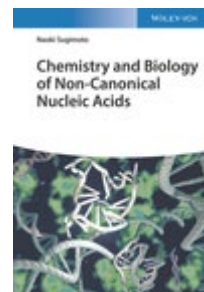
This comprehensive book systematically covers the fundamentals in solar energy conversion to chemicals, either fuels or chemical products. It includes natural photosynthesis with emphasis on artificial processes for solar energy conversion and utilization. The chemical processes of solar energy conversion via homogeneous and/or heterogeneous photocatalysis has been described with the mechanistic insights. It also consists of reaction systems toward a variety of applications, such as water splitting for hydrogen or oxygen evolution, photocatalytic CO₂ reduction to fuels, and light driven N₂ fixation, etc. This unique book offers the readers a broad view of solar energy utilization based on chemical processes and their perspectives for future sustainability.

MARCH 2021 496PP
978-3-527-34718-6 CL \$178.50 (Japan)
Photochemistry

Chemistry and Biology of Non-canonical Nucleic Acids

NAOKI SUGIMOTO

Non-canonical nucleic acid becomes more and more important in the regulation of life process. This book systematically introduces the chemistry and biology of non-canonical nucleic acids. It will not only show the respect to researchers who dedicated to this field, but also offers great opportunities for the young generation to expand their horizon.



Professor Naoki Sugimoto received his Ph.D. degree from Kyoto University, Japan in 1985. After postdoctoral and research associate works at University of Rochester, NY, USA, he joined Konan University, Japan as an assistant professor in 1988. He is promoted as an associate professor in 1991, and then he becomes a full professor since 1994. From 2003, he is a director of Frontier Institute for Biomolecular Engineering Research (FIBER) at Konan University. He has published more than 400 scientific papers and books. He has received specific awards inside and outside of Japan. He is also member of the Editorial Board of the Nucleic Acids Research (~2007) and Scientific Reports (~2015). Now he is President of the Japan Society of Nucleic Acids Chemistry.

MARCH 2021 280PP
978-3-527-34521-2 CL \$175.00 (Japan)
Biochemistry (Chemical Biology)

Ribozymes

Principles, Methods, Applications

EDITOR SABINE MULLER, EDITOR BENOIT MASQUIDA & EDITOR WADE WINKLER

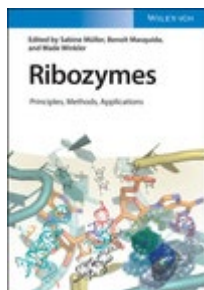
Provides comprehensive coverage of a core field in the molecular biosciences, bringing together decades of knowledge from the world's top professionals in the field

Timely and unique in its breadth of content, this all-encompassing and authoritative reference on ribozymes documents the great diversity of nucleic acid base catalysis. It integrates the knowledge gained over the past 35 years in the field and features contributions from virtually every leading expert on the subject.

Ribozymes is organized into six major parts. It starts by describing general principles and strategies of nucleic acid catalysis. It then introduces naturally occurring ribozymes and includes the search for new catalytic motifs or novel genomic locations of known motifs. Next, it covers the development and design of engineered ribozymes, before moving on to DNAzymes as a close relative of ribozymes. The next part examines the use of ribozymes for medicinal and environmental diagnostics, as well as for therapeutic tools. It finishes with a look at the tools and methods in ribozyme research, including the techniques and assays for structural and functional characterization of nucleic acid catalysts.

Ribozymes is an unmatched resource for all biochemists, biotechnologists, molecular biologists, and bioengineers interested in the topic.

MARCH 2021 840PP
978-3-527-34454-3 CL \$445.00 (Japan)
Biochemistry (Chemical Biology)



DNA- and RNA-Based Computing Systems

EDITOR EVGENY KATZ

Clarkson University, Potsdam, N.Y., USA

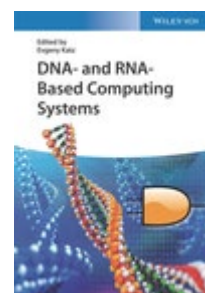
Discover the science of biocomputing with this comprehensive and forward-looking new resource

DNA- and RNA-Based Computing Systems delivers an authoritative overview of DNA- and RNA-based biocomputing systems that touches on cutting-edge advancements in computer science, biotechnology, nanotechnology, and materials science. Accomplished researcher, academic, and author Evgeny Katz offers readers an examination of the intersection of computational, chemical, materials, and engineering aspects of biomolecular information processing.

A perfect companion to the recently published *Enzyme-Based Computing* by the same editor, the book is an authoritative reference for those who hope to better understand DNA- and RNA-based logic gates, multi-component logic networks, combinatorial calculators, and related computational systems that have recently been developed for use in biocomputing devices. *DNA- and RNA-Based Computing Systems* summarizes the latest research efforts in this rapidly evolving field and points to possible future research foci.

Perfect for biochemists, biotechnologists, materials scientists, and bioengineers, *DNA- and RNA-Based Computing Systems* also belongs on the bookshelves of computer technologists and electrical engineers who seek to improve their understanding of biomolecular information processing. Senior undergraduate students and graduate students in biochemistry, materials science, and computer science will also benefit from this book.

MARCH 2021 432PP
978-3-527-34720-9 CL \$215.00 (Japan)
Biomolecules (DNA, RNA, Peptides, etc.)



コンピューティング

Microsoft 365 Portable Genius

LISA A. BUCKI, LEICESTER

Microsoft 365 Portable Genius

contains practical advice and covers the key features of Microsoft 365 in a concise, fast-paced guide perfect for those new to Microsoft software. This full-color guide features clearly worded instructions as well as illustrations so that anyone may learn the ins and outs of Microsoft 365.

Even experienced users can discover new tips and tricks to maximize their experience and eliminate hassles.



With organizations and businesses adopting Microsoft 365 as their medium for collaboration, now is the perfect time to learn the techniques that will allow you to benefit from all the services and applications available to users. Whether you are experienced or novice, this guide will offer valuable information including how to:

- Manage your daily activities in one view with Outlook
- Utilize a growing catalog of premium templates for Word, Excel, and PowerPoint, that include high-impact photos and 3D models
- Back up and access photos and files on all your devices with 1 TB of OneDrive cloud storage
- Access your files with the new Office mobile app for Android and iOS that combines Word, Excel, and PowerPoint into one single app

A comprehensive index designed for easy navigation, concise instructions, and a small, portable size makes this the ideal guide for Microsoft 365 users on the go.

SERIES: PORTABLE GENIUS

MARCH 2021 UnknownPP
978-1-119-76367-3 PB \$19.99 (Japan)
Office Productivity - Microsoft (General & Office suite)

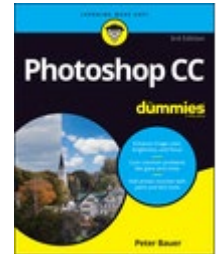
Adobe Photoshop CC For Dummies

3rd Edition

PETER BAUER

Get picture perfect with Photoshop CC

Photoshop is a stunning program that puts the power of a professional photography studio into your hands, but it can also be a jungle to navigate--with a dense proliferation of menus, panels, shortcuts, plug-ins, and add-ons to get thoroughly lost in. Written by a literal Photoshop Hall of Famer, the new edition of *Photoshop CC For Dummies* is your experienced guide to the technical terrain, slashing away the foliage for a clear picture of how to produce the perfectly framed and beautifully curated images you want.



Beginning with an overview of the basic kit bag you need for your journey toward visual mastery, Peter Bauer--Photoshop instructor and an award-winning fine art photographer in his own right--shows you how to build your skills and enrich your creative palette with enhanced colors and tone, filters and layering, and even how undertake a foray into digital painting. Add in instructions on combining text with images and the how-tos of video and animation editing, and you have all the tools you need to carve out a one-person multimedia empire.

- Master everything from the basics to professional insider tips
- Combine, layer, tone, and paint your images
- Explore the colorfully creative world of Photoshop filters
- Fix common problems

You'll find everything on the latest version of the software that you could dream of--and an improved shot at artistic success!

MARCH 2021 UnknownPP
978-1-119-71177-3 PB \$34.99 (Japan)
GRAPHICS & DESIGN SOFTWARE (NON-MICROSOFT)

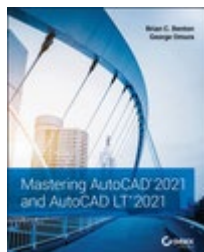
Mastering AutoCAD 2021 and AutoCAD LT 2021

BRIAN C. BENTON & GEORGE OMURA

Master New Skills in AutoCAD and AutoCAD LT with this Best-Selling Guide

Every year, *Mastering AutoCAD* appears at the top of the AutoCAD book sales charts because of the comprehensive instruction and concise explanations found within.

The expert authors the newest edition continue that tradition of excellence in *Mastering AutoCAD 2021 and AutoCAD LT 2021*, the leading reference and tutorial offering a thorough treatment of AutoCAD tools, functions, and techniques. You'll learn the most straightforward ways to tackle design tasks with the accompanying real-world examples, downloadable project files, and step-by-step instructions.



The book covers CAD interface basics, drafting tools, how to use hatches, fields, and tables, and advanced skills like attributes, dynamic blocks, drawing curves, and solid fills. It also helps you prepare for Autodesk AutoCAD certification.

Coverage includes:

- Creating and developing AutoCAD drawings
- Drawing curves and applying solid fills
- Effectively using hatches, fields, and tables
- Manipulating dynamic blocks and attributes
- Applying 3D modeling and imaging techniques
- Customizing and integrating your AutoCAD software
- Mastering interface basics and drafting tools
- Organizing objects with blocks and groups
- Selecting objects and editing with grips
- Displaying object properties
- Design a Wide Variety of Architectural Projects
- Effectively use Hatches, Tables, and Fields
- Use 3D Modeling and Imaging
- Configure Default Template Settings and Custom Styles
- Prepare for the Autodesk AutoCAD Certification Exams

MARCH 2021 1120PP
978-1-119-71535-1 PB \$70.00 (Japan)
GRAPHICS & DESIGN SOFTWARE (NON-MICROSOFT)

QuickBooks Online For Dummies

6th Edition

DAVID RINGSTROM

Master the world's most popular cloud software for bookkeeping and accounting.

QuickBooks Online For Dummies, 6th Edition collects and provides the best and most current information available for those looking to get the most out of the leading QuickBooks Online software. Perfect for small business owners, managers, and employees, *QuickBooks Online For Dummies* delivers the newest and most up-to-date advice based on the latest versions of QuickBooks Online. The 6th Edition is written by a seasoned author of more than seventy books.



Whether you're a QuickBooks Online newbie or seasoned pro, you'll find actionable and accessible advice in this new edition. Get tips on:

- Creating invoices and credit memos
- Recording sales receipts
- Recording and paying bills
- Setting up inventory items
- Tracking business checkbook and credit cards
- And more

No longer will you have to struggle through your interactions with the most used bookkeeping and accounting software in the world. Master this technology with the straightforward and accessible approach made famous by the *For Dummies* series.

MARCH 2021 496PP
978-1-119-67907-3 PB \$29.99 (Japan)
OTHER SOFTWARE (NON-MICROSOFT)

Windows 10 All-in-One For Dummies

4th Edition

WOODY LEONHARD

Phuket Island, Thailand

Dig into the ins and outs of Windows 10

Computer users have been "doing Windows" since the 1980s. That long run doesn't mean everyone knows the best-kept secrets of the globally ubiquitous operating system. *Windows 10*

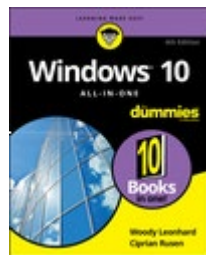
All-in-One For Dummies, 4th Edition offers a deep guide for navigating the basics of Windows 10 and diving into more advanced features.

Authors and recognized Windows experts Ciprian Rusen and Woody Leonhard deliver a comprehensive and practical resource that provides the knowledge you need to operate Windows 10, along with a few shortcuts to make using a computer feel less like work.

This book teaches you all about the most important parts of Windows 10, including:

- Installing and starting a fresh Windows 10 installation
- Personalizing Windows 10
- Using Universal Apps in Windows 10
- How to control your system through the Control Panel in Windows 10
- Securing Windows 10 against a universe of threats

Windows 10 All-in-One For Dummies, 4th Edition is perfect for business users of Windows 10 who need to maximize their productivity and efficiency with the operating system. It also belongs on the bookshelf of anyone who hopes to improve their general Windows 10 literacy, from the complete novice to the power-user.



MARCH 2021 UnknownPP
978-1-119-68057-4 PB \$39.99 (Japan)
OPERATING SYSTEMS / MICROSOFT WINDOWS

Linux Command Line and Shell Scripting Bible

4th Edition

RICHARD BLUM, INDIANAPOLIS & CHRISTINE BRESNAHAN, INDIANAPOLIS

Advance your understanding of the Linux command line with this invaluable resource

Linux Command Line and Shell Scripting Bible, 4th Edition is the newest installment in the indispensable series known to Linux developers all over the world. Packed with concrete strategies and practical tips, the latest edition includes brand-new content covering:

- Understanding the Shell
- Writing Simple Script Utilities
- Producing Database, Web & Email Scripts
- Creating Fun Little Shell Scripts

Written by accomplished Linux professionals Christine Bresnahan and Richard Blum, *Linux Command Line and Shell Scripting Bible, 4th Edition* teaches readers the fundamentals and advanced topics necessary for a comprehensive understanding of shell scripting in Linux. The book is filled with real-world examples and usable scripts, helping readers navigate the challenging Linux environment with ease and convenience.

The book is perfect for anyone who uses Linux at home or in the office and will quickly find a place on every Linux enthusiast's bookshelf.



SERIES: BIBLE
MARCH 2021 832PP
978-1-119-70091-3 PB \$50.00 (Japan)
OPERATING SYSTEMS / LINUX & UNIX

コミュニケーション

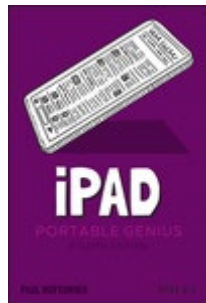
iPad Portable Genius

4th Edition

PAUL MCFEDRIES, TORONTO, ONTARIO, CANADA

Increase your iPad IQ with this genius-level guide to the Apple iPad

If you want to squeeze every last bit of incredible from your Apple iPad we've got you covered with this newly revised *iPad Portable Genius*. Want to learn how to connect to a network? How to configure your tablet? How to surf the web more comfortably? All while keeping your identity and accounts private and secure?



With the *iPad Portable Genius* as your guide, you'll unlock the full potential of your iPad in no time at all. You'll learn how to:

- Get the most out of sending and receiving your email
- Have fun with your images and take crystal-clear photos every time
- Shoot and edit video right on your iPad
- Manage your busy schedule with calendars

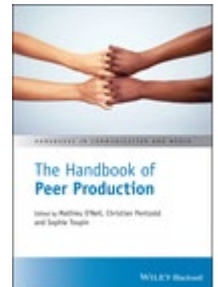
Perfect for anyone looking to save time and reveal the true power and flexibility of their iPad, the *iPad Portable Genius, Fourth Edition* contains all the new, engaging, and extensively illustrated info you need to master your tablet.

SERIES: PORTABLE GENIUS
MARCH 2021 UnknownPP
978-1-119-76358-1 PB \$19.99 (Japan)
COMPUTER HARDWARE / MACINTOSH

The Handbook of Peer Production

EDITOR MATHIEU O'NEIL, EDITOR CHRISTIAN PENTZOLD &
EDITOR SOPHIE TOUPIN

The definitive reference work with comprehensive analysis and review of peer production



Peer production is no longer the sole domain of small groups of technical or academic elites. The internet has enabled millions of people to collectively produce, revise, and distribute everything from computer operating systems and applications to encyclopedia articles and film and television databases. Today, peer production has branched out to include wireless networks, online currencies, biohacking, and peer-to-peer urbanism, amongst others. *The Handbook of Peer Production* outlines central concepts, examines current and emerging areas of application, and analyzes the forms and principles of cooperation that continue to impact multiple areas of production and sociality.

Featuring contributions from an international team of experts in the field, this landmark work maps the origins and manifestations of peer production, discusses the factors and conditions that are enabling, advancing, and co-opting peer production, and considers its current impact and potential consequences for the social order. Detailed chapters address the governance, political economy, and cultures of peer production, user motivations, social rules and norms, the role of peer production in social change and activism, and much more.

The Handbook of Peer Production is an indispensable resource for students, instructors, researchers, and professionals working in fields including communication studies, science and technology studies, sociology, and management studies, as well as those interested in the network information economy, the public domain, and new forms of organization and networking.

SERIES: HANDBOOKS IN COMMUNICATION AND MEDIA

MARCH 2021 480PP
978-1-119-53710-6 CL \$210.00 (Japan)
General Communication & Media Studies

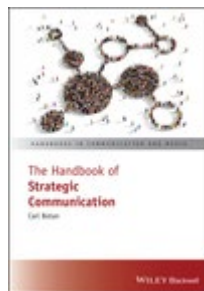
The Handbook of Strategic Communication

CARL H. BOTAN

George Mason University

Presents cocreational perspectives on current international practices and theories relevant to strategic communication

The *Handbook of Strategic Communication* brings together work from leading scholars and practitioners in the field to explore the many national and cultural differences in modern approaches to strategic communication. Designed to provide a coherent understanding of strategic communication across various subfields, this authoritative volume familiarizes practitioners, researchers, and advanced students with an inclusive range of international practices, current theories, and contemporary debates and issues in this dynamic multidisciplinary field.



The *Handbook* covers an expansive range of strategic communication models, theories, and applications, comprising two dozen in-depth chapters written by 47 international scholars and practitioners. In-depth essays discuss the three core areas of strategic communication--public relations, marketing communication, and health communication--and their many subfields, such as political communication, issues management, crisis and risk communication, environmental and science communication, public diplomacy, disaster management, strategic communication for social movements and religious communities, and many others.

The *Handbook of Strategic Communication* is an indispensable resource for practitioners, researchers, scholars, and students involved in any aspect of strategic communication across its many subfields.

SERIES: HANDBOOKS IN COMMUNICATION AND MEDIA

MARCH 2021 UnknownPP
978-1-118-85214-9 CL \$210.00 (Japan)
General Communication & Media Studies

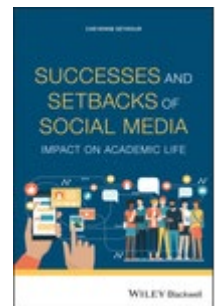
Successes and Setbacks of Social Media

Impact on Academic Life

EDITOR CHEYENNE SEYMOUR

Discover the real-life impacts of social media use through a collection of fascinating academic perspectives

Successes and Setbacks of Social Media: Impact on Academic Life rigorously explores the positive and negative impacts of social media as a communication tool. The book incorporates a diverse group of opinions and perspectives, all of which reflect on how social media might influence academic success, relationships, self-worth, and engagement with virtual networks.



Accomplished academic and editor Dr. Cheyenne Seymour delivers an insightful examination of the different ways that social media can catapult people into success or failure. Four key areas are explored: academics, authenticity, relationships, and self-worth. Each area contains a synthesis of the latest research, supplemented with contributions that explore the negative and positive aspects of each area. The editor also includes perspectives that discuss emerging technologies, the impact they have on social media, and the impacts they might have in the future.

Perfect for advanced undergraduate and graduate level students across a variety of disciplines, but particularly in courses on social media, mass communication, relational communication, and strategic communication, *Successes and Setbacks of Social Media* also belongs on the bookshelves of anyone with even a passing interest in the real-world impacts of social media usage.

MARCH 2021 192PP
978-1-119-69518-9 PB \$39.95 (Japan)
Mass Communication & The Media

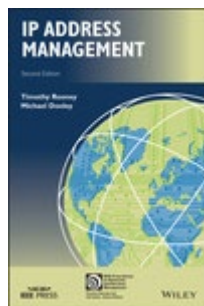
コンピュータサイエンス

IP Address Management

2nd Edition

TIMOTHY ROONEY & MICHAEL DOOLEY

This new edition discusses IP address management (IPAM) needs and methods that have evolved over the past decade. Such evolution includes mainstream use of private and public cloud services, maturation of IPv6 implementations, increased interest in DNS security approaches, and proliferation of Internet of Things (IoT) devices. These broad trends are serving to broaden the IPAM purview of network managers. The book begins with a basic overview of IP networking, including a discussion of protocol layering, addressing, and routing. After a review of the IP address management (IPAM) technologies, the book introduces the major components, motivation, benefits, and basic approaches of IPAM.



SERIES: IEEE PRESS SERIES ON NETWORKS AND SERVICE MANAGEMENT

MARCH 2021 592PP
978-1-119-69227-0 CL \$135.00 (Japan)
NETWORKING

Programming Kotlin Applications

Building Mobile and Server-Side Applications with Kotlin

BRETT MCLAUGHLIN

Learn to program with Kotlin, one of the fastest-growing programming languages available today

Programming Kotlin Applications: Building Mobile and Server-Side Applications with Kotlin drops readers into the fast lane for learning to develop with the Kotlin programming language. Authored by accomplished cloud consultant and technology professional Brett McLaughlin, *Programming Kotlin Applications* provides readers with the pragmatic and practical advice they need to build their very first Kotlin applications.

Designed to give readers a thorough understanding of Kotlin that goes beyond mere mobile programming, this book will help you:

- Learn how to develop your first Kotlin project
- Understand how Kotlin securely protects and stores information
- Advocate for using Kotlin in your own professional and personal environments
- Understand Kotlin's goals and how to use it as its best
- Know when to avoid using Kotlin

Programming Kotlin Applications is written in a highly approachable and accessible way without the fluff and unrealistic samples that characterize some of its competitor guides. Perfect for developers familiar with another object-oriented programming language like Java or Ruby, or for people who want to advance their skillset in the Kotlin environment, this book is an indispensable addition to any programmer's library.

MARCH 2021 384PP
978-1-119-69618-6 PB \$45.00 (Japan)
Programming & Software Development



C++ All-in-One For Dummies

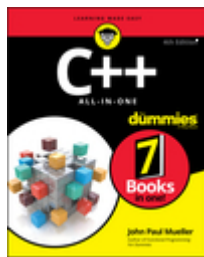
4th Edition

JOHN PAUL MUELLER, LA VALLE, UNITED STATES & JEFFREY M. COGSWELL

Independent Consultant, Bakersfield, CA

Get ready for C++20 with all you need to know for complete mastery!

Your comprehensive and updated guide to one of the world's most popular programming languages is here! Whether you're a novice or expert, you'll find what you need to get going with the latest features of C++20. The workhorse of programming languages, C++ gives you the utmost control of data usage and interface and resource allocation. If your job involves data, proficiency in C++ means you're indispensable!



This edition gives you 8 books in 1 for total C++ mastery. Inside, internationally renowned expert John Paul Mueller takes you from the fundamentals of working with objects and classes to writing applications that use paradigms not normally associated with C++, such as those used for functional programming strategies. The book also includes online resources such as source code. You discover how to use a C++ GNU compiler to build applications and even how to use your mobile device for coding.

- Conquer advanced programming and troubleshooting
- Streamline your code with lambda expressions
- Use C++ where you need it: for gaming, enterprise applications, and Web services
- Uncover object secrets including the use of design patterns
- Discover how to use functional programming techniques to make code concise and easy to read

If you want to be your organization's C++ guru, *C++ All-in-One for Dummies* is where it's at!

MARCH 2021 912PP
978-1-119-60174-6 PB \$39.99 (Japan)
PROGRAMMING / C & C++

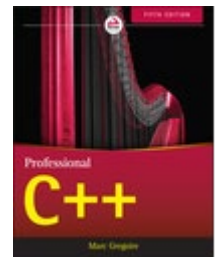
Professional C++

5th Edition

MARC GREGOIRE

Improve your existing C++ competencies quickly and efficiently with this advanced volume

Professional C++, 5th Edition raises the bar for advanced programming manuals. Complete with a comprehensive overview of the new capabilities of C++20, each feature of the newly updated programming language is explained in detail and with examples. Case studies that include extensive, working code round out the already impressive educational material found within.



Without a doubt, the new 5th Edition of *Professional C++* is the leading resource for dedicated and knowledgeable professionals who desire to advance their skills and improve their abilities. This book contains resources to help readers:

- Maximize the capabilities of C++ with effective design solutions
- Master little-known elements of the language and learn what to avoid
- Adopt new workarounds and testing/debugging best practices
- Utilize real-world program segments in your own applications

Notoriously complex and unforgiving, C++ requires its practitioners to remain abreast of the latest developments and advancements. *Professional C++*, 5th Edition ensures that its readers will do just that.

MARCH 2021 UnknownPP
978-1-119-69540-0 PB \$65.00 (Japan)
PROGRAMMING / C & C++

WordPress For Dummies

9th Edition

LISA SABIN-WILSON, WEST BEND, UNITED STATES

Get to know WordPress with this simple and approachable reference

WordPress For Dummies, 9th Edition helps readers discover the power of the WordPress web content building tool. Web builders have created 75 million websites using WordPress and this book will show you how to add your blogs and websites to that count.



WordPress For Dummies, 9th Edition drops you right into the fast lane to publishing your first website or blog by teaching you to:

- Customize a theme
- Create your first post
- Use WordPress as a content management system
- Work with multimedia formats
- Add plugins to your site
- Establish a publishing routine

Perfect for new bloggers, experienced bloggers converting to WordPress for the first time, and people accustomed to WordPress who want to learn more about the full potential of the technology, *WordPress for Dummies, 9th Edition* is an indispensable addition to the library of every blogger and webmaster.

MARCH 2021 480PP
978-1-119-69697-1 PB \$29.99 (Japan)
WEB SITE DEVELOPMENT

Reports, Dashboards and Apps Using Microsoft Power Platform

SIVAKUMAR HARINATH, BOTHELL, TESSA HURR, AMANDA RIVERA & WILL THOMPSON

Teaches Excel, Tableau, and Qlikview users how to get the most insight and analysis from Microsoft's Power Platform suite for data analysis and visualization



Microsoft Power Platform enables users to visualize data and share insights throughout an entire organization. Able to connect to any source on-premises or in the cloud, this powerful business analytics solution is rated as a leader in Gartner's Business Intelligence Magic Quadrant--ranking ahead of Tableau and Qlik. *Reports, Dashboards and Apps Using Microsoft Power Platform* helps readers understand the Power Platform suite, adopt and adapt the products based on their business needs, and transform how their organizations gain insights about business process optimization.

Written by members of the Microsoft team that built Power Platform, this authoritative book instructs readers on the effective, hands-on use of these technologies. Excel users seeking to upgrade for better analysis and visualization and Tableau or Qlikview users looking to integrate with Power Platform more easily will find the information invaluable. This book enables readers to:

- Prepare data models and author reports
- Create dashboards
- Manage dashboards and at enterprise scale
- Use Power Apps to create actionable insights
- Automate processes using Microsoft Flow

Reports, Dashboards and Apps Using Microsoft Power Platform is an essential guide for Business Intelligence professionals, analysts, data scientists, developers, and Excel, Tableau, and Qlikview power users.

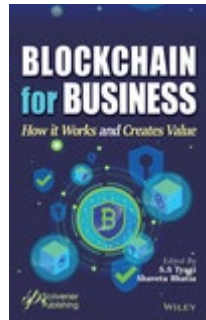
MARCH 2021 UnknownPP
978-1-119-60918-6 PB \$50.00 (Japan)
Data Mining & Knowledge Discovery

Blockchain for Business

How it Works and Creates Value

S. S. TYAGI & SHAVETA BHATIA

The book focuses on the power of business blockchain. It gives an overview of blockchain in traditional business, marketing, accounting and business intelligence. The book provides a detailed working knowledge of blockchain, user cases of blockchain in business, cryptocurrency and Initial Coin Offering(ICO) along with the risks associated with them. The book also covers the detailed study of decentralization, mining, consensus, smart contracts, concepts and working of distributed ledgers and hyper ledgers as well as many other important concepts. It also details the security and privacy aspects of blockchain. The book is beneficial for readers who are preparing for their business careers, those who are working with small scale businesses and startups, and helpful for business executives, managers, entrepreneurs, bankers, government officials and legal professionals who are looking to blockchain for secure financial transactions. The book will also be beneficial for researchers and students who want to study the latest developments of blockchain.



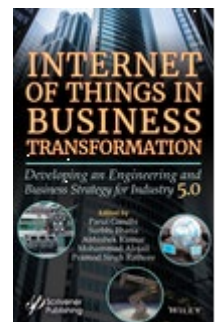
MARCH 2021 400PP
978-1-119-71104-9 CL \$175.00 (Japan)
Artificial Intelligence

Internet of Things in Business Transformation

Developing an Engineering and Business Strategy for Industry 5.0

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

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

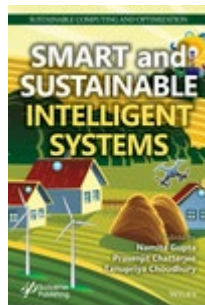


MARCH 2021 320PP
978-1-119-71112-4 CL \$195.00 (Japan)
Artificial Intelligence

Smart Sustainable Intelligent Systems

NAMITA GUPTA, PRASENJIT CHATTERJEE & TANUPRIYA CHOUDHURY

The world is experiencing an unprecedented period of change and growth through all the electronic and technological developments and everyone on the planet has been impacted. What was once 'science fiction', today it is a reality. This book explores the world of many of once unthinkable advancements by explaining current technologies in great detail. Each chapter focuses on a different aspect - Machine Vision, Pattern Analysis and Image Processing - Advanced Trends in Computational Intelligence and Data Analytics - Futuristic Communication Technologies - Disruptive Technologies for Future Sustainability. The chapters include the list of topics that spans all the areas of smart intelligent systems and computing such as: Data Mining with Soft Computing, Evolutionary Computing, Quantum Computing, Expert Systems, Next Generation Communication, Blockchain and Trust Management, Intelligent Biometrics, Multi-Valued Logical Systems, Cloud Computing and security etc. An extensive list of bibliographic references at the end of each chapter guides the reader to probe further into application area of interest to him/her.



SERIES: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING FOR INDUSTRIAL TRANSFORMATION

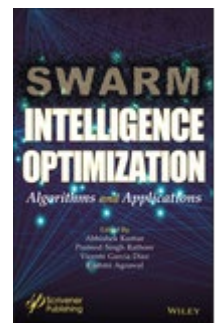
MARCH 2021 576PP
978-1-119-75058-1 CL \$249.00 (Japan)
Artificial Intelligence

Swarm Intelligence Optimization

Algorithms and Applications

EDITOR ABHISHEK KUMAR, EDITOR PRAMOD SINGH RATHORE,
EDITOR VICENTE GARCIA DIAZ & EDITOR RASHMI AGRAWAL

Resource optimization has always been a thrust area of research, and as the Internet of Things (IoT) is the most talked about topic of the current era of technology, it has become the need of the hour. Therefore, the idea behind this book was to simplify the journey of those who aspire to understand resource optimization in the IoT. To this end, included in this book are various real-time/offline applications and algorithms/case studies in the fields of engineering, computer science, information security, and cloud computing, along with the modern tools and various technologies used in systems, leaving the reader with a high level of understanding of various techniques and algorithms used in resource optimization.



MARCH 2021 384PP
978-1-119-77874-5 CL \$225.00 (Japan)
Artificial Intelligence

Fog, Edge, and Pervasive Computing in Intelligent IoT Driven Applications

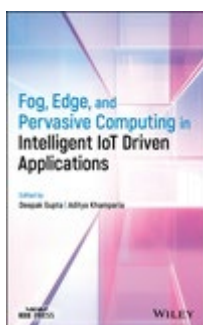
EDITOR DEEPAK GUPTA & EDITOR ADITYA KHAMPARIA

A practical guide to the design, implementation, evaluation, and deployment of emerging technologies for intelligent IoT applications

With the rapid development in artificially intelligent and hybrid technologies, IoT, edge, fog-driven, and pervasive computing techniques are becoming important parts of our daily lives. This book focuses on recent advances, roles, and benefits of these technologies, describing the latest intelligent systems from a practical point of view. *Fog, Edge, and Pervasive Computing in Intelligent IoT Driven Applications* is also valuable for engineers and professionals trying to solve practical, economic, or technical problems. With a uniquely practical approach spanning multiple fields of interest, contributors cover theory, applications, and design methodologies for intelligent systems. These technologies are rapidly transforming engineering, industry, and agriculture by enabling real-time processing of data via computational, resource-oriented metaheuristics and machine learning algorithms. As edge/fog computing and associated technologies are implemented far and wide, we are now able to solve previously intractable problems.

Researchers, graduate students, and practitioners working in the intelligent systems domain will appreciate this book's practical orientation and comprehensive coverage. Intelligent IoT is revolutionizing every industry and field today, and *Fog, Edge, and Pervasive Computing in Intelligent IoT Driven Applications* provides the background, orientation, and inspiration needed to begin.

MARCH 2021 448PP
978-1-119-67007-0 CL \$120.00 (Japan)
Grid & Cloud Computing



文化研究

Enneagram For Dummies

JEANETTE VAN STIJN

Enneagram For Dummies will introduce you to the world of the Enneagram. This book will get you acquainted with the Enneagram and the different personality types. Are you excitable? Do you crave structure? The book will explain not only the psychological side, but also the spiritual path is described in an understandable way. And more importantly, the self-development method is explained in detail. This book will provide you the knowledge that until now you could only acquire in a training. An absolute must have for anyone who works professionally with the Enneagram!



MARCH 2021 UnknownPP
978-1-119-77112-8 PB \$22.99 (Japan)
Popular Culture

A Companion to Fritz Lang

EDITOR JOE MCELHANEY

Hunter College, City University of New York, USA

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



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

SERIES: WILEY BLACKWELL COMPANIONS TO FILM DIRECTORS

MARCH 2021 640PP
978-1-119-06905-8 PB \$59.95 (Japan)
9780470670972 CL \$209.00 (Japan), Published Jan 2015
Film Studies

A Companion to Latin American Cinema

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

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

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



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

SERIES: WILEY BLACKWELL COMPANIONS TO NATIONAL CINEMAS

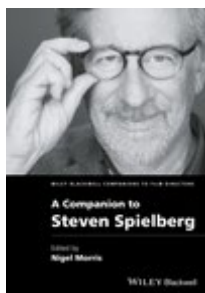
MARCH 2021 UnknownPP
978-1-119-32920-6 PB \$57.25 (Japan)
9781118552889 CL \$ 202.75 (Japan), Published Apr 2017
Film Studies

A Companion to Steven Spielberg

EDITOR NIGEL MORRIS

University of Lincoln, UK

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



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

SERIES: WILEY BLACKWELL COMPANIONS TO FILM DIRECTORS

MARCH 2021 UnknownPP
978-1-119-32784-4 PB \$59.95 (Japan)
9781118726914 CL \$59.95 (Japan), Published Jan 2017
Film Studies

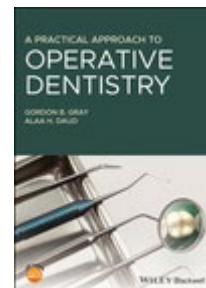
歯学

A Practical Approach to Operative Dentistry

GORDON B. GRAY & ALAA H. DAUD

Perfect your transferable dental clinical skills with this new and highly practical reference

A Practical Approach to Operative Dentistry delivers a thorough exploration of the theoretical and practical aspects of operative dentistry, followed by an illustrated step-by-step guide of common clinical procedures.



Designed to remind students of the key steps of a variety of operative procedures, it is heavily illustrated with over 400 images of clinical procedures and covers core topics such as:

- Instruments and matrices, isolation, dental charting, and the use of minimally invasive dentistry
- Treatment of intracoronal restorations, including pit and fissure caries, posterior approximal restorations, anterior restorations and restorations in the cervical third
- Exploration of extracoronal restorations, including gold restorations, porcelain fused to metal and ceramic crowns

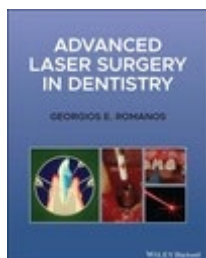
A Practical Approach to Operative Dentistry is the perfect textbook for undergraduate dental students. It is also useful to dentistry graduates undertaking clinical rotations during their Dental Foundation Training, and overseas graduates preparing to take the Overseas Registration Examination (ORE) held by the General Dental Council, or the License in Dental Surgery (LDS) exam of the Royal College of Surgeons.

MARCH 2021 325PP
978-1-119-60842-4 PB \$135.00 (Japan)
General Dentistry

Advanced Laser Surgery in Dentistry

GEORGIOS E. ROMANOS

Advanced Laser Surgery in Dentistry delivers a state-of-the-art reference for laser technology in the context of a dental practice. The book encompasses oral surgery, periodontology, and implant dentistry, covering the latest research, knowledge, and clinical practices. The author demonstrates the clinical relevance by including many real-world clinical cases that illustrate the application of the discussed techniques.



The book includes high-quality, color photographs throughout to support the text and add visual information to the covered topics, which include wound healing, oral surgery, periodontology, implant dentistry, and laser fundamentals and safety considerations. *Advanced Laser Surgery in Dentistry* provides readers with a step-by-step guide for using lasers in dental practice and discusses likely new directions and possible future treatments in the rapidly advancing field of laser dentistry. Readers will also benefit from a wide variety of subjects, including:

- A thorough introduction to the fundamentals of lasers, including the beam, the laser cavity, active mediums, lenses, resonators, and delivery systems
- An exploration of lasers and wound healing, including soft tissue and bone healing, as well as laser-assisted excisions and osteotomies
- An analysis of lasers in periodontology, including laser-assisted bacteria reduction in the periodontal tissues and the removal of subgingival dental calculus
- A discussion of lasers in implant dentistry and treatment for peri-implantitis

Perfect for oral and maxillofacial surgeons, periodontists, and implant dentists, as well as general dentists, *Advanced Laser Surgery in Dentistry* will also earn a place in the libraries of dental students and residents seeking to improve their understanding of laser-based oral and dental procedures with a carefully organized reference guide.

MARCH 2021 UnknownPP
978-1-119-58330-1 CL \$199.99 (Japan)
Oral & Maxillofacial Surgery

Clinical Guide to Oral Diseases

DIMITRIS MALAMOS & CRISPIAN SCULLY

University College London

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



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

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

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

MARCH 2021 448PP
978-1-119-32811-7 PB \$50.00 (Japan)
Oral Pathology

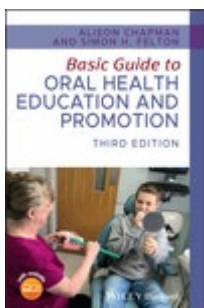
Basic Guide to Oral Health Education and Promotion

3rd Edition

ALISON CHAPMAN & SIMON FELTON

Bristol Dental Hospital, UK; Professional writer, UK

The thoroughly revised third edition of a *Basic Guide to Oral Health Education and Promotion* is an essential guide to help dental nurses prepare for a qualification in Oral Health Education and thereafter practice as an Oral Health Educator. It will help readers confidently educate patients about diseases and conditions that affect the oral cavity, and support their prevention, treatment, and management.



Designed with an accessible layout to enhance learning, this course companion is divided into six sections covering: the structure and functions of the oral cavity; diseases and conditions; disease prevention; effective communication; treating specific patient groups, and oral health promotion and society.

Invaluable to all members of the dental team and other health professionals involved in educating and promoting oral health, this key text:

- Offers a guide for dental nurses taking a post-registration Certificate in Oral Health Education
- Is fully updated to reflect changes in the industry, science, and course syllabus
- Incorporates information on the new classification of periodontal and peri-implant diseases
- Contains new information on topics including dementia, denture advice, and burning mouth syndrome
- Includes an expanded section on promotion

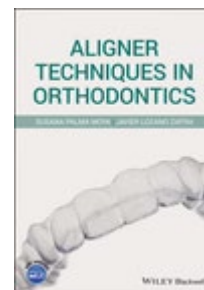
SERIES: BASIC GUIDE DENTISTRY SERIES

MARCH 2021 335PP
978-1-119-59162-7 PB \$55.00 (Japan)
DENTAL NURSING

Aligner Techniques in Orthodontics

JAVIER LOZANO ZAFRA & SUSANA PALMA MOYA

An essential guide to the theoretical and practical clinical information on different aligner techniques in orthodontics



Aligner Techniques in Orthodontics is filled with the theoretical and practical clinical information on the popular aligner techniques with a focus on Invisalign. Written by practicing orthodontists and noted experts on the topic, the book is designed to help practitioners develop their skills in using aligners in orthodontics. The authors describe in detail the clear and simple methods for treating patients using different aligner techniques, as well as material on treating any given malocclusion.

The book is filled with descriptive illustrations and includes helpful suggestions and ideas for implementing the various aligner techniques. This important guide:

- Provides theoretical and practical clinical information on different aligner techniques including Invisalign
- Offers clear and simple methods to treat patients using different aligner techniques
- Explains how to use clear aligners to treat a given malocclusion
- Written by two renowned experts in Align and Invisalign technology

Written for practicing orthodontists and general dentists, *Aligner Techniques in Orthodontics* provides an invaluable resource for practicing orthodontists.

MARCH 2021 182PP
978-1-119-60722-9 PB \$195.00 (Japan)
Orthodontics

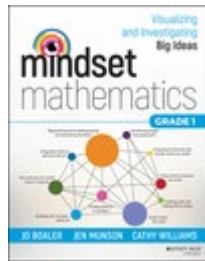
教育

Mindset Mathematics: Visualizing and Investigating Big Ideas, Grade 1

JO BOALER, JEN MUNSON & CATHY WILLIAMS

Engage students in mathematics using growth mindset techniques

The most challenging parts of teaching mathematics are engaging students and helping them understand the connections between mathematics concepts. In this volume, you'll find a collection of low floor, high ceiling tasks that will help you do just that, by looking at the big ideas at the first-grade level through visualization, play, and investigation.



During their work with tens of thousands of teachers, authors Jo Boaler, Jen Munson, and Cathy Williams heard the same message--that they want to incorporate more brain science into their math instruction, but they need guidance in the techniques that work best to get across the concepts they needed to teach. So the authors designed *Mindset Mathematics* around the principle of active student engagement, with tasks that reflect the latest brain science on learning. Open, creative, and visual math tasks have been shown to improve student test scores, and more importantly change their relationship with mathematics and start believing in their own potential.

With engaging questions, open-ended tasks, and four-color visuals that will help kids get excited about mathematics, *Mindset Mathematics* is organized around nine big ideas which emphasize the connections within the Common Core State Standards (CCSS) and can be used with any current curriculum.

SERIES: MINDSET MATHEMATICS

MARCH 2021 272PP
978-1-119-35862-6 PB \$24.95 (Japan)
Mathematics

電気電子工学

Basic Electrical and Instrumentation Engineering

P. SIVARAMAN, C. SHARMEELA, A. THAIYAL NAYAGI & R. MAHENDRAN

Electrical and instrumentation engineering is changing rapidly, and it is important for the veteran engineer in the field not only to have a valuable and reliable reference work which he or she can consult for basic concepts, but also to be up to date on any changes to basic equipment or processes that might have occurred in the field. Covering all of the basic concepts, from three-phase power supply and its various types of connection and conversion, to power equation and discussions of the protection of power system, to transformers, voltage regulation, and many other concepts, this volume is the one-stop, "go to" for all of the engineer's questions on basic electrical and instrumentation engineering.

There are chapters covering the construction and working principle of the DC machine, all varieties of motors, fundamental concepts and operating principles of measuring, and instrumentation, both from a "high end" point of view and the point of view of developing countries, emphasizing low-cost methods.

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

MARCH 2021 368PP
978-1-119-76446-5 CL \$195.00 (Japan)
General & Introductory Electrical & Electronics Engineering

Engineering Research

Design, Methods, and Publication

HERMAN TANG

Master the fundamentals of planning, preparing, conducting, and presenting engineering research with this one-stop resource

Engineering Research: Design, Methods, and Publication delivers a concise but comprehensive guide on how to properly conceive and execute research projects within an engineering field. Accomplished professional and author Herman Tang covers the foundational and advanced topics necessary to understand engineering research, from conceiving an idea to disseminating the results of the project.



Organized in the same order as the most common sequence of activities for an engineering research project, the book is split into three parts and nine chapters. The book begins with a section focused on proposal development and literature review, followed by a description of data and methods that explores quantitative and qualitative experiments and analysis, and ends with a section on project presentation and preparation of scholarly publication.

Engineering Research offers readers the opportunity to understand the methodology of the entire process of engineering research in the real world. The author focuses on executable process and principle-guided exercise as opposed to abstract theory.

Perfect for advanced undergraduate and engineering students taking research methods courses, *Engineering Research* also belongs on the bookshelves of engineering and technical professionals who wish to brush up on their knowledge about planning, preparing, conducting, and presenting their own scientific research.

MARCH 2021 416PP
978-1-119-62448-6 CL \$135.00 (Japan)
Engineering Management

CubeSat Antenna Design

NACER CHAHAT

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

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



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

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

SERIES: WILEY – IEEE

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

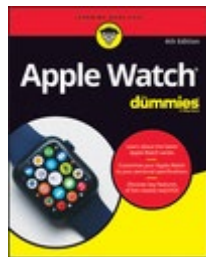
Apple Watch For Dummies

4th Edition

MARC SALTZMAN

**Explore the vast
yet compact world on your wrist!**

So you've bought an Apple Watch and you've been having a really great time talking to your wrist, but now you're wondering what other sorts of fun trouble you can find. For that, the updated edition of *Apple Watch For Dummies* is your perfect guide, providing a friendly overview of the latest series of Apple Watches on the new OS. Whatever you want to achieve—peak health via sleep-tracking and an app-based fitness plan, the ability to navigate your way out of a scary forest at night using the GPS and torch functions, or just a convenient method of finding your iPhone—everything you need to know about the amazing device on your wrist is right here at your fingertips.



Marc Saltzman—journalist, lecturer, TV personality, and host of "Gear Guide," a tech-focused video that reaches 60 million viewers a year—expertly guides you through the wrist-based virtual world opened up by Apple's compact wonder-gadget, taking you from the basics of the interface and buttons, through to practical applications like Apple Pay, and then on to the nifty stuff, like chatting to friends on Walkie Talkie, checking your blood oxygen levels, or unlocking your hotel room door with a casual flick of your wrist.

- Get au fait with display and buttons
- Keep in touch via calls, texts, and more
- Manage your media, finances, health, work, and more
- Dive into the wonderful world of apps

Whatever it is you think you'll use your Apple Watch for, you'll end up doing much, much more.

MARCH 2021 UnknownPP
978-1-119-77682-6 PB \$26.99 (Japan)
MOBILE & WIRELESS COMMUNICATIONS

SCADA Security

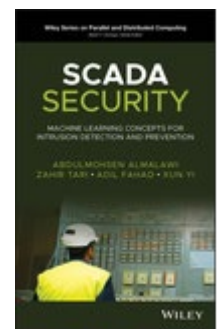
Machine Learning Concepts for Intrusion Detection and Prevention

ABDULMOHSEN ALMALAWI, ZAHIR TARI, ADIL FAHAD & XUN YI

The Royal Melbourne Institute of Technology, Australia

**Examines the design and use of
Intrusion Detection Systems (IDS) to
secure Supervisory Control and Data
Acquisition (SCADA) systems**

Cyber-attacks on SCADA systems—the control system architecture that uses computers, networked data communications, and graphical user interfaces for high-level process supervisory management—can lead to costly financial consequences or even result in loss of life. Minimizing potential risks and responding to malicious actions requires innovative approaches for monitoring SCADA systems and protecting them from targeted attacks. *SCADA Security: Machine Learning Concepts for Intrusion Detection and Prevention* is designed to help security and networking professionals develop and deploy accurate and effective Intrusion Detection Systems (IDS) for SCADA systems that leverage autonomous machine learning. Providing expert insights, practical advice, and up-to-date coverage of developments in SCADA security, this authoritative guide presents a new approach for efficient unsupervised IDS driven by SCADA-specific data. Organized into eight in-depth chapters, the text first discusses how traditional IT attacks can also be possible against SCADA, and describes essential SCADA concepts, systems, architectures, and main components. Following chapters introduce various SCADA security frameworks and approaches, including evaluating security with virtualization-based SCADA VT, using SDAD to extract proximity-based detection, finding a global and efficient anomaly threshold with GATUD, and more.



SERIES: WILEY SERIES ON PARALLEL AND DISTRIBUTED COMPUTING

MARCH 2021 224PP
978-1-119-60603-1 CL \$125.00 (Japan)
Control Systems Technology

Design for Excellence in Electronics Manufacturing

CHERYL TULKOFF & GREG CASWELL

An authoritative guide to optimizing design for manufacturability and reliability from a team of experts

Design for Excellence in Electronics Manufacturing is a comprehensive, state-of-the-art book that covers design and reliability of electronics. The authors--noted experts on the topic--explain how using the DfX concepts of design for reliability, design for manufacturability, design for environment, design for testability, and more, reduce research and development costs and decrease time to market and allow companies to confidently issue warranty coverage.



By employing the concepts outlined in *Design for Excellence in Electronics Manufacturing*, engineers and managers can increase customer satisfaction, market share, and long-term profits. In addition, the authors describe the best practices regarding product design and show how the practices can be adapted for different manufacturing processes, suppliers, use environments, and reliability expectations. This important book:

- Contains a comprehensive review of the design and reliability of electronics
- Covers a range of topics: establishing a reliability program, design for the use environment, design for manufacturability, and more
- Includes technical information on electronic packaging, discrete components, and assembly processes
- Shows how aspects of electronics can fail under different environmental stresses

Written for reliability engineers, electronics engineers, design engineers, component engineers, and others, *Design for Excellence in Electronics Manufacturing* is a comprehensive book that reveals how to get product design right the first time.

SERIES: QUALITY AND RELIABILITY ENGINEERING SERIES

MARCH 2021 368PP
978-1-119-10937-2 CL \$130.00 (Japan)
Quality & Reliability

Design for Maintainability

EDITOR LOUIS J. GULLO & EDITOR JACK DIXON

How to design for optimum maintenance capabilities and minimize the repair time

Design for Maintainability offers engineers a wide range of tools and techniques for incorporating maintainability into the design process for complex systems. With contributions from noted experts on the topic, the book explains how to design for optimum maintenance capabilities while simultaneously minimizing the time to repair equipment.



The book contains a wealth of examples and the most up-to-date maintainability design practices that have proven to result in better system readiness, shorter downtimes, and substantial cost savings over the entire system life cycle, thereby, decreasing the Total Cost of Ownership. Design for Maintainability offers a wealth of design practices not covered in typical engineering books, thus allowing readers to think outside the box when developing maintainability design requirements. The book's principles and practices can help engineers to dramatically improve their ability to compete in global markets and gain widespread customer satisfaction.

Written for design and logistic engineers and managers, *Design for Maintainability* is a comprehensive resource of the most reliable techniques for creating maintainability in when designing a product.

SERIES: QUALITY AND RELIABILITY ENGINEERING SERIES

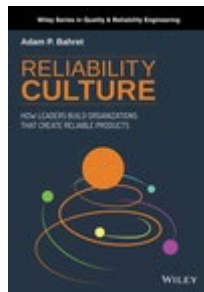
MARCH 2021 352PP
978-1-119-57851-2 CL \$140.00 (Japan)
Quality & Reliability

Reliability Culture

How Leaders Build Organizations that Create Reliable Products

ADAM P. BAHRET

Most technology companies understand the importance of reliability when it comes to product development. The testing tools, analysis methods, etc. The problem with the implementation of reliability often doesn't come from the engineers; it often comes from the organizational leaders. The leaders don't translate all the factors of the program, time to market, cost point, features, and reliability to the teams in the same manner that the company holds these goals. The result is released products that don't match the carefully crafted product specifications when in the customer's hands. This book shows senior leadership how to build a culture that is both centered around reliability and can generate impressive profits. They don't have to compromise. Leadership will see how their actions affect product development in a new light. They will be introduced to new methods that will immediately enable them to have those crafted product specifications translate into matching highly reliable products. This book will also be a breath of fresh air for reliability engineers and managers; they will see their daily struggle identified, clearly summarized, and methods for advancing their passionate struggle. New methods that they can incorporate and promote in their organizations will be clearly explained so they can begin this process.



SERIES: QUALITY AND RELIABILITY ENGINEERING SERIES

MARCH 2021 304PP
978-1-119-61243-8 CL \$110.00 (Japan)
Quality & Reliability

Reliability Engineering

3rd Edition

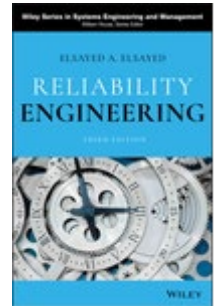
ELSAIED A. ELSAYED

Get a firm handle on the engineering reliability process with this insightful and complete resource

The newly and thoroughly revised 3rd Edition of *Reliability Engineering* delivers a comprehensive and insightful analysis of this crucial field. Accomplished author, professor, and engineer, Elsayed. A. Elsayed includes new examples and end-of-chapter problems to illustrate concepts, new chapters on resilience and the physics of failure, revised chapters on reliability and hazard functions, and more case studies illustrating the approaches and methodologies described within.

The book combines analyses of system reliability estimation for time independent and time dependent models with the construction of the likelihood function and its use in estimating the parameters of failure time distribution. It concludes by addressing the physics of failures, mechanical reliability, and system resilience, along with an explanation of how to ensure reliability objectives by providing preventive and scheduled maintenance and warranty policies.

Perfect for first-year graduate students in industrial and systems engineering, *Reliability Engineering, 3rd Edition* also belongs on the bookshelves of practicing professionals in research laboratories and defense industries. The book offers a practical and approachable treatment of a complex area, combining the most crucial foundational knowledge with necessary and advanced topics.



SERIES: WILEY SERIES IN SYSTEMS ENGINEERING AND MANAGEMENT

MARCH 2021 928PP
978-1-119-66592-2 CL \$164.95 (Japan)
QUALITY & RELIABILITY

Magnetic Memory Technology

Spin-transfer-Torque MRAM and Beyond

DENNY D. TANG & CHI-FENG PAI

This book first provides the basics of magnetism that electrical engineering students in the semiconductor curriculum can easily understand. Then, it goes one step forward to discuss electron spin. Following the above background discussion, readers are taught the physics of magnetic tunnel junction device (MTJ), the work horse of MRAM, for memory applications. At the end of this book, the author gives a comparison of emerging non-volatile memories (PCM, ReRAM, FeRAM and MRAM). The author also explores MRAM's unique quality among emerging memories, in that is the only one in which the atoms in the device do not move when switching states. This property makes it the most reliable and low power.



MARCH 2021 368PP
978-1-119-56223-8 CL \$140.00 (Japan)
Semiconductors

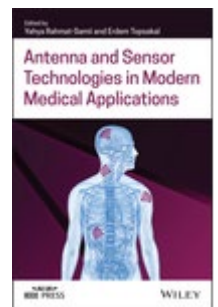
Antenna and Sensor Technologies in Modern Medical Applications

YAHYA RAHMAT-SAMII & ERDEM TOPSAKAL

University of California at Los Angeles

A guide to the theory and recent development in the medical use of antenna technology

Antenna and Sensor Technologies in Modern Medical Applications offers a comprehensive review of the theoretical background, design, and the latest developments in the application of antenna technology. Written by two experts in the field, the book presents the most recent research in the burgeoning field of wireless medical telemetry and sensing that covers both wearable and implantable antenna and sensor technologies.



The authors review the integrated devices that include various types of sensors wired within a wearable garment that can be paired with external devices. The text covers important developments in sensor-integrated clothing that are synonymous with athletic apparel with built-in electronics. Information on implantable devices is also covered. The book explores technologies that utilize both inductive coupling and far field propagation. These include minimally invasive microwave ablation antennas, wireless targeted drug delivery, and much more.

Written for students of engineering and antenna and sensor engineers, *Antenna and Sensor Technologies in Modern Medical Applications* is an essential guide to understanding human body interaction with antennas and sensors.

SERIES: WILEY – IEEE

MARCH 2021 560PP
978-1-119-68330-8 CL \$155.00 (Japan)
Sensors, Instrumentation & Measurement

Fundamentals of IoT and Wearable Technology Design

HAIDER RAAD

This book provides a comprehensive guide to the design and prototyping of wearable technology and internet of things (IoT), in addition to their various components, applications, and practical considerations. The book also offers detailed design and prototyping of vital examples of these technologies covering all practical considerations. The authors begin with an introduction and brief history of wearable tech and IoT. They then move on to describe applications of the technology in the fields of biomedicine, civil defense, education, and more. This is followed by a review of electronic and digital circuits and other critical components. Later chapters discuss product development, security and privacy concerns, and software development.

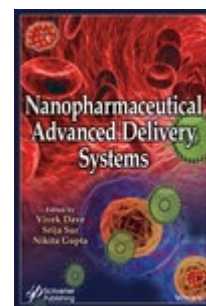


MARCH 2021 UnknownPP
978-1-119-61753-2 CL \$125.00 (Japan)
Sensors, Instrumentation & Measurement

Nanopharmaceutical Advanced Delivery Systems

VIVEK DAVE, NIKITA GUPTA & SRIJA SUR

The book provides a single volume covering detailed descriptions about various delivery systems, their principles and how these are put in use for the treatment of multiple diseases. It is divided into four sections where the first section deals with the introduction and importance of novel drug delivery system. The second section deals with the most advanced drug delivery systems like microbubbles, dendrimers, lipid-based nanoparticles, nanofibers, microemulsions etc., describing the major principles and techniques of the preparations of the drug delivery systems. The third section elaborates on the treatments of diverse diseases like cancer, topical diseases, tuberculosis etc. The fourth and final section provides a brief informative description about the regulatory aspects of novel drug delivery system that is followed in various countries.



MARCH 2021 UnknownPP
978-1-119-71166-7 CL \$249.00 (Japan)
Computer Engineering

エネルギー

Arc Flash Hazard Analysis and Mitigation

2nd Edition

J. C. DAS

Indian Institute of Technology

The book is a guide for electrical engineers engaged in the design, operation and maintenance, consulting engineers, facility managers and safety professionals. The calculations of short-circuits, protective relaying and varied electrical system configurations in industrial power systems are addressed. The text covers protection systems that address differential relays, arc flash sensing relays, protective relaying coordination, current transformer operation and saturation and applications to major electrical equipment from the arc flash considerations. The book also explores current technologies and strategies for arc flash mitigation. Review questions and references follow each chapter.



SERIES: IEEE PRESS SERIES ON POWER ENGINEERING

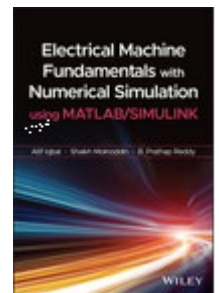
MARCH 2021 624PP
978-1-119-70974-9 CL \$145.00 (Japan)
POWER ELECTRONICS

Electrical Machine Fundamentals with Numerical Simulation using MATLAB / SIMULINK

ATIF IQBAL, SHAIKH MOINODDIN & B. PRATHAP REDDY

Aligarh Muslim University

The book will focus on the basic understanding of the concept of electrical machines (working principles, equivalent circuit, and analysis) and will provide the simulation models of every type of machine described in the book. The book will elaborate on the fundamental concepts of electrical machines along with several numerical problems and simulation models using Matlab/Simulink.



MARCH 2021 550PP
978-1-119-68263-9 CL \$145.00 (Japan)
Power Electronics

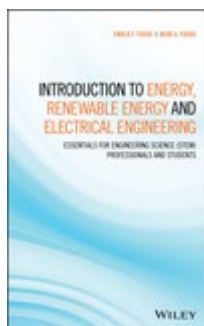
Introduction to Energy, Renewable Energy and Electrical Engineering

Essentials for Engineering Science (STEM)
Professionals and Students

EWALD F. FUCHS & HEIDI A. FUCHS

A great resource for beginner students and professionals alike

Introduction to Energy, Renewable Energy and Electrical Engineering: Essentials for Engineering Science (STEM) Professionals and Students brings together the fundamentals of Carnot's laws of thermodynamics, Coulomb's law, electric circuit theory, and semiconductor technology. The book is the perfect introduction to energy-related fields for undergraduates and non-electrical engineering students and professionals with knowledge of Calculus III. Its unique combination of foundational concepts and advanced applications delivered with focused examples serves to leave the reader with a practical and comprehensive overview of the subject.



The book includes:

- A combination of analytical and software solutions in order to relate aspects of electric circuits at an accessible level
- A thorough description of compensation of flux weakening (CFW) applied to inverter-fed, variable-speed drives not seen anywhere else in the literature
- Numerous application examples of solutions using PSICE, Mathematica, and finite difference/finite element solutions such as detailed magnetic flux distributions

Connecting the energy-related technology and application discussions with urgent issues of energy conservation and renewable energy--such as photovoltaics and ground-water heat pump resulting in a zero-emissions dwelling--*Introduction to Energy, Renewable Energy, and Electrical Engineering* crafts a truly modern and relevant approach to its subject matter.

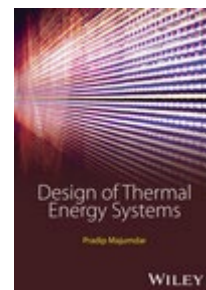
MARCH 2021 784PP
978-1-119-44833-4 CL \$135.00 (Japan)
Power Electronics

Design of Thermal Energy Systems

PRADIP MAJUMDAR, NORTHERN ILLINOIS UNIVERSITY, USA

A comprehensive introduction to the design and analysis of thermal energy systems

Design of Thermal Energy Systems covers the fundamentals and applications in thermal energy systems and components, including conventional power generation and cooling systems, renewable energy systems, heat recovery systems, heat sinks and thermal management. Practical examples are used throughout and are drawn from solar energy systems, fuel cell and battery thermal management, electrical and electronics cooling, engine exhaust heat and emissions, and manufacturing processes. Recent research topics such as steady and unsteady state simulation and optimization methods are also included.



Key features:

- Provides a comprehensive introduction to the design and analysis of thermal energy systems, covering fundamentals and applications.
- Includes a wide range of industrial application problems and worked out example problems.
- Applies thermal analysis techniques to generate design specification and ratings.
- Demonstrates how to design thermal systems and components to meet engineering specifications.
- Considers alternative options and allows for the estimation of cost and feasibility of thermal systems.
- Accompanied by a website including software for design and analysis, a solutions manual, and presentation files with PowerPoint slides.

The book is essential reading for: practicing engineers in energy and power industries; consulting engineers in mechanical, electrical and chemical engineering; and senior undergraduate and graduate engineering students.

MARCH 2021 600PP
978-1-118-95693-9 CL \$145.00 (Japan)
General Energy

Well Logging

WILSON C. CHIN

SERIES: ADVANCES IN PETROLEUM ENGINEERING

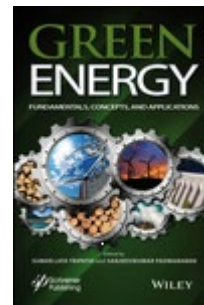
MARCH 2021 UnknownPP
978-1-119-28332-4 CL \$195.00 (Japan)
Fossil Fuels

Green Energy

Fundamentals, Concepts, and Applications

SUMAN LATA TRIPATHI & SANJEEVKUMAR PADMANABAN

Like most industries around the world, the energy industry has also made, and continues to make, a long march toward "green" energy. The science has come a long way since the 1970s, and renewable energy and other green technologies are becoming more and more common, replacing fossil fuels. It is, however, still a struggle, both in terms of energy sources keeping up with demand, and the development of useful technologies in this area.



To maintain the supply for electrical energy, researchers, engineers and other professionals in industry are continuously exploring new eco-friendly energy technologies and power electronics, such as solar, wind, tidal, wave, bioenergy, and fuel cells. These technologies have changed the concepts of thermal, hydro and nuclear energy resources by the adaption of power electronics advancement and revolutionary development in lower manufacturing cost for semiconductors with long time reliability. The latest developments in renewable resources have proved their potential to boost the economy of any country. Green energy technology has not only proved the concept of clean energy but also reduces the dependencies on fossil fuel for electricity generation through smart power electronics integration. Also, endless resources have more potential to cope with the requirements of smart building and smart city concepts. A valuable reference for engineers, scientists, chemists, and students, this volume is applicable to many different fields, across many different industries, at all levels. It is a must-have for any library.

MARCH 2021 614PP
978-1-119-76076-4 CL \$249.00 (Japan)
Renewable Energy

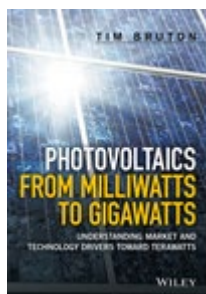
Photovoltaics from Milliwatts to Gigawatts

Understanding Market and Technology Drivers toward Terawatts

TIM BRUTON

An essential guide through the rapid evolution of PV technology

Photovoltaics from Milliwatts to Gigawatts: Understanding Market and Technology Drivers toward Terawatts covers the history of silicon based PV, from the earliest discoveries to present and future practice.



Divided into 9 chapters, the book includes the following topics: Early History; The 1973 Oil crisis and the drive for alternative energies; The emergence in the 1980's of the off grid PV market, the significant small scale PV consumer market and the establishment of a manufacturing industry; Advantages of silicon for solar cells; The evolution of PV installations; The history of the incentive programme for PV; Difficulties of alternative technologies in challenging silicon dominance; Current status of the silicon manufacturing technology and The future.

Key features:

- An authoritative first-hand account of an emerging technology from laboratory to global significance for electricity generation by an industry expert.
- Provides a framework for policy makers on future trends in the PV industry.
- Examines the lessons learnt from the interaction of research laboratories, major industry and government.
- Signposts the route to future high efficiency silicon solar cells giving new researchers a background for further development.
- Highlights the critical success factors for the emerging alternative manufacturing technologies.

An essential PV guide aimed at researchers and students in electrical engineering and physical sciences through the rapid evolution of PV technology to commercial viability and the challenges ahead for increased performance, efficiency and global deployment.

MARCH 2021 250PP
978-1-119-13004-8 CL \$60.00 (Japan)
Solar Energy & Photovoltaics

Advances in Electric Power and Energy

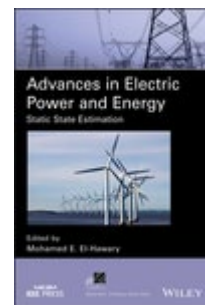
Static State Estimation

EDITOR MOHAMED E. EL-HAWARY

Dalhousie University

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

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



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

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

SERIES: IEEE PRESS SERIES ON POWER ENGINEERING

MARCH 2021 528PP
978-1-119-48046-4 CL \$140.00 (Japan)
Power Technology & Power Engineering

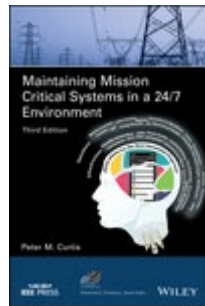
Maintaining Mission Critical Systems in a 24/7 Environment

3rd Edition

PETER M. CURTIS

SERIES: IEEE PRESS SERIES ON
POWER ENGINEERING

MARCH 2021 640PP
978-1-119-50611-9 CL \$135.00 (Japan)
POWER TECHNOLOGY & POWER ENGINEERING

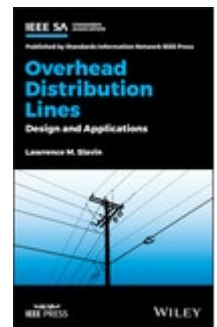


Overhead Distribution Lines

Design and Applications

LAWRENCE M. SLAVIN

This book provides expert knowledge to those in the power and communication utility industry in how to design power and communication distribution lines. Information is presented on the physical characteristics of various types of utility poles, overhead supply and communication cables, installation practices, joint-usage issues and safety rules, including national standards and other related documents. It provides critical details on industry software to guide engineers in its effective use. Care is taken to describe the critical requirements to select the proper poles for specific applications. The author includes a final chapter that describes comprehensive examples of the information introduced earlier.



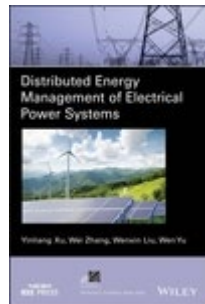
MARCH 2021 144PP
978-1-119-69913-2 CL \$99.00 (Japan)
Power Technology & Power Engineering

Distributed Energy Management of Electrical Power Systems

YINLIANG XU, WEI ZHANG, WENXIN LIU & WEN YU

Go in-depth with this comprehensive discussion of distributed energy management

Distributed Energy Management of Electrical Power Systems provides the most complete analysis of fully distributed control approaches and their applications for electric power systems available today. Authored by four respected leaders in the field, the book covers the technical aspects of control, operation management, and optimization of electric power systems.



In each chapter, the book covers the foundations and fundamentals of the topic under discussion. It then moves on to more advanced applications. Topics reviewed in the book include:

- System-level coordinated control
- Optimization of active and reactive power in power grids
- The coordinated control of distributed generation, elastic load and energy storage systems

Distributed Energy Management incorporates discussions of emerging and future technologies and their potential effects on electrical power systems. The increased impact of renewable energy sources is also covered. Perfect for industry practitioners and graduate students in the field of power systems, *Distributed Energy Management* remains the leading reference for anyone with an interest in its fascinating subject matter.

SERIES: IEEE PRESS SERIES ON POWER ENGINEERING

MARCH 2021 336PP
978-1-119-53488-4 CL \$135.00 (Japan)
Electric Power Systems

環境科学

Post Growth

Life after Capitalism

TIM JACKSON

READERSHIP: General readers interested in sustainability, political economy and public policy as well as students and scholars of political economy and environmental politics.



MARCH 2021 224PP
978-1-5095-4251-2 CL \$64.95 (Japan)
978-1-5095-4252-9 PB \$19.95 (Japan)
Environmental Economics & Politics

Weather For Dummies

JOHN D. COX

Get your head in the clouds!

Weather For Dummies will take you on an exciting journey through the Earth's atmosphere. Understand rain, sun, clouds, weather catastrophes and more! Use photographs and illustrations to easily visualize weather concepts and translate them into real-world knowledge. Have fun with at-home weather experiments sure to fascinate the scientist within us all.

Inside: - What is weather? - Seasons - Weather basics: Rain, Sun, Snow, and Clouds - Extreme weather

MARCH 2021 UnknownPP
978-1-119-80677-6 PB \$22.99 (Japan)
GENERAL & INTRODUCTORY EARTH SCIENCES

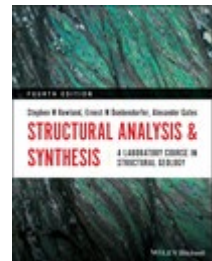
Structural Analysis and Synthesis

A Laboratory Course in Structural Geology

4th Edition

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

University of Nevada; Northern
Arizona University



MARCH 2021 206PP
978-1-119-53545-4 PB \$70.00 (Japan)
STRUCTURAL GEOLOGY & TECTONICS

Large Igneous Provinces

A Driver of Global Environmental and Biotic Changes

EDITOR RICHARD R. ERNST, EDITOR ALEX DICKSON & EDITOR ANDREY BEKKER

ETH-Z Honggerberg, Zurich, Switzerland; Royal Holloway University of London; University of California at Riverside

Exploring the links between Large Igneous Provinces and dramatic environmental impact

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



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

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

The American Geophysical Union promotes discovery in Earth and space science for the benefit of humanity. Its publications disseminate scientific knowledge and provide resources for researchers, students, and professionals.

SERIES: GEOPHYSICAL MONOGRAPH SERIES

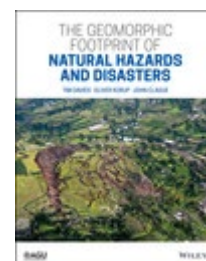
MARCH 2021 592PP
978-1-119-50745-1 CL \$199.95
Igneous & Metamorphic Petrology and Volcanology

Geomorphology and Natural Hazards

Understanding Landscape Change for Disaster Mitigation

TIMOTHY R. H. DAVIES, MAURI MCSAVENEY & OLIVER KORUP

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



SERIES: WILEY WORKS

MARCH 2021 432PP
978-1-119-99031-4 PB \$50.00 (Japan)
Geomorphology

Coastal Ecosystems in Transition

A Comparative Analysis of the Northern Adriatic and Chesapeake Bay

EDITOR THOMAS C. MALONE, EDITOR ALENKA MALEJ & EDITOR JADRAN FAGANELI

University of Maryland Center for Environmental Science, USA; National Institute of Biology, Slovenia; National Institute of Biology, Slovenia

Explores how two coastal ecosystems are responding to the pressures of human expansion

The Northern Adriatic Sea, a continental shelf ecosystem in the Northeast Mediterranean Sea, and the Chesapeake Bay, a major estuary of the mid-Atlantic coast of the United States, are semi-enclosed, river-dominated ecosystems with urbanized watersheds that support extensive industrial agriculture.

Coastal Ecosystems in Transition: A Comparative Analysis of the Northern Adriatic and Chesapeake Bay presents an update of a study published two decades ago. Revisiting these two ecosystems provides an opportunity to assess changing anthropogenic pressures in the context of global climate change. The new insights can be used to inform ecosystem-based approaches to sustainable development of coastal environments.

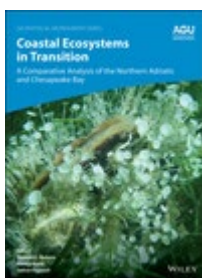
Volume highlights include:

- Effects of nutrient enrichment and climate-driven changes on critical coastal habitats
- Patterns of stratification and circulation
- Food web dynamics from phytoplankton to fish
- Nutrient cycling, water quality, and harmful algal events
- Causes and consequences of interannual variability

The American Geophysical Union promotes discovery in Earth and space science for the benefit of humanity. Its publications disseminate scientific knowledge and provide resources for researchers, students, and professionals.

SERIES: GEOPHYSICAL MONOGRAPH SERIES

MARCH 2021 UnknownPP
978-1-119-54358-9 CL \$199.95 (Japan)
Environmental Geoscience



Handbook of Water Harvesting and Conservation

Case Studies and Application Examples

2nd Edition

EDITOR SAEID ESLAMIAN

Isfahan University of Technology

SERIES: NEW YORK ACADEMY OF SCIENCES

MARCH 2021 552PP
978-1-119-77598-0 CL \$155.00 (Japan)
WATER RESOURCE MANAGEMENT

Pollutants and Water Management

Resources, Strategies, and Scarcity

PARDEEP SINGH

MARCH 2021 400PP
978-1-119-69361-1 CL \$165.00 (Japan)
Water Resource Management

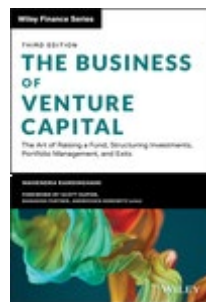
ファイナンス／インベストメント

The Business of Venture Capital

The Art of Raising a Fund, Structuring Investments, Portfolio Management, and Exits, 3rd Edition

MAHENDRA RAMSINGHANI

The new edition of the definitive guide for venture capital practitioners--covers the entire process of venture firm formation & management, fund-raising, portfolio construction, value creation, and exit strategies



Since its initial publication, *The Business of Venture Capital* has been hailed as the definitive, most comprehensive book on the subject. Now in its third edition, this market-leading text explains the multiple facets of the business of venture capital, from raising venture funds, to structuring investments, to generating consistent returns, to evaluating exit strategies. Author and VC Mahendra Ramsinghani who has invested in startups and venture funds for over a decade, offers best practices from experts on the front lines of this business.

This fully-updated edition includes fresh perspectives on the Softbank effect, career paths for young professionals, case studies and cultural disasters, investment models, epic failures, and more. Readers are guided through each stage of the VC process, supported by a companion website containing tools such as the LP-GP Fund Due Diligence Checklist, the Investment Due Diligence Checklist, an Investment Summary format, and links to white papers and other industry guidelines.

The Business of Venture Capital, Third Edition is a must-read book for anyone seeking to raise a venture fund or pursue a career in venture capital, as well as practicing venture capitalists, angel investors or devils alike, limited partners, attorneys, start-up entrepreneurs, and MBA students.

SERIES: WILEY FINANCE

MARCH 2021 448PP
978-1-119-63968-8 CL \$95.00 (Japan)
GENERAL FINANCE & INVESTMENTS

The Handbook of Banking Technology

TIM WALKER & LUCIAN MORRIS

Competitive advantage in banking comes from effective use of technology

The Handbook of Banking Technology provides a blueprint for the future of banking, with deep insight into the technologies at the heart of the industry. The rapid evolution of IT brings continual change and demand for investment -- yet keeping pace with these changes has become an essential part of doing business. This book describes how banks can harness the power of current and upcoming technology to add business value and gain a competitive advantage; you'll learn how banks are using technology to drive business today, and which emerging trends are likely to drive the evolution of banking over the next decade.



Regulation is playing an ever increasing role in banking and the impact of regulatory change on technology and the management of it are discussed -- while mandatory changes put pressure on many of our high street banking brands, their ability to adapt and utilise technology will have a fundamental impact on their success in the rapidly changing marketplace.

Technology costs can amount to 15 per cent or more of operational costs and bank leaders need to be able to make informed decisions about technology investments in light of the potential benefits. This book explores the depth and breadth of banking technology to help decision makers stay up to date and drive better business.

Technological change is driven by mass adoption of new channels, innovation from new entrants, and by banks themselves as a means of increasing revenue and reducing costs. *The Handbook of Banking Technology* offers a comprehensive look at the role of technology in banking, and the impact it will have in the coming years.

MARCH 2021 350PP
978-1-119-32801-8 CL \$75.00 (Japan)
General Finance & Investments

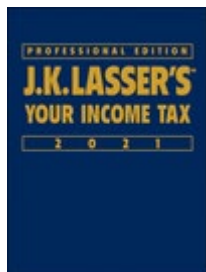
J.K. Lasser's Your Income Tax

Professional Edition 2021

J.K. LASSER INSTITUTE

**America's most trusted
tax reference with the
citations professionals need**

For more than 65 years, *J.K. Lasser's Your Income Tax, Professional Edition* has been the smartest guide to professional tax filing and planning available. It pairs the trusted guidance, clear advice, and money-saving tips you'll find in *Your Income Tax* with the citations of tax authorities professionals need to locate relevant law, IRS rulings, and court decisions. Updated with all the changes relevant to the 2020 tax year, the new edition makes sure you're armed with the latest on how to maximize deductions and shelter income, as well as useful examples of how the latest tax law applies to individual situations.



Designed to save you hours of wading through Internal Revenue Code or IRS materials--and presented in a down-to-earth, easily comprehensible style--you'll also find special icons calling out what's new, including the latest laws, rulings, court decisions, filing pointers, and planning strategies. Whatever you need to know as a professional, you'll be able to find it quickly and easily.

- Clear, expert answers to tough tax questions
- New and amended laws, court decisions, IRS rulings, and more
- Source literature via citations and references from the Code, courts, and IRS
- The impact of the 2019 SECURE Act and the 2020 CARES Act

Keeping up with the latest on tax law is a full-time job--but that doesn't mean you need to do it on top of *your* full-time job: the experts at *J.K. Lasser's Your Income Tax Professional Edition 2021* have done all that work for you--allowing you to concentrate on giving your clients the authoritative, detailed, and reliable advice they expect and need.

SERIES: J.K. LASSER

MARCH 2021 1072PP
978-1-119-74222-7 CL \$90.00 (Japan)
PERSONAL FINANCE / CONSUMER TAX

Credit Repair Kit For Dummies

5th Edition

STEVEN BUCCI, MELYSSA BARRETT & ROD GRIFFIN

Credit Repair Kit For Dummies, 5th Edition, is a source for those with mediocre credit who want or need to better manage it in order to get a job, reduce insurance costs, qualify for banking products, and more. Numerous updates include:



- Impacts to borrowers from COVID-19 or other disasters
- Strategies to avoid or get rid of mortgage, credit card, and auto debt
- Greater emphasis on student loan debt and solutions
- Expanded coverage on cyber security/identity theft
- Impact of CARES Act rules on credit reporting
- The rise of alternative reporting data
- How to maintain a strong credit score while unemployed

MARCH 2021 UnknownPP
978-1-119-77106-7 PB \$29.99 (Japan)
PERSONAL FINANCE / FINANCIAL ADVISING

The Gone Fishin' Portfolio

Get Wise, Get Wealthy...and Get on With Your Life

2nd Edition

ALEXANDER GREEN, KESWICK

A timeless investment guide that reveals how to consistently earn market-beating returns while reducing risk. What every investor needs is a battle-tested strategy that embraces the uncertainty of financial markets-and life in general. One that will yield market-beating portfolio returns in both good times and bad. *The Gone Fishin' Portfolio* shows you what that strategy is, how it works, and why you should begin using it immediately. The innovative approach outlined throughout these pages will help investors enjoy a notably high probability of success by using an investment strategy based on the notion that nobody knows what the market is likely to do next, which, in effect, allows investors to capitalize on uncertainty. This *Second Edition* has been updated and revised for 2021. While the strategy remains essentially the same, this new edition reflects the latest rules, regulations, and changes, and explains how portfolios modeled in this manner survived the crash of 2008.

Notable Updates:

- One fund in this ten-fund asset allocation strategy - Vanguard Gold & Precious Metals - shut down in 2018. Author Alexander Green will reveal the replacement in this *Second Edition*.
- Changes in the ETF industry allow successful asset allocation maintenance while improving investor performance with better constructed, lower-cost ETFs.

SERIES: AGORA SERIES

MARCH 2021 240PP
978-1-119-79504-9 CL \$27.95 (Japan)
INVESTMENTS & SECURITIES

Big Data Science in Finance

IRENE ALDRIDGE & M. AVELLANEDA

Explains the mathematics, theory, and methods of Big Data as applied to finance and investing



Data science has fundamentally changed Wall Street--applied mathematics and software code are increasingly driving finance and investment-decision tools. *Big Data Science in Finance* examines the mathematics, theory, and practical use of the revolutionary techniques that are transforming the industry. Designed for mathematically-advanced students and discerning financial practitioners alike, this energizing book presents new, cutting-edge content based on world-class research taught in the leading Financial Mathematics and Engineering programs in the world. Marco Avellaneda, a leader in quantitative finance, and quantitative methodology author Irene Aldridge help readers harness the power of Big Data.

Comprehensive in scope, this book offers in-depth instruction on how to separate signal from noise, how to deal with missing data values, and how to utilize Big Data techniques in decision-making. Key topics include data clustering, data storage optimization, Big Data dynamics, Monte Carlo methods and their applications in Big Data analysis, and more. This valuable book:

- Provides a complete account of Big Data that includes proofs, step-by-step applications, and code samples
- Explains the difference between Principal Component Analysis (PCA) and Singular Value Decomposition (SVD)
- Covers vital topics in the field in a clear, straightforward manner
- Compares, contrasts, and discusses Big Data and Small Data

Big Data Science in Finance: Mathematics and Applications is an important, up-to-date resource for students in economics, econometrics, finance, applied mathematics, industrial engineering, and business courses, and for investment managers, quantitative traders, risk and portfolio managers, and other financial practitioners.

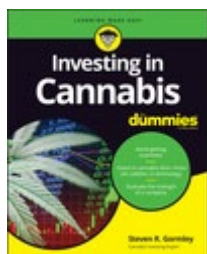
MARCH 2021 320PP
978-1-119-60298-9 CL \$125.00 (Japan)
Finance & Investments Special Topics

Investing in Cannabis For Dummies

STEVEN R. GORMLEY

Invest in one of the most exciting and booming industries available today

Investing in Cannabis For Dummies takes readers on an illuminating and whirlwind tour of the legal cannabis investment industry. Written by a renowned expert in the world of cannabis, Steve Gormley (also known as the Cannabis Viking), this book provides an in-depth look at all aspects of publicly traded stocks (nationally and internationally) in the cannabis industry for medical or recreational use.



This book covers crucial topics for a firm understanding of investing in the cannabis industry, including:

- How to evaluate the strength of a cannabis company
- The differences between investing in public and private companies
- Investing in different cannabis silos - from cultivation, oils, and edibles, to technology
- Avoiding common scams and traps
- Trading strategy tips

Investing in Cannabis For Dummies is perfect for those who want to get in near the ground floor of an industry experiencing a massive expansion due to cannabis legalization around North America, Canada, and around the globe.

MARCH 2021 UnknownPP
978-1-119-67476-4 PB \$26.99 (Japan)
Finance & Investments Special Topics

食品科学

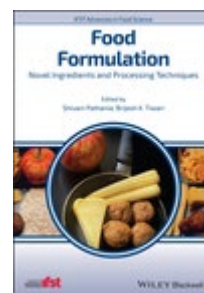
Food Formulation

Novel Ingredients and Processing Techniques

EDITOR SHIVANI PATHANIA & EDITOR BRIJESH K. TIWARI

Manchester Metropolitan University, UK

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



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

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

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

SERIES: IFST ADVANCES IN FOOD SCIENCE

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

Modified Atmosphere Packaging of Foods

Principles and Applications

DONG SUN LEE

A complete guide to the principles and practical application of modified atmosphere packaging

Modified atmosphere packaging (MAP) is one of the most cost-effective, versatile, and commonly used methods of preserving food products available today. Employed in both ambient and chilled conditions, it can prolong shelf-life and preserve the quality of a wide array of items via careful processes of atmospheric engineering. The essential scientific principles underlying this technology can, however, be difficult to grasp and effectively apply.

With *Modified Atmosphere Packaging of Foods*, esteemed food science professor Dong Sun Lee provides a thorough and practical explanation of all aspects of MAP. Chapters covering the development, impact, and day-to-day application of the technique give a well-rounded understanding of its pivotal role in the food industry, while accounts of other active packaging methods help to provide broader context. This important new book includes:

- Detailed guidance on all aspects of MAP -- from its scientific background to its practical application
- Information on how specific MAP products may be developed according to their particular engineering principles
- Coverage of the related active and intelligent packaging techniques
- Discussion of relevant food safety issues and regulations

Containing vital information for industry professionals and food science researchers alike, *Modified Atmosphere Packaging of Foods* is an essential text for all those working to improve the quality and shelf-life of the food we eat.

SERIES: INSTITUTE OF FOOD TECHNOLOGISTS SERIES

MARCH 2021 300PP
978-1-119-53076-3 CL \$200.00 (Japan)
Food Packaging



地理学

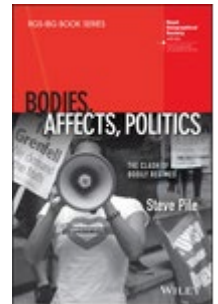
Bodies, Affects, Politics

The Clash of Bodily Regimes

STEVE PILE, Open University

This book seeks to understand the coexistence of bodily regimes and the politics that emerge from the clash between them:

- Presents a novel conceptual model for understanding the relationship between bodies and affects
- Reworks Rancière's notions of the distribution of the sensible and the aesthetic unconscious
- Establishes a dynamic and multiple understanding of the repressive, distributive and communicative unconscious by rethinking Freudian psychoanalysis
- Utilizes a variety of empirical materials, from Hollywood movies to Freud's case studies
- Sets its argument about politics within the context of significant social events to ensure its conceptual and empirical material is relevant to the contemporary political moment



SERIES: RGS-IBG BOOK SERIES

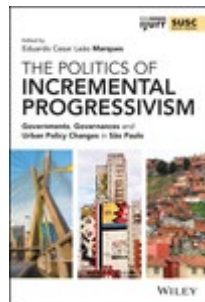
MARCH 2021 272PP
978-1-118-90198-4 CL \$94.95 (Japan)
978-1-118-90197-7 PB \$39.95 (Japan)
Human Geography

The Politics of Incremental Progressivism

Governments, Governances and Urban Policy
Changes in Sao Paulo

EDUARDO CESAR LEÃO MARQUES

The Politics of Incremental Progressivism analyzes urban policies in São Paulo - one of the biggest and most complex Southern cities - not only challenging the misconception that large metropolises of the Global South are usually ungovernable, but showing the recent occurrence of progressive change.



- The first detailed and systematic account of the policies and politics that construct, maintain and operate a large Southern metropolis
- Analyzes the policies of bus and subway transportation, traffic control, waste collection, development licensing, public housing and large urban projects, additionally to budgeting, electoral results and government formation and dynamics
- Contains original researches about urban policies in a Southern metropolis, and a theoretical focus that bridges the gap between political science and urban studies
- Contributes to the understanding of how the city is governed, what kinds of policies its governments construct and deliver and, more importantly, under what conditions it produces redistributive change in the direction of policies that reduce its striking social and urban inequalities

SERIES: IJURR STUDIES IN URBAN AND SOCIAL CHANGE BOOK SERIES

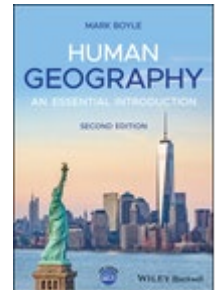
MARCH 2021 304PP
978-1-119-64782-9 CL \$90.00 (Japan)
978-1-119-64787-4 PB \$34.95 (Japan)
Human Geography

Human Geography

An Essential Introduction, 2nd Edition

MARK BOYLE, National University of Ireland, Maynooth

Revised, Extended, and Extensively Updated Text Uses Historical Geographical and Thematic Approach to Provide Undergraduates with a Firm Foundation in Human Geography



Drawing on nearly three decades of instructional experience and a wealth of testing pedagogical innovations with students, Professor Mark Boyle has updated and expanded this succinct yet comprehensive introduction to Human Geography. As with the *First Edition*, Boyle follows the premise that "history makes geography," and that the key to studying the principal demographic, social, political, economic, cultural and environmental processes of any region in the world today is to look at how the region affected and still affects the rise, reign, and decline of the West. The book covers key concepts, seminal thinkers, and influential texts in the field. Using a historical geographical framework and attentive to post-colonial concerns reverberating within the discipline, it examines inter-alia the history of human geography, environmental history, and key concerns in economic geography, political geography, social and cultural geography, population geography, development geography, Urban Geography, Society and Nature relations, the geography of migration, Hazards Research, although designed for the beginner student, Boyle does not shy away from ideas and debates often avoided in introductory courses, clearly communicating even sophisticated theory without condescension. In addition, Boyle strives to place Human Geography in its larger academic context, discussing the influence of the field on related areas such as Sociology, Anthropology, Political Science, International Relations, Economics, Regional Studies, Archaeology, Cultural Studies, Environmental Science, and others.

Following the precedent set in the First Edition, *Human Geography: A Concise Introduction* is an excellent foundational text for undergraduate courses in Human Geography, globalization, urban studies, regional studies, and wider social science programs.

MARCH 2021 544PP
978-1-119-37471-8 PB \$37.95 (Japan)
INTRODUCTORY HUMAN GEOGRAPHY

CONSUMER HEALTH

ACFT For Dummies

ANGELA PAPPLE JOHNSTON

The best standalone resource for the Army Combat Fitness Test

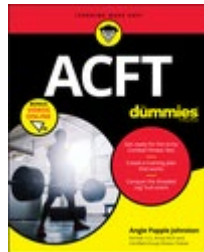
As the Army prepares to shift to the new Army Combat Fitness Test (ACFT) from the Army Physical Fitness Test, hundreds of thousands of new and current servicemembers will have to pass a more rigorous and demanding set of physical events to prove they have what it takes to meet the physical demands of an army job.

Utilizing the accessible and simple approach that has made the *For Dummies* series famous the world over, *ACFT For Dummies* is packed with everything you need to train for and ultimately crush the ACFT. Topics include:

- An overview of the test, including how it fits into your army job
- How the test is administered (location, equipment, etc.)
- Instructions on how to perform each of the six events
- How the ACFT is scored
- Training for the ACFT on your own time
- The importance of recovery, including essential stretches
- How to build your own workout routine
- Videos for each of the six events with tips for how to train for them

The *ACFT For Dummies* prepares readers to tackle the new, tougher Army fitness test with practical examples and concrete strategies that will push each servicemember to new heights.

MARCH 2021 464PP
978-1-119-70428-7 PB \$26.99 (Japan)
Fitness



Foam Rolling For Dummies

MIKE RYAN, PT, ATC

A four color, step-by-step guide to end pain, prevent injury and get fit using your foam roller

Foam rolling is not just a fad; if you're active in sport or work out regularly, you know how crucial it is to keep your muscles limber and pain-free to stay active and mobile. As a form of Myofascial Release Therapy, foam rolling is an effective technique for unlocking your tight muscles and restrictive myofascial connective tissue. Foam rolling helps increase your overall body mobility and joint range of motion, decreases pain and shortens recovery times--and it generally supercharges your body to reap the benefits of your active lifestyle!

Written in an easy-to-follow, no-jargon style by NFL physical therapist and trainer for 26 years Mike Ryan, *Foam Rolling For Dummies* shares proven roller tips usually reserved for professional athletes to help you quickly restore healthy harmony between your muscles and joints. Once you know the science behind foam rolling, you'll understand how to use specific body-rolling techniques to address specific problems and goals, whether they're eliminating painful muscle trigger points, loosening tight fascia, improving body flexibility, or just relaxing muscles faster after a workout.

- Enhance athletic performance
- Improve injury prevention
- Learn rapid roller techniques
- Manage fibromyalgia
- Reduce soft tissue injuries
- Understand your myofascial system
- Reduce painful muscles

Whether you want to maximize your fitness program, manage your muscle pain or pursue other health goals, this guide puts on a roll for an enhanced body--and an enhanced life.

MARCH 2021 432PP
978-1-119-75732-0 PB \$26.99 (Japan)
Fitness



公衆衛生

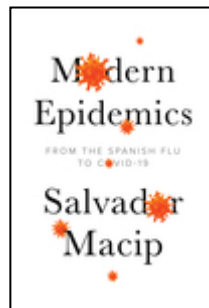
Modern Epidemics

From the Spanish Flu to COVID-19

SALVADOR MACIP & TRANSLATED BY JULIE WARK

READERSHIP: A general readership concerned about COVID-19 and interested in the nature of modern epidemics

MARCH 2021 288PP
978-1-5095-4656-5 CL \$64.95 (Japan)
978-1-5095-4657-2 PB \$19.95 (Japan)
Public Health General

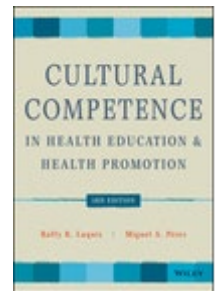
**Cultural Competence in Health Education and Health Promotion**

3rd Edition

RAFFY R. LUQUIS & MIGUEL A. PÉREZ

Learn to manage cultural and ethnic diversity and deliver health education results with this leading resource

Cultural Competence in Health Education and Health Promotion, 3rd Edition extensively covers a host of crucial topics on the subject of health education and promotion to various cultural and ethnic groups. The authors provide concrete strategies and practical advice for those seeking to maximize the health-related results they achieve from their education efforts.



The significant updates in this newest edition of *Cultural Competence in Health Education and Health Promotion* include:

- Updated and expanded demographic information on select groups based on the most up-to-date census data
- The use of universal design for diverse populations
- Examples of programs to increase health literacy among diverse groups

Including updated case scenarios and new, innovative health programs, the 3rd edition of *Cultural Competence in Health Education and Health Promotion* represents an unprecedented leap forward for this already celebrated series. It's perfect for any health educator who deals with an ethnically or culturally diverse population.

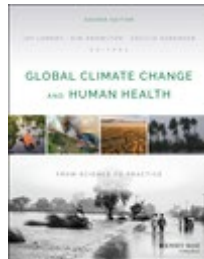
SERIES: PUBLIC HEALTH/AAHE

MARCH 2021 368PP
978-1-119-57847-5 PB \$80.00 (Japan)
Public Health Behavior & Education

Global Climate Change and Human Health

From Science to Practice, 2nd Edition

JAY LEMERY, KIM KNOWLTON &
CECILIA SORENSON



MARCH 2021 UnknownPP
978-1-119-66795-7 PB \$85.00 (Japan)
INTERNATIONAL PUBLIC HEALTH

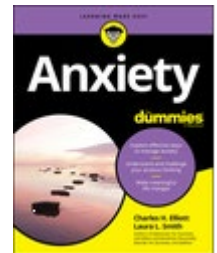
Anxiety For Dummies

Third Edition

CHARLES H. ELLIOTT & LAURA L. SMITH

Fielding Graduate Institute; Presbyterian Medical Group

- Explore effective ways to manage anxiety
- Understand and challenge your anxious thinking
- Make meaningful life changes



Manage anxiety—and start living your life!

If you feel like your life is spinning out of control, you're definitely not alone! While anxiety is a natural reaction to stress, for some of us, it can become all-consuming—and ultimately debilitating. Thankfully, there is plenty you can do to combat anxiety with the help of this approachable guide. Inside, find out how adopting proven techniques like pinpointing triggers, improving health and eating habits, and learning to let go can help you effectively and deliberately manage your worries—and take back control of your life.

Inside...

- Recognize symptoms
- Know useful vs. toxic anxiety
- Examine the causes of your anxiety
- Develop the practice of mindful acceptance
- Help your kids with their anxiety
- Block the blues
- Face your fears
- Adopt anxiety-reducing habits

MARCH 2021 368PP
978-1-119-76850-0 PB \$26.99 (Japan)
MENTAL HEALTH

AI in Healthcare

How Artificial Intelligence Is Changing IT Operations and Infrastructure Services

ROBERT SHIMONSKI

The best source for cutting-edge insights into AI in healthcare operations

AI in Healthcare: How Artificial Intelligence Is Changing IT Operations and Infrastructure Services collects, organizes and provides the latest, most up-to-date research on the emerging technology of artificial intelligence as it is applied to healthcare operations.



Written by a world-leading technology executive specializing in healthcare IT, this book provides concrete examples and practical advice on how to deploy artificial intelligence solutions in your healthcare environment. *AI in Healthcare* reveals to readers how they can take advantage of connecting real-time event correlation and response automation to minimize IT disruptions in critical healthcare IT functions.

This book provides in-depth coverage of all the most important and central topics in the healthcare applications of artificial intelligence, including:

- Healthcare IT
- AI Clinical Operations
- AI Operational Infrastructure
- Project Planning
- Metrics, Reporting, and Service Performance
- AIOps in Automation
- AIOps Cloud Operations
- Future of AI

Written in an accessible and straightforward style, this book will be invaluable to IT managers, administrators, and engineers in healthcare settings, as well as anyone with an interest or stake in healthcare technology.

MARCH 2021 288PP
978-1-119-68001-7 PB \$60.00 (Japan)
Health & Health Care Special Topics

歴史

Asia Past and Present

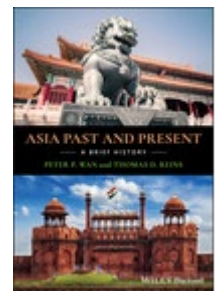
A Brief History

PETER P. WAN & THOMAS D. REINS

Fullerton College

A wide-ranging introduction to the multi-faceted history of Asia—from early origins to the present

Asia Past and Present is an expansive survey of the social, political, and economic history of the continent from the Paleolithic era to the early 21st century. As there is no physically discrete continent, rather an arbitrary division of the Eurasian landmass, this book focuses on terrain that encompasses India, Pakistan, Afghanistan, Central Asia, China, Korea, Japan, Mongolia, the Russian Far East, and Southeast Asia—the area which most modern scholars identify as Asia.



Offering broad chronological and topical coverage of Asia, this book examines subjects including written languages, religions and philosophies, concepts of monarchy, militarism, independence and nation building, and more. Particular focus is placed on the varying levels of influence the core cultures of India and China have had on the continent in a multitude of socio-political areas. Historical dialogues of how colonies, later emerging nations, blended traditional Asian culture and Western political and economic models of modernization complement contemporary discussions of globalization, nuclear tensions, and growing demands for greater individual freedom.

Asia Past and Present: A Brief History is a valuable resource for undergraduate courses where Asian cultures are introduced, and in courses on Asian politics, diplomacy, environmental issues, and socio-economics.

MARCH 2021 528PP
978-1-118-95518-5 PB \$39.95 (Japan)
Asian & Australasian History

American Environmental History

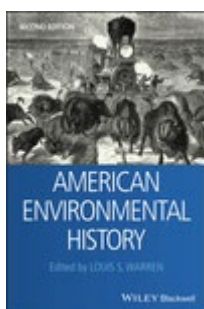
2nd Edition

LOUIS S. WARREN

University of California at Davis

With this book, discover how the peoples of America perceived and changed their environments and, in the process, re-made their politics, culture, and societies.

The thoroughly revised and newly updated Second Edition of *American Environmental History* delivers a comprehensive exploration of how the peoples of the United States have perceived, and made changes to, the natural world around them. It also describes how nature has changed in response to humanity, from the pre-Columbian era to the present, and how Americans have fought with one another over how best to live in the earth's natural systems. Accomplished professor and author Louis Warren offers readers examinations of crucial topics, including Native American landscapes and relations with nature, virgin soil epidemics, colonial invasion, American slavery through environmental history and the nexus of race and environmental peril, market economies and the destruction of bison, passenger pigeons, whales, and other creatures, industrial development and its hazards, urbanization and calls for pollution control, conservation in the Progressive Era, wilderness and national parks, the rise of environmentalism, the birth of the environmental justice movement, consumerism and its environmental impact, the conservative backlash against environmentalism, and histories of ozone depletion, acid rain, overpopulation, and climate change. This book invites readers to weigh the distinctive experiences of different people--white, Black, and Native American--to environmental change and environmental threats from the colonial period to COVID-19. Perfect for undergraduate and graduate students studying American Environmental History, the book is also ideal for anyone with even a passing interest in American natural history and the impact of her peoples on the natural world around them.



SERIES: WILEY BLACKWELL READERS IN AMERICAN SOCIAL AND CULTURAL HISTORY

MARCH 2021 UnknownPP
978-1-4443-3939-0 PB \$58.25 (Japan)
HISTORY OF SCIENCE & MEDICINE

エンジニアリング

How to Make Change with Transition Engineering

DANIEL KENNING

Rapid reduction in energy use is the only way to mitigate climate risk, however a rapid reduction in energy supply would be a disaster. Modern buildings, cities, and the entire economy would fail if coal, oil and gas supplies suddenly dropped by 80%. This dissonance between the problem and the possible actions can be referred to as a "wicked problem". Transition engineering is an approach to give project managers and engineers the tools necessary to address energy use, sustainability and resilience in the design, development, construction and management of engineered systems.

The book will support readers in the workplace as they approach and implement projects, by applying TE thinking to real problems, by providing a strategic combination of overview and detail about why TE has come into being and how the reader can use it to meet their needs for change. This will enable readers to:

- understand the background and fundamentals of the TE concept.
- use TE thinking as a real workable design and decision-making tool to actively make change happen
- use TE thinking as a testing / proofing tool to assess and evaluate other proposals for change

The reader will be able to use the content of the book to reach reasonable and justifiable judgements about which project proposals are going in the right direction or not.

MARCH 2021 288PP
978-1-119-64679-2 PB \$75.00 (Japan)
Industrial Engineering / Project Management

法律

The Encyclopedia of Research Methods in Criminology and Criminal Justice

EDITOR C. J. BARNES & EDITOR DAVID R. FORDE

The most comprehensive reference work on research designs and methods in criminology and criminal justice

This *Encyclopedia of Research Methods in Criminology and Criminal Justice* offers a comprehensive survey of research methodologies and statistical techniques that are popular in criminology and criminal justice systems across the globe. With contributions from leading scholars and practitioners in the field, it offers a clear insight into the techniques that are currently in use to answer the pressing questions in criminology and criminal justice.




The *Encyclopedia* contains essential information from a diverse pool of authors about research designs grounded in both qualitative and quantitative approaches. It includes information on popular datasets and leading resources of government statistics. In addition, the contributors cover a wide-range of topics such as: the most current research on the link between guns and crime, rational choice theory, and the use of technology like geospatial mapping as a crime reduction tool. This invaluable reference work:

- Offers a comprehensive survey of international research designs, methods, and statistical techniques
- Includes contributions from leading figures in the field
- Contains data on criminology and criminal justice from Cambridge to Chicago
- Presents information on capital punishment, domestic violence, crime science, and much more
- Helps us to better understand, explain, and prevent crime

Written for undergraduate students, graduate students, and researchers, *The Encyclopedia of Research Methods in Criminology and Criminal Justice* is the first reference work of its kind to offer a comprehensive review of this important topic.

SERIES: THE WILEY SERIES OF ENCYCLOPEDIAS IN CRIMINOLOGY & CRIMINAL JUSTICE

MARCH 2021 UnknownPP
978-1-119-11072-9 CL \$800.00 (Japan) 
Criminology

ライフスタイル

Music Composition For Dummies

2nd Edition

SCOTT JARRETT & HOLLY DAY

You can hum it, but can you write it down?

When most people think of a composer, they picture a bewigged genius like Mozart or Beethoven frenetically directing mighty orchestras in the ornate palaces of Vienna. While that may have been the case once upon a time, modern composers make themselves heard far beyond the classical conservatoire and concert hall. These days, soundtracks are in high demand in industries such as TV, film, advertising, and even gaming to help create immersive and exciting experiences. Whatever your musical ambitions--composing a dark requiem in a beautiful Viennese apartment or producing the next great *Star Wars*-like movie theme in LA--the fully updated *Music Composition For Dummies* hits all the right notes to help you become confident in the theory and practice of composition.



To help you translate your musical ideas from fleeting tunes in your head to playable bars and notation on paper, professional composer and instructor Scott Jarrett and music journalist Holly Day take you on a friendly step-by-step journey through the process of musical creation, including choosing the right rhythms and tempos, creating melodies and chord progressions, and working with instruments and voices. You'll learn how to match keys and chords to mood, use form to enhance your creativity, and write in different styles from pop to classical--and you'll even learn how to keep hammering away when inspiration eludes you.

Filled with musical exercises to help you acquire the discipline you need for success, *Music Composition For Dummies* has everything you need to turn your inner soundtrack into a tuneful reality!

MARCH 2021 336PP
978-1-119-72078-2 PB \$24.99 (Japan)
MUSIC

言語学

Syntax

A Generative Introduction, 4th Edition

ANDREW CARNIE, University of Arizona

The extensively updated fourth edition of the leading introductory textbook on theoretical syntax, including an all-new chapter and additional problem sets

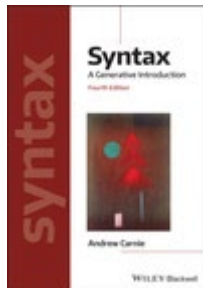
Now in its fourth edition, Andrew Carnie's *Syntax: A Generative Introduction* remains the leading introduction to the rules, principles, and processes that determine the structure of sentences in language. Comprehensive yet accessible, the text provides a well-balanced, student-friendly introduction to syntactic theory. Topics include phrase structure, the lexicon, binding theory, case theory, movement, covert movement, locality conditions, ditransitives, verbal inflection and auxiliaries, ellipsis, control theory, non-configurational languages, and more. Students are provided with numerous exercises and pedagogical features designed to strengthen comprehension, review learning objectives, test knowledge, and highlight major issues in the field.

The fourth edition features revised material throughout, including a new section on Chomsky's Merge and additional problem sets in every chapter, while new examples throughout the text broaden the appeal and relatability of the text to a more diverse set of students. The optional *The Syntax Workbook: A Companion to Carnie's Syntax* has also been thoroughly revised and expanded to offer students the opportunity to practice the skills and concepts introduced in the primary text.

In the new fourth edition, *Syntax: A Generative Introduction* remains an essential textbook for beginning syntacticians, perfect for undergraduate and graduate course in linguistics, grammar, language, and second language teaching.

SERIES: INTRODUCING LINGUISTICS

MARCH 2021 UnknownPP
978-1-119-56923-7 PB \$49.95 (Japan)
SYNTAX



The Syntax Workbook

A Companion to Carnie's Syntax, 2nd Edition

ANDREW CARNIE, University of Arizona

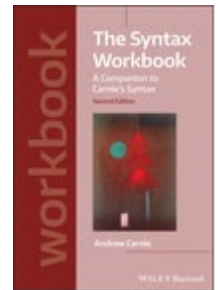
A valuable companion to Andrew Carnie's *Syntax: A Generative Introduction, 4th Edition*, full of practice questions and engaging exercises to promote student comprehension

Syntax: A Generative Introduction, Fourth Edition, is the leading textbook for undergraduate courses in the syntax, covering foundational topics such as universal grammar, parts of speech, constituency, trees, structural relations, binding theory, x-bar theory, and movement, as well as advanced subjects such as control theory, ellipsis, polysynthesis, incorporation, non-configurationality, and Merge. Written by *Syntax* author Andrew Carnie, *The Syntax Workbook* has been purposefully designed to support and complement the use of *Syntax* in the undergraduate classroom. *The Syntax Workbook* is the perfect companion to the author's seminal textbook and contains updated practice material for every section of the text.

Ideal for undergraduate courses in syntax, *Syntax: A Generative Introduction, Fourth Edition*, and *The Syntax Workbook, Second Edition*, together offer a perfect combination of thorough coverage and valuable practice. The workbook can be purchased on its own or in a set with the textbook.

SERIES: INTRODUCING LINGUISTICS

MARCH 2021 UnknownPP
978-1-119-56929-9 PB \$41.95 (Japan)
SYNTAX



Syntax: A Generative Introduction 4e & The Syntax Workbook 2e Set

MARCH 2021 ISBN: 9781119794370 \$ 83.99

ライフサイエンス

Fundamentals of Conservation Biology

4th Edition

MALCOLM L. HUNTER JR. & JAMES P. GIBBS

University of Maine; State University of New York

MARCH 2021 640PP
978-1-119-14416-8 CL \$95.00 (Japan)
CONSERVATION SCIENCE

Fermentation Processes: Emerging and Conventional TechnologiesEDITOR MOHAMED KOUBAA, EDITOR FRANCISCO BARBA &
EDITOR SHAHIN ROOHINEJAD

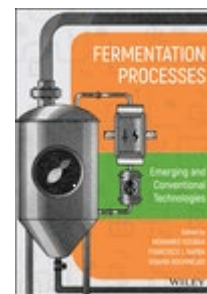
Fermentation Processes: Emerging and Conventional Technologies is

focused on enhancing fermentation processes under conventional and non conventional conditions.

The application of emerging technologies (e.g. ultrasounds, pulsed electric fields, microwaves, etc.) to increase the accessibility and bioavailability of the substrates by microorganisms during fermentation has been demonstrated

through numerous research works. These technologies have the advantages over conventional ones (e.g. grinding) of consuming less energy, reducing the processing time, along with using less and "green" solvents. Increasing the accessibility of the substrates has as a consequence an improved availability for the microorganisms and therefore enhanced productivity. The application of these non-conventional (emerging) technologies could be at sub-lethal levels before (inoculum) or during the fermentation process, also called as microbial stimulation, which increases the assimilation of substrates, release of enzymes in the medium for substrate hydrolysis, and other benefits. All

together, lead to promote the microbial growth, and enhance the fermentation process. In addition to the application of emerging technologies, enhancing fermentation at conventional conditions by changing the medium composition, processing parameters, etc. are also discussed.



MARCH 2021 324PP
978-1-119-50585-3 CL \$190.00 (Japan)
Applied Microbiology

Soil Bioremediation

An Approach Towards Sustainable Technology

EDITOR JAVID A. PARRAY, EDITOR ABEER HASHEM & EDITOR RIYAZ SAYYED

This book will discuss the effective and sustainable technological approaches for remediation of contaminants via eco-friendly usage of microbes. The primary focus will be on the role of microbes, particularly bacteria and fungi, for the degradation and removal of various xenobiotic substances in the environment.

The book will also emphasize molecular approaches and biosynthetic pathways of microbes, and present gene and protein expression studies for bio-deterioration techniques. New innovative and sophisticated green technologies for waste minimization and waste control will be presented, as well as the potential of microbes for various techniques of bioremediation, including bio-sorption, bio-augmentation, bio-stimulation, to clean contaminated environments.

MARCH 2021 480PP
978-1-119-54795-2 CL \$175.00 (Japan)
Applied Microbiology

The Science of Health Disparities Research

EDITOR ELISEO PÉREZ-STABLE, EDITOR IRENE DANKWA-MULLAN, EDITOR KEVIN GARDNER, EDITOR XINZHI ZHANG & EDITOR ADELAIDA M. ROSARIO

Integrates the various disciplines of the science of health disparities in one comprehensive volume



The Science of Health Disparities Research is an indispensable source of up-to-date information on clinical and translational health disparities science. Building upon the advances in health disparities research over the past decade, this authoritative volume informs policies and practices addressing the diseases, disorders, and gaps in health outcomes that are more prevalent in minority populations and socially disadvantaged communities. Contributions by recognized scholars and leaders in the field--featuring contemporary research, conceptual models, and a broad range of scientific perspectives--provide an interdisciplinary approach to reducing inequalities in population health, encouraging community engagement in the research process, and promoting social justice. In-depth chapters help readers better understand the specifics of minority health and health disparities while demonstrating the importance of advancing theory, refining measurement, improving investigative methods, and diversifying scientific research. In 26 chapters, the book examines topics including the etiology of health disparities research, the determinants of population health, research ethics, and research in African American, Asians, Latino, American Indian, and other vulnerable populations.

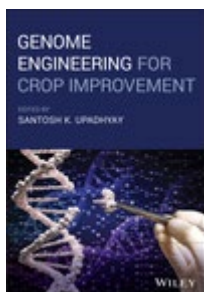
A significant contribution to the field, *The Science of Health Disparities Research* is an essential resource for students and basic and clinical researchers in genetics, population genetics, and public health, health care policymakers, and epidemiologists, medical students, and clinicians, particularly those working with minority, vulnerable, or underserved populations.

MARCH 2021 528PP
978-1-119-37481-7 CL \$199.95 (Japan)
Human Genetics

Genome Engineering for Crop Improvement

EDITOR SANTOSH UPADHYAY

In recent years, significant advancements have been made in the management of nutritional deficiency using genome engineering--enriching the nutritional properties of agricultural and horticultural crop plants such as wheat, rice, potatoes, grapes, and bananas. To meet the demands of the rapidly growing world population, researchers are developing a range of new genome engineering tools and strategies, from increasing the nutraceuticals in cereals and fruits, to decreasing the anti-nutrients in crop plants to improve the bioavailability of minerals and vitamins.



Genome Engineering for Crop Improvement provides an up-to-date view of the use of genome editing for crop bio-fortification, improved bioavailability of minerals and nutrients, and enhanced hypo-allergenicity and hypo-immunogenicity. This volume examines a diversity of important topics including mineral and nutrient localization, metabolic engineering of carotenoids and flavonoids, genome engineering of zero calorie potatoes and allergen-free grains, engineering for stress resistance in crop plants, and more. Helping readers deepen their knowledge of the application of genome engineering in crop improvement, this book:

- Presents genetic engineering methods for developing edible oil crops, mineral translocation in grains, increased flavonoids in tomatoes, and cereals with enriched iron bioavailability
- Describes current genome engineering methods and the distribution of nutritional and mineral composition in important crop plants
- Offers perspectives on emerging technologies and the future of genome engineering in agriculture

Genome Engineering for Crop Improvement is an essential resource for academics, scientists, researchers, agriculturalists, and students of plant molecular biology, system biology, plant biotechnology, and functional genomics.

MARCH 2021 448PP
978-1-119-67236-4 CL \$190.00 (Japan)
Plant Molecular Biology

Recent Advances in Polyphenol Research

Volume 7

EDITOR STÉPHANE QUIDEAU, EDITOR JESS REED & EDITOR VICTOR DE FREITAS

University of Bordeaux, France

Plant polyphenols are secondary metabolites that constitute one of the most common and widespread groups of natural products. They are essential plant components for adaptation to the environment and possess a large and diverse range of biological functions that provide many benefits to both plants and humans. Polyphenols, from their structurally simplest forms to their oligo/polymeric versions (i.e. tannins and lignins), are phytoestrogens, plant pigments, antioxidants, and structural components of the plant cell wall. The interaction between tannins and proteins is involved in plant defense against predation, cause astringency in foods and beverages, and affect the nutritional and health properties of human and animal food plants.



This seventh volume of the highly regarded *Recent Advances in Polyphenol Research* series is edited by Jess Reed, Victor de Freitas, and Stéphane Quideau, and brings together chapters written by some of the leading experts working in the polyphenol sciences today. Topics covered include:

- Chemistry and physicochemistry
- Biosynthesis, genetics and metabolic engineering
- Roles in plants and ecosystems
- Food, nutrition and health
- Applied polyphenols

Distilling the most recent and illuminating data available, this new volume is an invaluable resource for chemists, biochemists, plant scientists, pharmacognosists and pharmacologists, biologists, ecologists, food scientists and nutritionists.

MARCH 2021 350PP
978-1-119-54592-7 CL \$185.00
Plant Biochemistry

Amyotrophic lateral sclerosis

Heterogeneity, Pathogenesis, and Therapeutic Avenues

CHRISTOPHER A. SHAW & JESSIA R. MORRICE

MARCH 2021 192PP
978-1-119-74549-5 CL \$125.00 (Japan)
Neuroscience

文学

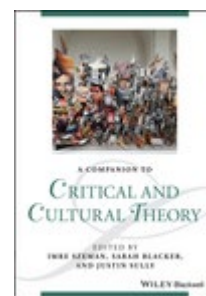
A Companion to Critical and Cultural Theory

EDITOR IMRE SZEMAN, EDITOR SARAH BLACKER & EDITOR JUSTIN SULLY

University of Alberta, Canada; Max Planck Institute for the History of Science, Berlin, Germany; Queen's University, Kingston, Ontario, Canada

This *Companion* addresses the contemporary transformation of critical and cultural theory, with special emphasis on the way debates in the field have changed in recent decades.

- Features original essays from an international team of cultural theorists which offer fresh and compelling perspectives and sketch out exciting new areas of theoretical inquiry Thoughtfully organized into two sections -- lineages and problematics -- that facilitate its use both by students new to the field and advanced scholars and researchers
- Explains key schools and movements clearly and succinctly, situating them in relation to broader developments in culture, society, and politics
- Tackles issues that have shaped and energized the field since the Second World War, with discussion of familiar and under-theorized topics related to living and laboring, being and knowing, and agency and belonging



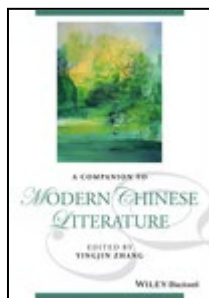
MARCH 2021 608PP
978-1-119-40464-4 PB \$59.95 (Japan)
9781118472316 CL \$202.75 (Japan) Published Sep 2017
English Literature

A Companion to Modern Chinese Literature

EDITOR YINGJIN ZHANG

University of California, San Diego, USA

This wide-ranging *Companion* provides a vital overview of modern Chinese literature in different geopolitical areas, from the 1840s to now. It reviews major accomplishments of Chinese literary scholarship published in Chinese and English and brings attention to previously neglected, important areas.



- Offers the most thorough and concise coverage of modern Chinese literature to date, drawing attention to previously neglected areas such as late Qing, Sinophone, and ethnic minority literature
- Several chapters explore literature in relation to Sinophone geopolitics, regional culture, urban culture, visual culture, print media, and new media
- The introduction and two chapters furnish overviews of the institutional development of modern Chinese literature in Chinese and English scholarship since the mid-twentieth century
- Contributions from leading literary scholars in mainland China and Hong Kong add their voices to international scholarship

SERIES: BLACKWELL COMPANIONS TO LITERATURE AND CULTURE

MARCH 2021 592PP
978-1-119-10908-2 PB \$46.75 (Japan)
9781118451625 CL \$202.75 (Japan) Published Oct 2015
Comparative & World Literature

数学

Linear Algebra

Ideas and Applications, 5th Edition

RICHARD C. PENNEY, WEST LAFAYETTE, UNITED STATES

Purdue University

Learn foundational and advanced topics in linear algebra with this concise and approachable resource

A comprehensive introduction, *Linear Algebra: Ideas and Applications, Fifth Edition* provides a discussion of the theory and applications of linear algebra that blends abstract and computational concepts. With a focus on the development of mathematical intuition, the book emphasizes the need to understand both the applications of a particular technique and the mathematical ideas underlying the technique.



The book introduces each new concept in the context of explicit numerical examples, which allows the abstract concepts to grow organically out of the necessity to solve specific problems. The intuitive discussions are consistently followed by rigorous statements of results and proofs. *Linear Algebra: Ideas and Applications, Fifth Edition* also features:

- A new application section on Google's Page Rank Algorithm.
- A new application section on pricing long term health insurance at a Continuing Care Retirement Community (CCRC).
- Many other illuminating applications of linear algebra with self-study questions for additional study.
- End-of-chapter summaries and sections with true-false questions to aid readers with further comprehension of the presented material
- Numerous computer exercises throughout using MATLAB® code

Linear Algebra: Ideas and Applications, Fifth Edition is an excellent undergraduate-level textbook for one or two semester undergraduate courses in mathematics, science, computer science, and engineering. With an emphasis on intuition development, the book is also an ideal self-study reference.

MARCH 2021 512PP
978-1-119-65692-0 CL \$125.00 (Japan)
Linear Algebra

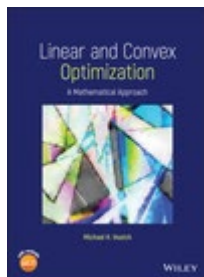
Linear and Convex Optimization

A Mathematical Approach

MICHAEL VEATCH

Discover the practical impacts of current methods of optimization with this approachable, one-stop resource

Linear and Convex Optimization: A Mathematical Approach delivers a concise and unified treatment of optimization with a focus on developing insights in problem structure, modeling, and algorithms. Convex optimization problems are covered in detail because of their many applications and the fast algorithms that have been developed to solve them.



Experienced researcher and undergraduate teacher Mike Veatch presents the main algorithms used in linear, integer, and convex optimization in a mathematical style with an emphasis on what makes a class of problems practically solvable and developing insight into algorithms geometrically. Principles of algorithm design and the speed of algorithms are discussed in detail, requiring no background in algorithms.

The book offers a breadth of recent applications to demonstrate the many areas in which optimization is successfully and frequently used, while the process of formulating optimization problems is addressed throughout.

Ideal for upper level undergraduate mathematics majors with an interest in practical applications of mathematics, this book will also appeal to business, economics, computer science, and operations research majors with at least two years of mathematics training.

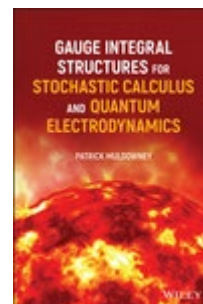
MARCH 2021 480PP
978-1-119-66404-8 CL \$130.00 (Japan)
Linear Algebra

Gauge Integral Structures for Stochastic Calculus and Quantum Electrodynamics

PATRICK MULDOWNNEY

University of Ulster

MARCH 2021 UnknownPP
978-1-119-59549-6 CL \$125.00 (Japan)
Business & Finance



メディカル・サイエンス

Understanding Clinical Papers

4th Edition

DAVID BOWERS, ALLAN HOUSE, DAVID OWENS & BRIDGETTE BEWICK

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

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



MARCH 2021 304PP
978-1-119-57316-6 PB \$50.00 (Japan)
MEDICAL STATISTICS & EPIDEMIOLOGY

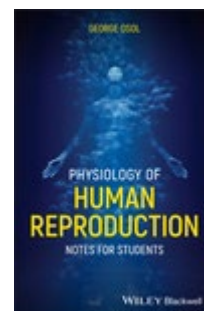
Physiology of Human Reproduction

Notes for Students

GEORGE OSOL

Physiology of Human

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



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

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

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

MARCH 2021 96PP
978-1-119-60958-2 PB \$37.50 (Japan)
Physiology

A Practical Guide to Prevention and Treatment of Complications During Transcatheter Aortic Valve Implantation

EDITOR MARCO ZIMARINO, EDITOR RON WAKSMAN, EDITOR IGNACIO AMAT-SANTOS & EDITOR CORRADO TAMBURINO

Director, Cardiovascular Research Institute, Georgetown University School of Medicine, Washington DC

A Practical Guide to Prevention and Treatment of Complications during Transcatheter Aortic Valve Implantation

Calcific aortic stenosis (AS) is the most common heart valve anomaly, with a largely age-dependent prevalence, a calculated annual incidence rate in the range of 4-5% in general populations and up to 6% in patients aged 75 years and over.

Surgical aortic valve replacement (SAVR) was previously the only option available to patients with symptomatic, severe aortic stenosis. After the first-in-human transcatheter aortic valve implantation (TAVI) was performed by Alain Cribier in 2002, the treatment strategy for patients with symptomatic AS has been revolutionized. Since then, TAVI has grown exponentially, as a result of accruing evidence demonstrating safety and efficacy, and reduced invasiveness compared with SAVR. TAVI devices are continuously expanding to include several valve design options. As this strategy is continuously evolving to treat younger patients and lower-risk populations, aside from the long-term durability of the valve systems, procedural safety will become the focus of newer-generation devices.

This book is a practical handbook devoted to the optimization of TAVI procedures, through a focused containment of complications. Through an integrated evaluation of the clinical status, imaging techniques and laboratory findings, the authors provide readers with clear messages on preventive and therapeutic recommendations.

MARCH 2021 384PP
978-1-119-72059-1 CL \$175.00 (Japan)
Interventional Cardiology

Clinical Cases in Paramedicine

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

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

Clinical Cases in

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



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

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

MARCH 2021 220PP
978-1-119-61925-3 PB \$50.00 (Japan)
Emergency Medicine & Trauma

Liver Transplantation

Clinical Assessment and Management, 2nd Edition

EDITOR JAMES NEUBERGER, EDITOR JAMES FERGUSON, EDITOR
PHILIP N. NEWSOME & MICHAEL R. LUCEY

The Queen Elizabeth Hospital; Ninewells Hospital, Dundee,
UK; The Medical School, University of Birmingham, Queen
Elizabeth Hospital, Birmingham, UK

**Explore this practical and step-by-step guide to managing
liver transplant patients from leading
international clinicians in Hepatology**

The newly revised Second Edition of *Liver Transplantation: Clinical Assessment and Management* delivers expert clinical guidance on best practices in managing the care of liver transplant patients. Authors are all experts in their field and cover a world-wide perspective. Organized in an accessible, stepwise fashion and packed with text features such as key points, the book covers all critical areas of each stage of the liver transplant journey, from assessment, to management on the list, to long term care.

Readers will learn when to refer a patient for liver transplantation, how to assess a potential liver transplant recipient, learn the principles of the procedure and the long term management of the transplant recipient. *Liver Transplantation* provides the entire hepatology and surgical team the information required for a sound understanding of the entire procedure, from pre- to post-operative care and management. Clinically oriented and management-focused, the book is far more accessible than the liver transplant sections in traditional hepatology textbooks.

Perfect for gastroenterologists, hepatologists, and surgeons and other health care professionals managing patients with liver disease who are awaiting, undergoing and following liver transplantation, *Liver Transplantation: Clinical Assessment and Management* will also earn a place in the libraries of medical students, residents, internal medicine physicians, and GI/Hepatology trainees and all health care professionals providing clinical care to people with liver disease, before, during and after transplantation.

MARCH 2021 507PP
978-1-119-63398-3 CL \$160.00 (Japan)
GASTROENTEROLOGY & HEPATOLOGY

Surgical Management of Advanced Pelvic Cancers

EDITOR DESMOND WINTER & EDITOR MICHAEL E. KELLY

**An innovative guide to the practice
of pelvic exenterative surgery
for the management of advanced pelvic neoplasms**

Exenterative surgery plays an important role in the management of advanced pelvic cancer. However, while a large body of evidence regarding outcomes following pelvic exenteration now exists, practical strategies and management options remain unclear. *Surgical Management of Advanced Pelvic Cancer* addresses this problem by assembling world-leaders in the field to provide insights into the latest techniques and best practices. It includes detailed coverage of:

- Surgical anatomy
- Operative approaches and exenterative techniques
- Reconstruction options
- Current evidence on survival and quality of life outcomes

Featuring essential information for those managing patients with advanced pelvic neoplasms, *Surgical Management of Advanced Pelvic Cancer* consolidates the latest data and practical advice in one indispensable guide.

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

Sarcopenia

2nd Edition

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

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

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

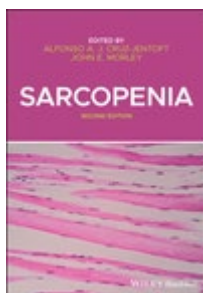
Sarcopenia is common in older men and women, and yet awareness of its clinical relevance is still relatively low. Only formally included in the International Classification of Diseases in 2016, the condition may impact societies with serious health-related and financial consequences unless consistent,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

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

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

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

MARCH 2021 384PP
978-1-119-59787-2 CL \$160.00 (Japan)
GERIATRIC MEDICINE



Handbook of Pediatric Hematology and Oncology

Children's Hospital and Research Center Oakland

3rd Edition

CAROLINE A. HASTINGS, JOSEPH C. TORKILDSON & ANURAG K. AGRAWAL

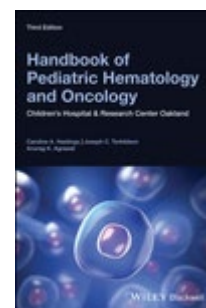
Pediatric Hematology and Oncology, Children's Hospital Oakland, Oakland, CA; Department of Hematology and Oncology, Children's Hospital and Research Center, Oakland, CA; Pediatric Hematology/Oncology Fellow, Children's Hospital & Research Center Oakland, Oakland, CA

The revised guide to the diagnosis, management, and treatment of blood disorders and cancer in children

Children with blood disorders and cancer are a unique population that require specialized diagnostic considerations and management. The *Handbook of Pediatric Hematology and Oncology* has been designed to provide clinicians of all levels with practical guidance through an up-to-date algorithmic approach to these conditions.

With its direct guidance and portable design, the *Handbook of Pediatric Hematology and Oncology: Children's Hospital & Research Center Oakland, Third Edition*, will prove an invaluable resource to medical students, trainees and residents, pediatric hematology and oncology nurses, pediatricians, and early-career providers in pediatric hematology/oncology.

MARCH 2021 400PP
978-1-119-21074-0 PB \$75.00 (Japan)
HEMATOLOGY



Transfusion Medicine Paper

JEFFREY MCCULLOUGH

University of Minnesota School of Medicine

MARCH 2021 576PP
978-1-119-59953-1 PB \$125.00 (Japan)
HEMATOLOGY

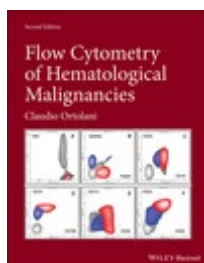
Flow Cytometry of Hematological Malignancies

2nd Edition

CLAUDIO ORTOLANI

Consultant Clinical Pathologist (retired), Ospedale dell'Angelo,
Venice, Italy

Flow Cytometry of Hematological Malignancies contains an array of graphical outputs produced by the technique in the study of the most (and the least) common diseases. Designed to be practical, the book is perfect for quick consultation. This authoritative and state-of-the-art reference will be invaluable for clinicians directly involved in the diagnosis and analysis of hematological diseases, including hematologists, hematopathologists, oncologists, pathologists and technicians working in diagnostic laboratories.



MARCH 2021 352PP
978-1-119-61125-7 CL \$200.00 (Japan)
LABORATORY HEMATOLOGY

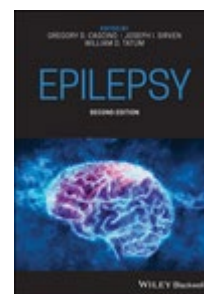
Epilepsy

2nd Edition

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

Mayo Clinic; Mayo Clinic

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



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

The Maudsley Prescribing Guidelines in Psychiatry

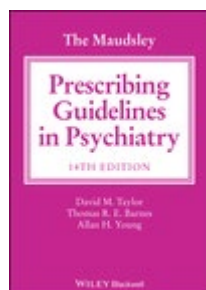
14th Edition

DAVID M. TAYLOR

Maudsley Hospital

SERIES: THE MAUDSLEY
PRESCRIBING GUIDELINES SERIES

MARCH 2021 872PP
978-1-119-77222-4 PB \$70.00 (Japan)
Psychiatry



MRI Registry Review

Tech to Tech Questions and
Answers

STEPHEN J. POWERS

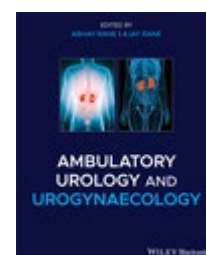
MARCH 2021 260PP
978-1-119-75793-1 PB \$50.00 (Japan)
MRI



Outpatient Urology and Urogynecology

EDITOR ABHAY RANE & EDITOR AJAY RANE

MARCH 2021 244PP
978-1-119-05229-6 CL \$125.00 (Japan)
Urology



機械工学

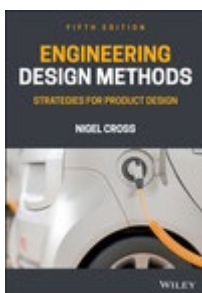
Engineering Design Methods

Strategies for Product Design, 5th Edition

NIGEL CROSS, The Open University

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

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



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

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

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

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

Product Realization

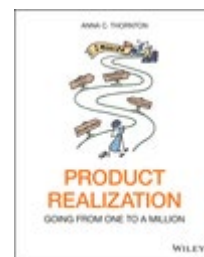
Going from One to a Million

ANNA C. THORNTON

Analytics Operations Engineering, MA

Most of the literature on product realization is scattered in blogs, individual chapters of books, and internal company documents. Until now, there has been no single text that covers the whole launch process from end-to-end. The challenge of product realization is the interactions between the various activities and deliverables.

Product Realization is based on first-hand experience with many companies comprising different sizes, technologies, and product development timelines. This book brings together fundamental theories and product development tools with the reality of what it takes to work in industry. Includes examples and stories from industry to illustrate and bring the material alive.



MARCH 2021 496PP
978-1-119-64953-3 CL \$85.00 (Japan)
Mechanical Engineering - Design

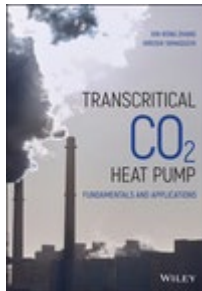
Transcritical CO₂ Heat Pump

Fundamentals and Applications

XINRONG ZHANG & HIROSHI YAMAGUCHI

A timely and comprehensive introduction to CO₂ heat pump theory and usage

- A comprehensive introduction of CO₂ application in heat pump, authored by leading scientists in the field
- CO₂ is a hot topic due to concerns over global warming and the 'greenhouse effect'. Its disposal and application has attracted considerable research and governmental interest
- Explores the basic theories, devices, systems and cycles and real application designs for varying applications, ensuring comprehensive coverage of a current topic
- CO₂ heat transfer has everyday applications including water heaters, air-conditioning systems, residential and commercial heating systems, and cooling systems



MARCH 2021 360PP
978-1-118-38004-8 CL \$155.00 (Japan)
Thermodynamics

Vibrations of Linear Piezostructures

ANDREW J. KURDILA & PABLO A. TARAZAGA

University of Florida

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

SERIES: WILEY-ASME PRESS SERIES

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

Dynamics and Control of Interplanetary Flight

JUNFENG LI, FANGHUA JIANG & HEXI BAOYIN

A concise look at the fundamentals of interplanetary flight dynamics and control coupled with the latest research findings

- Offers concise coverage of the fundamentals of interplanetary flight dynamics and control
- Features the latest findings and research results from experiments and top tier international journals
- Provides an in-depth analysis of theoretical results and simulations of important topics like low-thrust trajectory optimization, orbital dynamics around irregular asteroids, and solar sail trajectory optimization
- Includes worked-out numerical examples to aid learning of theories and methods

MARCH 2021 400PP
978-1-119-28960-9 CL \$150.00 (Japan)
Aeronautic & Aerospace Engineering

Recognition and Perception of Images

IFTIKHAR B. ABBASOV

This book is dedicated to the unique interdisciplinary research of imagery processing, recognition and perception. The contents of this book are based on the concepts of mathematical processing, compositional analysis applied in the art and design, and psychological factors of the information perception process.

The conduction of compositional analysis carried out in the course of images processing and recognition, creation of the image project solution and modeling of the conceptual space structures are considered together with the mechanism of their perception.

Edited and written by a group of international experts, the practical applications for industry are covered, including the influence of internet memes on social networks and face recognition technology subject to interferences. The algorithms of perception and improving of accuracy necessary for satellite imagery recognition and complex reflection from the object are represented with the use of artificial neural networks.

Not just a study in how humans recognize and perceive images, this outstanding new volume delves into how these processes are used in technology for continuously evolving industrial applications. Whether for the veteran scientist or engineer, or for the student, this is a must-have for any library.

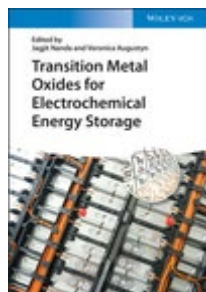
MARCH 2021 460PP
978-1-119-75055-0 CL \$225.00 (Japan)
Aeronautic & Aerospace Engineering

材料科学

**Transition Metal Oxides for
Electrochemical Energy Storage**

EDITOR JAGJIT NANDA & EDITOR VERONICA AUGUSTYN

The handbook focuses on the science and applications of metal oxides in intercalation-based batteries, solid electrolytes for ionic conduction, pseudocapacitive charge storage, transport and 3D architectures and interfacial phenomena and defects. As such, the handbook serves as a single source of information for materials researchers looking for both fundamental and applied knowledge pertaining to these classes of materials.



MARCH 2021 500PP
978-3-527-34493-2 CL \$230.00 (Japan)
Electronic Materials

Atomic Layer Processing

Semiconductor Dry Etching Technology

THORSTEN LILL

This practical guide provides in-depth information on the various etching technologies that are used in the semiconductor industry, including, but not limited to thermal etching, isotropic atomic layer etching, radical and ion-assisted etching, and reactive ion etching. It is complemented by chapters on the design of etching reactors, modeling of etching and process control.

MARCH 2021 325PP
978-3-527-34668-4 PB \$125.66 (Japan)
Thin Films, Surfaces & Interfaces

ナノテクノロジー

Wafer Manufacturing: Shaping of Single Crystal Silicon Wafers

IMIN CAO & MILIND BHAGAVAT

Mechanical Engineering; Mechanical Engineering

Presenting all the major stages in wafer manufacturing, from crystals to prime wafers.

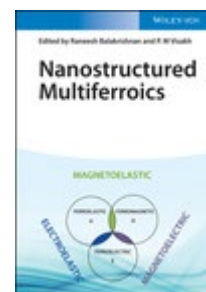
This book first outlines the physics, associated metrology, process modelling and quality requirements and then goes on to discuss wafer forming and wafer surface preparation techniques. The whole is rounded off with a chapter on the research and future challenges in wafer manufacturing.

MARCH 2021 375PP
978-0-470-06121-3 CL \$160.00 (Japan)
Materials Processing

Nanostructured Multiferroics

VISAKH P. M. & RANEESH BALAKRISHNAN

The book summarizes many of the recent research accomplishments in the area of nanostructured multiferroics and their preparation, characterization and applications. The book covers single-phase and composite multiferroics, nanomultiferroics and multiferroic composites. It elucidates the physical properties, the underlying physical principles as well as the technology and application aspects of nanostructured multiferroics, e.g., in the fields of energy harvesting and spintronics.



MARCH 2021 500PP
978-3-527-34320-1 CL \$175.00 (Japan)
Nanomaterials

ナーシング

Fundamentals of Children and Young People's Anatomy and Physiology

A Textbook for Nursing and Healthcare Students

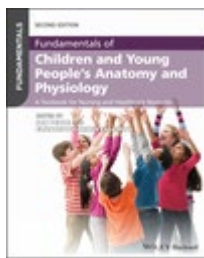
2nd Edition

EDITOR IAN PEATE, GIBRALTAR & EDITOR ELIZABETH GORMLEY-FLEMING

School of Nursing and Midwifery ; School of Health and Social Work, University of Hertfordshire, Hatfield, UK

Fundamentals of Children and Young People's Anatomy and Physiology contains the critical

knowledge required to provide safe and effective care to young people. Emphasising the application of evidence-based theory to practice, this comprehensive yet accessible text book helps nursing and healthcare students understand how children's anatomical and physiological systems influence disease processes and treatment options differently than in adults. Highly visual, succinct yet comprehensive, this textbook presents an overview of the structure and function of each body system, supported by clinical applications demonstrating how the concepts relate to nursing in practice.



Fully revised to reflect the Future Nurse Curriculum Standards, this second edition contains a new chapter on physical growth and development, discussion of social, political, and environmental impacts to children's health and wellbeing, updated problems and activates, and more. Each chapter includes a range of effective pedagogical tools, such as learning objectives, clinical considerations, body maps, and self-assessment questions.

Fundamentals of Children and Young People's Anatomy and Physiology is essential reading for nursing and healthcare students, and a useful reference for nurses, nursing associates, healthcare assistants, assistant practitioners, and other professionals working in the field.

SERIES: FUNDAMENTALS

MARCH 2021 340PP
978-1-119-61922-2 PB \$50.00 (Japan)
NURSING CHILDREN & YOUNG PEOPLE

Nursing and Health Interventions

Design, Evaluation and Implementation, 2nd Edition

SOURAYA SIDANI & CARRIE JO BRADEN

Ryerson University, Toronto, Ontario, Canada ; The University of Texas Health Science Center at San Antonio, San Antonio, Texas, USA

MARCH 2021 320PP
978-1-119-61012-0 PB \$69.50 (Japan)
NURSING RESEARCH

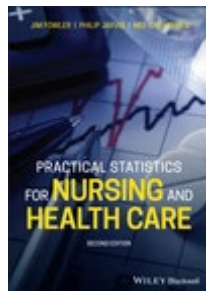
Practical Statistics for Nursing and Health Care

2nd Edition

JIM FOWLER, PHILIP JARVIS & MEL CHEVANNES

Leicester Polytechnic, UK; Safety of Medicines, Zeneca Pharmaceuticals, Macclesfield, UK; De Montfort University, Leicester, UK

Now in its second edition, *Practical Statistics for Nursing and Health Care* provides a sound foundation for nursing, midwifery and other health care students and early career professionals, guiding readers through the often daunting subject of statistics 'from scratch'. Making no assumptions about one's existing knowledge, the text develops in complexity as the material and concepts become more familiar, allowing readers to build the confidence and skills to apply various formula and techniques to their own data.



The authors explain common methods of interpreting data sets and explore basic statistical principles that enable nurses and health care professionals to decide on suitable treatment, as well as equipping readers with the tools to critically appraise clinical trials and epidemiology journals.

- Offers information on statistics presented in a clear, straightforward manner
- Covers all basic statistical concepts and tests, and includes worked examples, case studies, and data sets
- Provides an understanding of how data collected can be processed for the patients' benefit
- Contains a new section on how to calculate and use percentiles

Written for students, qualified nurses and other healthcare professionals, *Practical Statistics for Nursing and Health Care* is a hands-on guide to gaining rapid proficiency in statistics.

MARCH 2021 400PP
978-1-119-69852-4 PB \$56.95 (Japan)
NURSING RESEARCH

Better Births

The Midwife "With Woman"

ANNA BROWN

Better Births: The Midwife

"with Woman" provides readers with an in-depth understanding of the fundamental concepts at the heart of all midwifery practice. Written for student midwives and qualified practitioners alike, this evidence-based textbook examines what it means to be 'with woman' from a range of perspectives, in a variety of contexts, and in diverse areas of practice. Based on Rodgers' evolutionary concept analysis--the theoretical approach to developing knowledge in nursing science--this authoritative resource systematically examines and analyses the most recent literature and evidence, presenting findings of high relevance to midwives and childbearing women with contributions from international experts.

- Introduces the concept of being 'with woman' and explains the evolutionary concept analysis approach
- Provides insights on the relationship between woman and midwife and on fulfilling the 'with woman' concept
- Reviews contemporary literature to identify new knowledge and generate questions about the concept
- Includes discussion of global and historical perspectives, high risk midwifery, mental health issues, supporting the bereaved woman, delivering nurturing care to the older childbearing woman, midwifery education, public health, the future of midwifery, and more

Better Births is essential reading for undergraduate and graduate students in midwifery programmes, scholars and educators in the field, sociologists and researchers in related disciplines, and general readers interested in women's position in society, birth and motherhood, and feminism.

MARCH 2021 208PP
978-1-119-62874-3 PB \$39.99 (Japan)
Midwifery

Kelly Vana's Nursing Leadership and Management

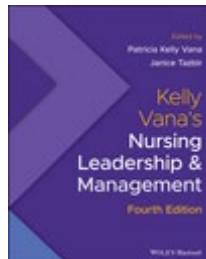
4th Edition

EDITOR PATRICIA J. KELLY & EDITOR JANICE TAZBIR

READERSHIP:

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

MARCH 2021 944PP
978-1-119-59661-5 PB \$125.00 (Japan)
Nursing Management & Leadership



Writing for Publication in Nursing and Healthcare

Getting it Right, 2nd Edition

EDITOR KAREN HOLLAND & EDITOR ROGER WATSON

Research Fellow, School of Nursing, Midwifery and Social Work, University of Salford, UK; Professor of Nursing, The University of Hull

Writing for Publication in Nursing and Healthcare helps readers develop the skills necessary for publishing in professional journals, presenting conference papers, authoring books, research reports, and literature reviews, and more. This comprehensive resource covers all aspects of writing for publication, including good practice in reviewing, the editorial process, ethical aspects of publishing, and the rules that govern academic writing, publishing, and dissemination. Assuming no prior expertise in the subject, the text uses an accessible, step-by-step approach that incorporates a wealth of real-life examples, hands-on activities, and valuable tips throughout.

The second edition reflects the latest developments, guidelines, and practices both in academic publishing and in research assessment and dissemination. New and updated material covers the increasing use of social media to disseminate published work, post-publication scrutiny, contemporary issues surrounding predatory or unethical publishers, and new requirements for research registration and submission data.

The definitive introduction to the subject, *Writing for Publication in Nursing and Healthcare* is a must-have for all nurses and healthcare professionals, as well as undergraduate and graduate students in nursing and healthcare programs who are required to write for publication.

MARCH 2021 288PP
978-1-119-58363-9 PB \$39.95 (Japan)
NURSING EDUCATION & PROFESSIONAL DEVELOPMENT

Fundamentals of Pharmacology

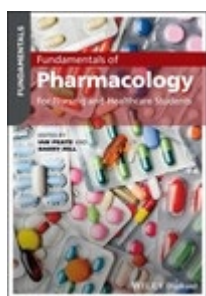
For Nursing & Healthcare Students

EDITOR IAN PEATE, GIBRALTAR & EDITOR BARRY HILL

School of Nursing and Midwifery

READERSHIP:

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



SERIES: FUNDAMENTALS

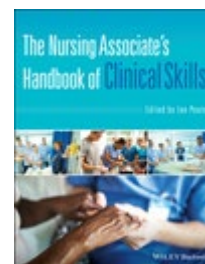
MARCH 2021 384PP
978-1-119-59466-6 PB \$45.00 (Japan)
General Clinical Nursing

The Nursing Associate's Handbook of Clinical Skills

EDITOR IAN PEATE, GIBRALTAR

School of Nursing and Midwifery

The Nursing Associate's Handbook of Clinical Skills provides evidence-based guidance for those undertaking the newly developed Nursing Associate (NA) role that bridges the gap between the Health Care Assistant (HCA) and the Registered Nurse (RN). Structured around the latest Nursing and Midwifery Council (NMC) Proficiencies, this invaluable handbook helps the prospective Nursing Associates develop the skills and core competencies required to succeed in a broad range of healthcare contexts--covering more than 90 procedures, and communication and relationship management skills.



This timely resource features contributions from a team of experienced clinicians and academics, addressing clinical procedures on topics including skin integrity, nutrition and hydration, mobility and safety, respiratory care, managing infection, administering medicine, and end of life care. Clear, accessible chapters contain a wealth of effective learning tools, including self-assessment tests, review questions, links to electronic resources, supporting evidence, and more.

Presenting the principles of care essential for meeting the needs of patients in dynamic health and social care environments, *The Nursing Associate's Handbook of Clinical Skills* is an indispensable guide for trainee Nursing Associates, as well as for health and social care assistants and those returning to practice.

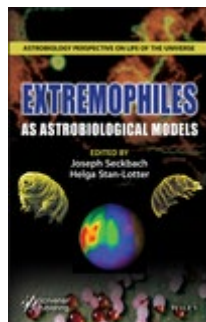
MARCH 2021 342PP
978-1-119-64230-5 PB \$32.50 (Japan)
General Clinical Nursing

物理学

EXTREMOPHILES as Astrobiological Models

JOSEPH SECKBACH & HELGA STAN-LOTTER

The data in this book are new or updated, and will serve also as Origin of Life and evolutionary studies. Endospores of bacteria have a long history of use as model organisms in astrobiology, including survival in extreme environments and interplanetary transfer of life. Numerous other bacteria as well as archaea, lichens, fungi, algae and tiny animals (tardigrades, or water bears) are now being investigated for their tolerance to extreme conditions in simulated or real space environments. Experimental results from exposure studies on the International Space Station and space probes for up to 1.5 years are presented and discussed. Suggestions for extaterrestrial energy sources are also indicated.



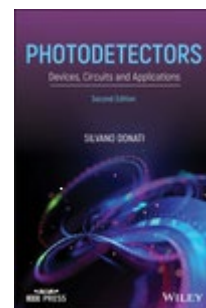
MARCH 2021 416PP
978-1-119-59168-9 CL \$249.00 (Japan)
Astronomy & Astrophysics

Photodetectors

Devices, Circuits and Applications, 2nd Edition

SILVANO DONATI

The book describes a wide range of materials on various photodetectors from their basic physics to their technological applications. Also, it develops circuits for photodetectors and illustrates and evaluates them in a number of applications. A feature of the book is the recurring reference to the ultimate performances achievable within the physical limits, in particular noise. In addition to the corrections and improvements suggested by readers of the book or made by the author himself, the second edition of the book is an expanded revision of the first edition by adding new materials, such as SPAD and UTC, in order to keep up with the development in the field of photodetectors over the past years, and adding exercise problems in each chapter for readers of the book to practice.



MARCH 2021 448PP
978-1-119-76991-0 CL \$140.00 (Japan)
Optics & Photonics

哲学

Reading Philosophy

Selected Texts with a Method for Beginners

2nd Edition

SAMUEL GUTTENPLAN, JENNIFER HORNSBY, CHRISTOPHER JANAWAY & JOHN SCHWENKLER

Birkbeck College, London; Birkbeck College, London;
University of Southampton

A key introductory philosophy textbook, making use of an innovative, interactive technique for reading philosophical texts

Reading Philosophy: Selected Texts with a Method for Beginners, Second Edition, provides a unique approach to reading philosophy, requiring students to engage with material as they read. It contains carefully selected texts, commentaries on those texts, and questions for the reader to think about as she reads. It serves as starting points for both classroom discussion and independent study. The texts cover a wide range of topics drawn from diverse areas of philosophical investigation, ranging over ethics, metaphysics, epistemology, philosophy of mind, aesthetics, and political philosophy.



This edition has been updated and expanded. New chapters discuss the moral significance of friendship and love, the subjective nature of consciousness and the ways that science might explore conscious experience. And there are new texts and commentary in chapters on doubt, self and moral dilemmas.

This book is an ideal resource for beginning students in philosophy, as well as for anyone wishing to engage with the subject on their own.

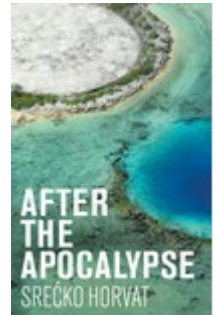
SERIES: READING PHILOSOPHY
MARCH 2021 384PP
978-1-119-09467-8 PB \$34.95 (Japan)
Introductions to Philosophy

After the Apocalypse

SRECKO HORVAT

READERSHIP: Students and scholars in the humanities and social science, as well as interested general readers.

MARCH 2021 180PP
978-1-5095-4007-5 CL \$64.95 (Japan)
978-1-5095-4008-2 PB \$19.95 (Japan)
Critical Theory



The International Encyclopedia of Ethics

2nd Edition, 11 Volume

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


University of South Florida

再掲載タイトル

倫理学国際百科事典（全11巻）第二版
新版より全11巻となりました。

855 entries in the 2nd ed. Of these:

- 530 are reused from the 1e
- 198 are updated from the 1e
- 127 are new

MARCH 2021 7280PP
978-1-119-48887-3 CL \$1795.00 (Japan) 
ETHICS

Letters from a Stoic

The Ancient Classic

SENECA, SERIES EDITOR TOM BUTLER-BOWDON & DONALD
ROBERTSON

Oxford, UK

Throughout the centuries, Seneca has been admired as one of the greatest writers of antiquity. He has a way of expressing Stoic philosophy that makes it seem just as relevant to life today as it was two thousand years ago. Seneca taught that we should remain grounded in the present moment by being fully aware of the impermanence of life.



In being clear-sighted and dealing with adversity head-on, it's possible to live a life of meaning and contentment in the here and now, truly enjoying nature, art, friends and loved ones. The rise and rise in popularity of Stoic philosophy has made Seneca's letters bedside reading for many.

This collectible, hard-back edition of *Letters from a Stoic* includes an insightful introduction by series editor and self-help expert Tom Butler-Bowdon. Tom is an authority on classic self-help texts and connects the content of this book with the concerns of modern readers.

SERIES: CAPSTONE CLASSICS

MARCH 2021 320PP
978-1-119-75135-9 CL \$12.99 (Japan)
Ancient Philosophy

Correspondence, 1939 - 1969

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

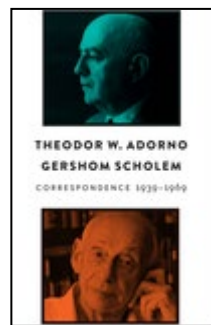
Frankfurt School

READERSHIP:

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

theory, cultural studies and cultural theory, literary theory, philosophy, theology and Jewish

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



MARCH 2021 520PP
978-1-5095-1045-0 CL \$45.00 (Japan)
20th Century Philosophy

This Is Epistemology

An Introduction

CLAYTON LITTLEJOHN

SERIES: THIS IS PHILOSOPHY

MARCH 2021 UnknownPP
978-1-118-33682-3 PB \$34.95 (Japan)
Epistemology

政治学

Latino Politics

3rd Edition

LISA GARCIA BEDOLLA & CHRISTIAN HOSAM

READERSHIP: Students of politics, Latino studies, ethnic studies and related disciplines.

MARCH 2021 340PP
978-1-5095-3773-0 CL \$74.95 (Japan)
978-1-5095-3774-7 PB \$29.95 (Japan)
American Politics

**Decolonizing Politics**

A Guide to Theory and Practice

ROBBIE SHILLIAM

READERSHIP: Students enrolled in large survey courses -- i.e. political theory, political economy, comparative politics, political ideologies, international relations, and similar -- or those enrolled in more specialist honours courses related to race, colonialism and politics -- domestic and global.

MARCH 2021 200PP
978-1-5095-3938-3 CL \$64.95 (Japan)
978-1-5095-3939-0 PB \$22.95 (Japan)
Political Philosophy & Theory

**What's Wrong with NATO and How to Fix it**

MARK WEBBER, JAMES SPERLING & MARTIN A. SMITH

READERSHIP: Students of security studies, international relations, foreign policy and related areas

MARCH 2021 304PP
978-0-7456-8261-7 CL \$69.95 (Japan)
978-0-7456-8262-4 PB \$26.95 (Japan)
War & Peace Studies



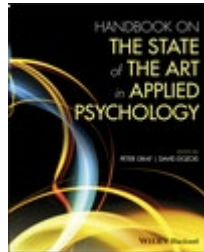
心理学

Handbook on the State of the Art in Applied Psychology

EDITOR PETER GRAF & EDITOR DAVID DOZOIS

Learn the most up-to-date developments in applied psychology with one authoritative collection

The *Handbook on the State of the Art in Applied Psychology* delivers 19 state-of-the-art addresses on a selected topic in applied psychology. Together, they constitute an up-to-date and authoritative reference that describes the most cutting-edge material in the most prominent domains of applied psychology. The accomplished academics and editors Dr. Peter Graf and Dr. David Dozois put the focus on areas where the most profound recent progress has been made. They also emphasize the link between science and practice, showcasing basic science research that has practical implications for real world problems.



Readers will benefit from up-to-date research on topics as varied as occupational commitment and organizational productivity, forgiveness, shared cultural spaces, environmental decision making, and the early identification of reading problems.

In addition to the papers included in the collection, the *Handbook on the State of the Art in Applied Psychology* features:

- An insightful preface focused on the theme of connecting basic research to practical solutions in the real world
- An overview of the chapters and their arrangement in the collection
- An author and subject index to assist readers in finding the information they seek

Perfect for applied psychology researchers, workers, teachers, and students around the world, *Handbook on the State of the Art in Applied Psychology* also belongs on the bookshelves of anyone looking for an efficient way to get up to speed on the latest developments on a wide variety of relevant topics in applied psychology.

MARCH 2021 528PP
978-1-119-62769-2 PB \$149.95 (Japan)
Applied Psychology

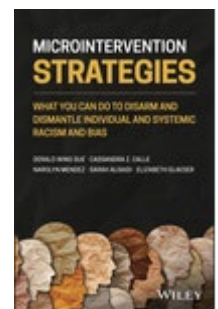
Microintervention Strategies

What You Can Do to Disarm and Dismantle Individual and Systemic Racism and Bias

DERALD WING SUE, NEW YORK

California State University--Hayward

In this new and cutting-edge book, we extend and expand the concept of microinterventions to include their role in nullifying the harmful impact of microaggressions and macroaggressions directed toward marginalized groups in our society. Although we primarily use racial bias as an example, it is important to note that women, LGBTQ individuals, people with disabilities, and other socially devalued groups in our society can also experience unfair and biased institutional policies and practices. Many of these anti-bias strategies seem equally applicable to combat sexism, heterosexism, ableism, and classism as well.



MARCH 2021 240PP
978-1-119-76996-5 PB \$39.95 (Japan)
Diversity, Culture & Ethnicity

The Wiley Blackwell Handbook of Bullying

PETER K. SMITH & JAMES O'HIGGINS NORMAN

Goldsmiths College, University of London

MARCH 2021 1200PP
978-1-118-48272-8 CL \$285.00 (Japan)
Educational & School Psychology

Forensic Psychology

3rd Edition

DAVID A. CRIGHTON & GRAHAM J. TOWL

London Metropolitan University; HM Prison Service

SERIES: BPS TEXTBOOKS IN PSYCHOLOGY

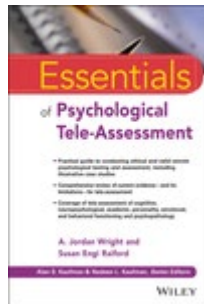
MARCH 2021 650PP
978-1-119-67354-5 PB \$51.95 (Japan)
FORENSIC PSYCHOLOGY

Essentials of Psychological Tele-Assessment

A. JORDAN WRIGHT & SUSAN ENGI RAIFORD

Columbia University, New York, NY

It has been about ten years since the original edition of *Conducting Psychological Assessment* came out, and since then it has been used consistently, especially within educational contexts, to train psychologists in the process of psychological assessment, especially related to integrating data and writing reports. The hypothesis testing model proposed in the original book has become the standard for ethical and rigorous comprehensive (multi-method) assessment. The second edition will take the foundational models from the first edition and add nuance and details that have been hammered out over the past ten years of running CE workshops based on the ideas in the book. Specifically, the author has developed well-received models of reconciling conflicting data from different sources, which can be incorporated into the data integration process chapter. Further, the author has begun to use several other models of personality functioning as a template for conceptualizing data (including the interpersonal circumplex model), which is used illustratively throughout the text.



SERIES: ESSENTIALS OF PSYCHOLOGICAL ASSESSMENT

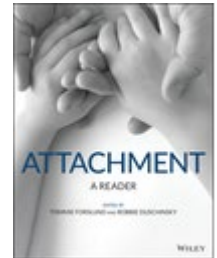
MARCH 2021 320PP
978-1-119-77188-3 PB \$57.25 (Japan)
Assessment

Attachment Theory and Research

A Reader

TOMMIE FORSLUND & ROBBIE DUSCHINSKY

There is increasing and widespread international interest in attachment theory (including policy makers, clinicians and practitioners, graduate students, as well as laypersons). Yet, major researchers as well as important theoretical and empirical contributions are often poorly read and understood, and key texts are not readily accessible together. Indeed, it has been highlighted that misconceptions of the theory are common, even among practitioners putting the theory to work, and that usage of attachment theory have sometimes reflected serious misapplications. We have reasons to believe that part of the issue lies in the fact that important texts about attachment lie in journals behind paywalls or in books that are either not readily available to clinicians and other interested readers, or are too extensive and therefore put readers off. The aim of the proposed book is therefore to provide a book that is sufficiently short and accessible -- "reader" -- which will nonetheless provide an interesting and up to date account of attachment theory and its diversity. We therefore propose an "attachment reader" containing reprints of carefully selected book chapters and journal articles, spiced with previously unpublished material by the founder of the theory.



MARCH 2021 440PP
978-1-119-65788-0 PB \$55.00 (Japan)
Abnormal Psychology

Foundations of Couples, Marriage, and Family Counseling

2nd Edition

EDITOR DAVID CAPUZZI, LAKE OSWEGO & EDITOR MARK D. STAUFFER, CORBETT

Walden University; Walden University

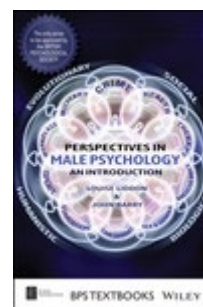
MARCH 2021 UnknownPP
978-1-119-68608-8 PB \$119.95 (Japan)
FAMILY THERAPY

Perspectives in Male Psychology

An Introduction

VOLUME EDITOR JOHN BARRY & VOLUME EDITOR LOUISE LIDDON

This book draws on reliable evidence to cast much-needed light onto some of today's most hotly contested issues regarding men and masculinity. A spectrum of topics -- including education, crime, mental health and the workplace -- are explored, and questions answered. For example:



- How much can we trust the prevailing narratives around men and masculinity?
- What role do evolution, biology and culture play in shaping men's behaviour?
- Do we tend to blame men for their health problems more than we should?
- What can be done to reduce male criminality?
- How can the standard approach to men's mental health be improved?
- What does gender equality mean for men?

All too often in recent decades a balanced perspective has been missing from the academic and media narrative around child development, education, sports and exercise, the workplace, crime, the military, mental health, health and wellbeing, masculinity and sex differences. This book -- in only 384 pages -- refocuses our understanding.

SERIES: BPS TEXTBOOKS IN PSYCHOLOGY

MARCH 2021 384PP
978-1-119-68535-7 PB \$29.95 (Japan)
Psychology

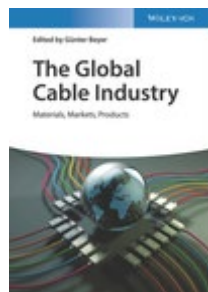
ポリマーサイエンス

The Global Cable Industry

Materials, Markets, Products

GÜNTER BEYER

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



MARCH 2021 384PP
978-3-527-34627-1 CL \$174.00 (Japan)
Polymer processing

Handbook of Plastics Testing and Failure Analysis

4th Edition

VISHU SHAH

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



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

MARCH 2021 528PP
978-1-118-71711-0 CL \$145.00 (Japan)
POLYMER PROCESSING

Sulfur-containing Polymers

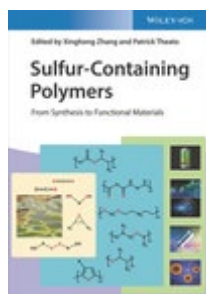
From Synthesis to Functional Materials

EDITOR XINGHONG ZHANG & EDITOR PATRICK THEATO

University of Hamburg, Germany

Presents state-of-the-art synthesis of various sulfur-containing polymers from low-cost sulfur resources, along with their diverse properties and applications.

MARCH 2021 446PP
978-3-527-34670-7 CL \$171.77 (Japan)
Polymer Synthesis

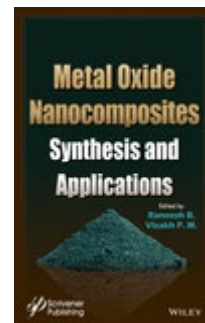


Metal Oxide Nanocomposites

Synthesis and Applications

B. RANEESH & VISAKH P. M.

Metal Oxide Nanocomposites: Synthesis and Applications summarizes many of the recent research accomplishments in the area of metal oxide-based nanocomposites. This book focussing on the following topics: Nanocomposites preparation and characterization of metal oxide nanocomposites; synthesis of core/shell metal oxide nanocomposites; multilayer thin films; sequential assembly of nanocomposite materials; semiconducting polymer metal oxide nanocomposites; graphene-based metal and metal oxide nanocomposites; carbon nanotube--metal--oxide nanocomposites; silicon mixed oxide nanocomposites; gas semiconducting sensors based on metal oxide nanocomposites; metal-organic framework nanocomposite for hydrogen production and nanocomposites application towards photovoltaic and photocatalytic.



MARCH 2021 UnknownPP
978-1-119-36357-6 CL \$225.00 (Japan)
Polymer Characterization

宗教

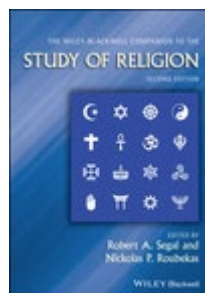
The Wiley-Blackwell Companion to the Study of Religion

2nd Edition

EDITOR ROBERT A. SEGAL & ASSOCIATE EDITOR NICKOLAS P. ROUBEKAS

University of Aberdeen

An expert yet accessible guide to the contemporary ways of studying religion across the humanities and the social sciences. No major approach to the study of religion is overlooked, and a score of the major topics in the study of religion is included. The chapters presuppose no knowledge of the subjects and can readily be used by undergraduates as well as by postgraduates and specialists. The aim is to survey the study of religion by those who teach in anthropology, sociology, psychology, and history departments, for example, and not just those who teach in religious studies or theology.



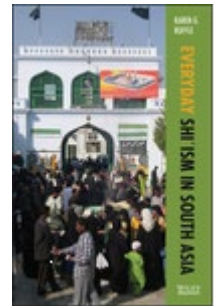
SERIES: WILEY BLACKWELL COMPANIONS TO RELIGION

MARCH 2021 576PP
978-0-470-65656-3 CL \$195.00 (Japan)
RELIGIOUS STUDIES

Everyday Shi'ism in South Asia

KAREN RUFFLE

The first textbook to focus on the history of lived Shi'ism in South Asia



Everyday Shi'ism in South Asia is an introduction to the everyday life and cultural memory of Shi'i women and men, focusing on the religious worlds of both individuals and communities at particular historical moments and places in the Indian subcontinent.

Author Karen Ruffle draws upon an array primary sources, images, and ethnographic data to present topical case studies offering broad snapshots Shi'i life as well as microscopic analyses of ritual practices, material objects, architectural and artistic forms, and more.

Focusing exclusively on South Asian Shi'ism, an area mostly ignored by contemporary scholars who focus on the Arab lands of Iran and Iraq, the author shifts readers' analytical focus from the center of Islam to its periphery. Ruffle provides new perspectives on the diverse ways that the Shi'a intersect with not only South Asian religious culture and history, but also the wider Islamic humanistic tradition. Written for an academic audience, yet accessible to general readers, this unique resource:

- Explores Shi'i religious practice and the relationship between religious normativity and everyday religious life and material culture
- Contextualizes Muharram rituals, public performances, festivals, vow-making, and material objects and practices of South Asian Shi'a
- Draws from author's studies and fieldwork throughout India and Pakistan, featuring numerous color photographs
- Places Shi'i religious symbols, cultural values, and social systems in historical context

Everyday Shi'ism in South Asia is an important resource for scholars and students in disciplines including Islamic studies, South Asian studies, religious studies, anthropology, art history, material culture studies, history, and gender studies, and for English-speaking members of South Asian Shi'i communities.

SERIES: LIVED RELIGIONS

MARCH 2021 264PP
978-1-119-35714-8 PB \$45.00 (Japan)
Islam

社会学

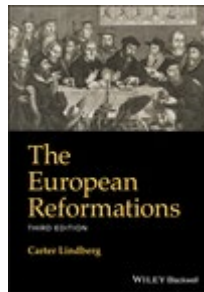
The European Reformations

3rd Edition

CARTER LINDBERG, Boston University, USA

Rediscover the Reformations in Europe with this insightful and comprehensive new edition of a long-time favorite

Amongst the authoritative works covering the European Reformation, Carter Lindberg's *The European Reformations* has stood the test of time. Widely used in classrooms around the world for over twenty-five years, the first two editions of the book were enjoyed and acclaimed by students and teachers alike.



Now, the revised and updated Third Edition of *The European Reformations* continues the author's work to sketch the various efforts to reform received expressions of faith and their social and political effects, both historical and modern. He has expanded his coverage of women in the Reformations and added a chapter on reforms in East-Central Europe.

Comprehensively covering all of Europe, *The European Reformations* provides an in-depth exploration of the Reformations' effects on a wide variety of countries. The author discusses:

- The late Middle Ages and the historical context in which the Reformations gained a foothold
- Martin Luther, the theological and pastoral responses to insecurity, and the theological implications of those responses
- The implementation of reforms in Wittenberg, Germany
- Zwingli's reform program, the Reformation in Zurich, Switzerland, and the impact of medieval sacramental theology
- The Genevan Reformation and "The Most Perfect School of Christ"

Perfect for undergraduate and graduate students in courses on Reformation studies, history, religion, and theology, this edition of *The European Reformations* also belongs on the bookshelves of theological seminary students and anyone with a keen interest in the Reformation and its ongoing impact on faith and society.

MARCH 2021 432PP
978-1-119-64081-3 PB \$45.00 (Japan)
RELIGION, ISSUES & CURRENT AFFAIRS

Du Bois

A Critical Introduction

REILAND RABAKA

READERSHIP: Students and scholars of the thought of W.E.B. Du Bois, African-American studies, sociology, political economy, postcolonial studies, critical race studies, cultural studies and more.



SERIES: KEY CONTEMPORARY THINKERS

MARCH 2021 224PP
978-1-5095-1924-8 CL \$69.95 (Japan)
978-1-5095-1925-5 PB \$24.95 (Japan)
General Sociology

Sociology

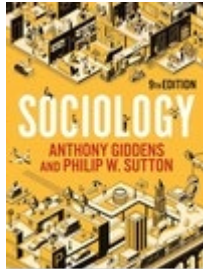
9th Edition

ANTHONY GIDDENS & PHILIP W. SUTTON

London School of Economics and Political Science; Robert Gordon University, Aberdeen

READERSHIP: undergraduate and other beginning students of sociology

MARCH 2021 1152PP
978-1-5095-3922-2 PB \$39.95 (Japan)
General Sociology



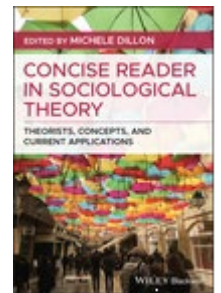
Concise Reader in Sociological Theory

Theorists, Concepts, and Current Applications

MICHELE DILLON

University of New Hampshire, USA

Essential writings from classical and contemporary sociological theorists engagingly introduced and brought to life for students



This *Concise Reader in Sociological Theory* contains excerpts from the writings of a wide range of key theorists who represent the dynamic breadth of classical and contemporary, macro- and micro-sociological theory. The selected writings elaborate on the core concepts and arguments of sociological theory, and, along with the commentary, explore topics that resonate today such as: crisis and change, institutions and networks, power and inequality, race, gender, difference, and much more.

The text contains editorial introductions to each section that clearly explain the intellectual context of the theorists and their arguments and reinforce their relevance to sociological analysis and society today. The excerpts include writings from the classicists Karl Marx, Max Weber, Emile Durkheim, W.E.B. Du Bois to the contemporary Patricia Hill Collins, Dorothy Smith, Raewyn Connell. This indispensable book:

- Offers a concise review of the diverse field of sociological theory
- Includes contributions from a wide range of noted classical and contemporary theorists
- Incorporates engaging empirical examples from contemporary society
- Demonstrates the relevance and significance of the ideas presented in the theorists' writings

Designed for undergraduate and graduate students in sociology and in social and political theory, *Concise Reader in Sociological Theory* is an engaging and accessible guide to the most relevant sociological theorists.

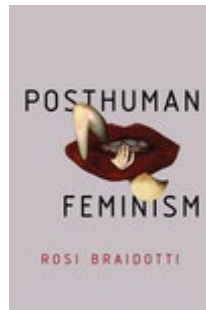
MARCH 2021 416PP
978-1-119-53618-5 PB \$44.95 (Japan)
Social Theory

Posthuman Feminism

ROSI BRAIDOTTI

READERSHIP: Students and scholars throughout the humanities and social sciences, particularly in the fields of feminist theory, gender studies, critical theory, cultural theory and continental philosophy.

MARCH 2021 120PP
978-1-5095-1807-4 CL \$45.00 (Japan)
978-1-5095-1808-1 PB \$12.95 (Japan)
Feminist Theory



A Room of One's Own

The Feminist Classic

VIRGINIA WOOLF & SERIES EDITOR TOM BUTLER-BOWDON

Oxford, UK

A Room of One's Own, is one of Virginia Woolf's most influential works and is widely recognized for its extraordinary contribution to the women's movement.

Based on a lecture given at Girton College, Cambridge, it is one of the great feminist polemics, ranging in its themes from Jane Austen and Charlotte Brontë to the silent fate of Shakespeare's gifted (imaginary) sister and the effects of poverty and sexual constraint on female creativity.

This collectible, hard-back edition of *A Room of One's Own* includes an insightful introduction by series editor and self-help expert Tom Butler-Bowdon. Tom is an authority on classic self-help texts and adroitly connects the content of this book with the concerns of modern readers.



SERIES: CAPSTONE CLASSICS

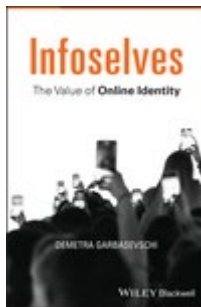
MARCH 2021 220PP
978-0-85708-882-6 CL \$12.99 (Japan)
FEMINIST THEORY

Infoselves

The Value of Online Identity

DEMETRA GARBASEVSCHI

Infoselves delivers a multifaceted analysis of the commodification of self-identity online, from both a domination and a liberation perspective. Drawing on multiple resources, the book places its discussion of online identity within the larger context of self-identity evolution, arguing for the recognition of online identity as a legitimate component of the self-identity system. Advertising executive turned academic, Demetra Garbasevschi offers readers the means to understand the way our online identities are formed and used, to reflect on the future of self-identity, and to become more aware of the radical implications of our digital footprint.



Readers will discover what it means to be an infoself in a deep digital context, from exploring the informational makeup of self-identity, to examining the various sources of identity information found online, to exposing the uses of this information through both latent and assertive self-commodification. Considering the many sources of information contributing to our identity narrative online, some beyond our direct control, managing the self is presented as one the greatest challenges of our digital present.

Perfect for graduate students in advertising, branding, and public relations, *Infoselves* also belongs on the bookshelves of those studying fields involving digital media. Working professionals in any of these areas will also benefit from this book's insightful analyses of a variety of viewpoints on online identity.

MARCH 2021 UnknownPP
978-1-119-64215-2 PB \$49.95 (Japan)
Social Identity

The Python Book

ROB MASTRODOMENICO

The Python Book looks to meet the needs of those who work with data but do not have experience of using Python. The aim of this book is to be able to teach somebody with no programming experience how to program in Python and be able to apply their skills to data analysis tasks. With Python being such a general purpose language, it is easy for any introductory text to concentrate on areas that are not useful to individuals who are really interested in data analysis. This book will be much more focused on what is important and why.

This book looks to build the readers skills up at a slower pace with the focus on understanding why you do things the way you do. The aim at the end is not just for the reader to be able to do data analysis in Python but to understand why you would use a certain approach.

MARCH 2021 400PP
978-1-119-57331-9 PB \$55.00 (Japan)
General & Introductory Statistics

Probability and Statistical Inference

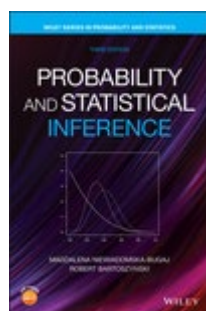
3rd Edition

ROBERT BARTOSZYNSKI & MAGDALENA
NIEWIADOMSKA-BUGAJ

The Ohio State University; West Virginia University

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

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



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

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

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

SERIES: WILEY SERIES IN PROBABILITY AND STATISTICS

MARCH 2021 592PP
978-1-119-24380-9 CL \$140.00 (Japan)
PROBABILITY & MATHEMATICAL STATISTICS

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

2nd Edition

ROBERT P. HIRSCH

The second edition of *Introduction to Biostatistical Applications in Health Research* delivers a thorough examination of the basic techniques and most commonly used statistical methods in health research. Retaining much of what was popular with the well-received first edition, the thoroughly revised second edition includes a new chapter on testing assumptions and how to evaluate whether those assumptions are satisfied and what to do if they are not.



The newest edition contains brand-new code examples for using the popular computer language R to perform the statistical analyses described in the chapters within. You'll learn how to use Excel to generate datasets for R, which can then be used to conduct statistical calculations on your data.

The book also includes a companion website with a new version of BAHAR add-in programs for Excel. This new version contains new programs for nonparametric analyses, Student-Newman-Keuls tests, and stratified analyses. Readers will also benefit from coverage of topics like:

Perfect for health researchers of all kinds, *Introduction to Biostatistical Applications in Health Research* also belongs on the bookshelves of anyone who wishes to better understand health research literature. Even those without a great deal of mathematical background will benefit greatly from this text.

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

Statistical Issues in Drug Development

3rd Edition

STEPHEN S. SENN

University College, London

This will be the third edition of *Statistical Issues in Drug Development*, and will be fully revised and updated to include information on the latest industry standards and guidelines. Both the first (1997) and second (2007) editions were very well received and the book has become a standard.

This book is unique in providing a thorough and critical discussion of the most important and controversial issues encountered by statisticians and their life scientist colleagues on both sides of the regulatory divide in drug development. The primary purpose of the book is to encourage and facilitate discussion between statisticians and their colleagues of the many complex statistical issues that arise in drug development. The book will be suitable as a course of self-instruction for statisticians who are new to the pharmaceutical industry, either because of recent graduation or change of career. It will also act as an authoritative reference for those working in drug development, and provide possible topics for discussion in journal forums.

SERIES: STATISTICS IN PRACTICE

MARCH 2021 624PP
978-1-119-23857-7 CL \$120.00 (Japan)
BIOSTATISTICS

Introduction to Linear Regression Analysis

6th Edition

DOUGLAS C. MONTGOMERY, UNITED STATES, ELIZABETH A. PECK & G. GEOFFREY VINING

Georgia Institute of Technology; The Coca-Cola Company; Virginia Polytechnic and State University

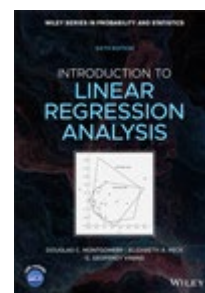
A comprehensive and current introduction to the fundamentals of regression analysis

Introduction to Linear Regression Analysis, 6th Edition is the most comprehensive, fulsome, and current examination of the foundations of linear regression analysis. Fully updated in this new sixth edition, the distinguished authors have included new material on generalized regression techniques and new examples to help the reader understand retain the concepts taught in the book.

The new edition focuses on four key areas of improvement over the fifth edition:

- New exercises and data sets
- New material on generalized regression techniques
- The inclusion of JMP software in key areas
- Carefully condensing the text where possible

Introduction to Linear Regression Analysis skillfully blends theory and application in both the conventional and less common uses of regression analysis in today's cutting-edge scientific research. The text equips readers to understand the basic principles needed to apply regression model-building techniques in various fields of study, including engineering, management, and the health sciences.



SERIES: WILEY SERIES IN PROBABILITY AND STATISTICS

MARCH 2021 784PP
978-1-119-57872-7 CL \$150.00 (Japan)
REGRESSION ANALYSIS

Analysis of Big Dependent Data

DANIEL PEÑA & RUEY S. TSAY

University of Chicago, IL, USA

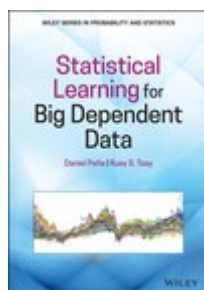
Master advanced topics in the analysis of large, dynamically dependent datasets with this insightful resource

Statistical Learning with Big Dependent Data delivers a comprehensive presentation of the statistical and machine learning methods useful for analyzing and forecasting large and dynamically dependent data sets. The book presents automatic procedures for modelling and forecasting large sets of time series data. Beginning with some visualization tools, the book discusses procedures and methods for finding outliers, clusters, and other types of heterogeneity in big dependent data. It then introduces various dimension reduction methods, including regularization and factor models such as regularized Lasso in the presence of dynamical dependence and dynamic factor models. The book also covers other forecasting procedures, including index models, partial least squares, boosting, and now-casting. It further presents machine-learning methods, including neural network, deep learning, classification and regression trees and random forests. Finally, procedures for modelling and forecasting spatio-temporal dependent data are also presented. Throughout the book, the advantages and disadvantages of the methods discussed are given. The book uses real-world examples to demonstrate applications, including use of many R packages. Finally, an R package associated with the book is available to assist readers in reproducing the analyses of examples and to facilitate real applications.

Perfect for PhD students and researchers in business, economics, engineering, and science: *Statistical Learning with Big Dependent Data* also belongs to the bookshelves of practitioners in these fields who hope to improve their understanding of statistical and machine learning methods for analyzing and forecasting big dependent data.

SERIES: WILEY SERIES IN PROBABILITY AND STATISTICS

MARCH 2021 UnknownPP
978-1-119-41738-5 CL \$140.00 (Japan)
Data Analysis



Big Data

Concepts, Technology, and Architecture

BALAMURUGAN BALUSAMY, NANDHINI ABIRAMI R & AMIR H. GANDOMI

This book offers comprehensive coverage of Big Data tools, terminologies and technologies for researchers, business professionals and graduates. This book begins with an overview of what Big Data is and emphasizes all the key concepts of big data end to end. Big Data concepts, technologies, terminologies and storing, processing and analysis techniques and much more

-- are all logically organized and reinforced by diagrams and case studies. This book refines readers' understanding of Big Data with in-depth analysis of key concepts. The case studies provided in this book give insight on key concepts. The initial chapters of the book shed light on various characteristics of Big Data that distinguish it from traditional Database Management systems. Big Data Analytics are covered in detail in a separate chapter. Hadoop, the heart of Big Data is handled in the Big Data processing chapter and a deep understanding of its concepts is provided.

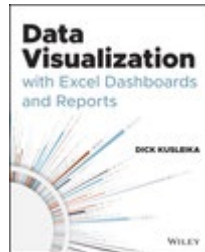


MARCH 2021 384PP
978-1-119-70182-8 CL \$135.00 (Japan)
Data Analysis

Data Visualization with Excel Dashboards and Reports

DICK KUSLEIKA

Large corporations like IBM and Oracle are using Excel dashboards and reports as a Business Intelligence tool, and many other smaller businesses are looking to these tools in order to cut costs for budgetary reasons. An effective analyst not only has to have the technical skills to use Excel in a productive manner but must be able to synthesize data into a story, and then present that story in the most impactful way. Microsoft shows its recognition of this with Excel. In Excel, there is a major focus on business intelligence and visualization. *Data Visualization with Excel Dashboards and Reports* fills the gap between handling data and synthesizing data into meaningful reports. This title will show readers how to think about their data in ways other than columns and rows.



Most Excel books do a nice job discussing the individual functions and tools that can be used to create an "Excel Report". Titles on Excel charts, Excel pivot tables, and other books that focus on "Tips and Tricks" are useful in their own right; however they don't hit the mark for most data analysts. The primary reason these titles miss the mark is they are too focused on the mechanical aspects of building a chart, creating a pivot table, or other functionality. They don't offer these topics in the broader picture by showing how to present and report data in the most effective way.

What are the most meaningful ways to show trending? How do you show relationships in data? When is showing variances more valuable than showing actual data values? How do you deal with outliers? How do you bucket data in the most meaningful way? How do you show impossible amounts of data without inundating your audience? In *Data Visualization with Excel Reports and Dashboards*, readers will get answers to all of these questions. Part technical manual, part analytical guidebook; this title will help Excel users go from reporting data with simple tables full of dull numbers, to creating hi-impact reports and dashboards that will wow management both visually and substantively. This book offers a comprehensive review of a wide array of technical and analytical concepts that will help users create meaningful reports and dashboards.

MARCH 2021 UnknownPP
978-1-119-69872-2 PB \$39.99 (Japan)
Data Analysis

Advances in Longitudinal Survey Methodology

PETER LYNN

Institute for Social and Economic Research, University of Essex, UK

This book provides a comprehensive overview of the many advances that have been made in the field of longitudinal survey methodology over the past twelve years, as well as slightly extending the topic coverage of the earlier volume, "Methodology of Longitudinal Surveys." As such, it describes the state of the art in designing, implementing, and analysing longitudinal surveys.

The greatly expanded enthusiasm for longitudinal surveys has brought with it a thirst for knowledge about the best ways to design and implement such surveys. Considerable advances in knowledge have been made in recent years in areas that are covered in this book that encompasses all stages of the design and implementation of longitudinal surveys.

Topics include:

- Dynamic sampling for the representation of dynamic populations;
- Methods for tracking mobile sample members over time;
- Methods for maintaining co-operation over time;
- Targeted design features for response maximisation;
- The use of longitudinal survey paradata for field management;
- Advances in dependent interviewing techniques;

This book is an invaluable resource providing deeper insight into longitudinal surveys.

SERIES: WILEY SERIES IN PROBABILITY AND STATISTICS

MARCH 2021 624PP
978-1-119-37693-4 CL \$90.00 (Japan)
Survey Research Methods & Sampling

IBM SPSS Essentials

Managing and Analyzing Social Sciences Data

2nd Edition

JOHN T. KULAS, St. Cloud University

Master the fundamentals of SPSS with this newly updated and instructive resource

The newly and thoroughly revised Second Edition of *SPSS Essentials* delivers a comprehensive guide for students in the social sciences who wish to learn how to use the Statistical Package for the Social Sciences (SPSS) for the effective collection, management, and analysis of data. The accomplished researchers and authors provide readers with the practical nuts and bolts of SPSS usage and data entry, with a particular emphasis on managing and manipulating data.



The book offers an introduction to SPSS, how to navigate it, and a discussion of how to understand the data the reader is working with. It also covers inferential statistics, including topics like hypothesis testing, one-sample Z-testing, T-testing, ANOVAs, correlations, and regression. Five unique appendices round out the text, providing readers with discussions of dealing with real-world data, troubleshooting, advanced data manipulations, and new workbook activities.

Perfect for undergraduate students of the social sciences who are just getting started with SPSS, *SPSS Essentials* also belongs on the bookshelves of advanced placement high school students and practitioners in social science who want to brush up on the fundamentals of this powerful and flexible software package.

MARCH 2021 304PP
978-1-119-41742-2 PB \$75.00 (Japan)
Statistical Software / SPSS

Business Experiments with R

B. D. MCCULLOUGH

This book is a guide on experiment designs for business students. It is aimed at an underserved market in business statistics textbooks - a book for the "second course" which addresses issues like small samples, lack of normality, and data confounding. The authors focus on the A/B tests (and their variants) that are widely used in industry, but not typically covered in business statistics or data science textbooks.



The book is organized so that it can be used both with general business students, such as MBA or executive education students, and with the growing number of master's programs in Business Analytics and Marketing Analytics. Part I provides students with the tools they need to design and analyze two-treatment experiments (i.e., A/B tests) to answer business questions, focusing on the strategic and technical issues involved in designing experiments that will truly affect organizations. Part II builds on the foundation in Part I, expanding the multivariable testing.

MARCH 2021 384PP
978-1-119-68970-6 CL \$130.00 (Japan)
Data Mining Statistics

テストプレップ

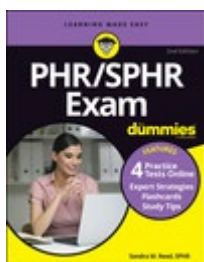
PHR/SPHR Exam For Dummies with Online Practice

2nd Edition

SANDRA M. REED, OAKDALE, UNITED STATES

PHR/SPHR Exam For Dummies empowers readers by providing them with a solid overview of the test and how it's presented. The book includes deep content review paired with dissections of dozens of related sample questions -- and strategies for tackling them. With ample content review, plenty of practice, and additional content online, readers can approach exam day with confidence and earn the certification they need to further their career. The product includes:

- Two sample tests in the book (one PHR, one SPHR) with detailed answers and explanations
- Two additional practice tests online -- one of each
- Subject reviews for all test topics
- Sample practice questions with detailed walk-throughs

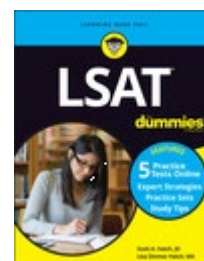
**LSAT For Dummies**

Book + 5 Practice Tests Online, 3rd Edition

SCOTT A. HATCH & LISA ZIMMER HATCH

LSAT For Dummies prepares readers for the exam by giving them proven test-taking strategies, detailed content review, and plenty of practice questions. Features of this edition include:

- * 3 full-length practice tests -- two in the book plus a bonus exam online
- * Review of foundational concepts for every section
- * Complete explanations and additional practice questions for all question types
- * 1-year access to an online test bank for self-directed practice



MARCH 2021 UnknownPP
978-1-119-71627-3 PB \$34.99 (Japan)
GMAT, LSAT PREP

Updates for this edition:

- Content review and test questions updated to align with current exam content outlines published by HRCI
- Updated scoring information
- Flashcards added to the test bank to reflect the HRCI's updated Glossary of Terms

MARCH 2021 368PP
978-1-119-72489-6 PB \$29.99 (Japan)
TEST PREP GENERAL

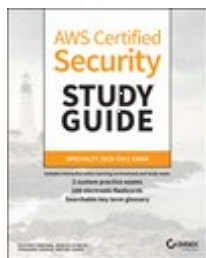
AWS Certified Security Study Guide

Specialty (SCS-C01) Exam

MARCELLO ZILLO NETO, GUSTAVO A. A. SANTANA,
FERNANDO SAPATA, MAURICIO MUNOZ, ALEXANDRE M. S. P.
MORAES, THIAGO MORAIS & DARIO LUCAS GOLDFARB

Get prepared for the AWS Certified Security Specialty certification with this excellent resource

By earning the AWS Certified Security Specialty certification, IT professionals can gain valuable recognition as cloud security experts. The *AWS Certified Security Study Guide: Specialty (SCS-C01) Exam* helps cloud security practitioners prepare for success on the certification exam. It's also an excellent reference for professionals, covering security best practices and the implementation of security features for clients or employers. Architects and engineers with knowledge of cloud computing architectures will find significant value in this book, which offers guidance on primary security threats and defense principles. Amazon Web Services security controls and tools are explained through real-world scenarios. These examples demonstrate how professionals can design, build, and operate secure cloud environments that run modern applications.



The study guide serves as a primary source for those who are ready to apply their skills and seek certification. It addresses how cybersecurity can be improved using the AWS cloud and its native security services. Readers will benefit from detailed coverage of AWS Certified Security Specialty Exam topics.

- Covers all AWS Certified Security Specialty exam topics
- Explains AWS cybersecurity techniques and incident response
- Covers logging and monitoring using the Amazon cloud
- Examines infrastructure security
- Describes access management and data protection

With a single study resource, you can learn how to enhance security through the automation, troubleshooting, and development integration capabilities available with cloud computing. You will also discover services and tools to develop security plans that work in sync with cloud adoption.

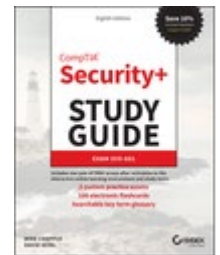
MARCH 2021 UnknownPP
978-1-119-65881-8 PB \$60.00 (Japan)
Certification (MSCE, Novell, etc.)

CompTIA Security+ Study Guide

Exam SY0-601, 8th Edition

MIKE CHAPPLE & DAVID SEIDL
University of Notre Dame

Learn the key objectives and most crucial concepts covered by the Security+ Exam SY0-601 with this comprehensive and practical study guide



The Eighth Edition of the CompTIA Security+ Study Guide Exam SY0-601 efficiently and comprehensively prepares you for the SY0-601 Exam. Accomplished authors and security experts Mike Chapple and David Seidl walk you through the fundamentals of crucial security topics, including the five domains covered by the SY0-601 Exam:

- Attacks, Threats, and Vulnerabilities
- Architecture and Design
- Implementation
- Operations and Incident Response
- Governance, Risk, and Compliance

The study guide comes with the Sybex online, interactive learning environment that includes a pre-assessment test, hundreds of review questions, practice exams, flashcards, and a glossary of key terms. The book is written in a practical and straightforward manner, ensuring you can easily learn and retain the material.

Perfect for everyone planning to take the SY0-601 Exam--as well as those who hope to secure a high-level certification like the CASP+, CISSP, or CISA--the study guide also belongs on the bookshelves of everyone who has ever wondered if the field of IT security is right for them. It's a must-have reference!

MARCH 2021 UnknownPP
978-1-119-73625-7 PB \$50.00 (Japan)
CERTIFICATION (MSCE, NOVELL, ETC.)

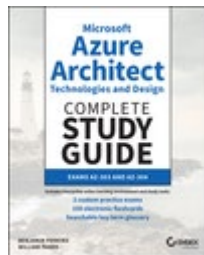
Microsoft Azure Architect Technologies and Design Complete Study Guide

Exams AZ-303 and AZ-304

BENJAMIN PERKINS & WILLIAM PANEK

Become a proficient Microsoft Azure solutions architect

Azure certifications are critical to the millions of IT professionals Microsoft has certified as MCSE and MCSA in Windows Server in the last 20 years. All of these professionals need to certify in key Azure exams to stay current and advance in their careers. Exams AZ-303 and AZ-304 are the key solutions architect exams that experienced Windows professionals will find most useful at the intermediate and advanced points of their careers.



Microsoft Azure Architect Technologies and Design Complete Study Guide Exams AZ-303 and AZ-304 covers the two critical Microsoft Azure exams that intermediate and advanced Microsoft IT professionals will need to show proficiency as their organizations move to the Azure cloud.

- * Understand Azure
- * Set up your Microsoft Cloud network
- * Solve real-world problems
- * Get the confidence to pass the exam

By learning all of these things plus using the Study Guide review questions and practice exams, the reader will be ready to take the exam and perform the job with confidence.

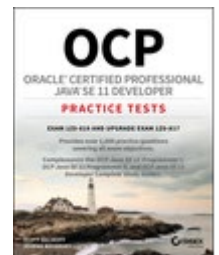
MARCH 2021 768PP
978-1-119-55953-5 PB \$80.00 (Japan)
Certification (MSCE, Novell, etc.)

OCP Oracle Certified Professional Java SE 11 Developer Practice Tests

Exam 1Z0-819 and Upgrade Exam 1Z0-817

SCOTT SELIKOFF & JEANNE BOYARSKY

NOTE: The OCP Java SE 11 Programmer I Exam 1Z0-815 and Programmer II Exam 1Z0-816 have been retired (as of October 1, 2020), and Oracle has released a new Developer Exam 1Z0-819 to replace the previous exams. The Upgrade Exam 1Z0-817 remains the same.



Improve your preparation for the OCP Java SE 11 Developer exam with these comprehensive practice tests

OCP Oracle Certified Professional Java SE 11 Developer Practice Tests: Exam 1Z0-819 and Upgrade Exam 1Z0-817 offers readers over 1000 practice questions to help them hone their skills for the challenging 1Z0-819 exam as well as the 1Z0-817 upgrade exam.

Covering all the objective domains that help readers master the crucial subject areas covered by the exam, *OCP Oracle Certified Professional Java SE 11 Developer Practice Tests* provides domain-by-domain questions as well as additional bonus practice exams to further solidify the reader's mastery of its subjects.

Perfect for anyone studying for the OCP Java SE 11 Developer and Upgrade exams, as well as all those who wish to brush up on their Java programming skills, *OCP Oracle Certified Professional Java SE 11 Developer Practice Tests: Exam 1Z0-819 and Upgrade Exam 1Z0-817* is an indispensable resource that has a place on the bookshelf of every Java enthusiast, professional, and student.

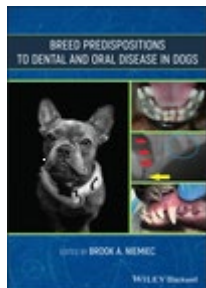
MARCH 2021 576PP
978-1-119-69613-1 PB \$40.00 (Japan)
CERTIFICATION (MSCE, NOVELL, ETC.)

獣医学

Breed Predispositions to Dental and Oral Disease in Dogs

EDITOR BROOK NIEMIEC

Breed Predispositions to Dental and Oral Disease in Dogs offers a practical guide to breed predispositions to dental disease. Designed to support veterinarians in making clinical decisions and communicating with clients, the book provides a thorough understanding of the differences between large and small dogs as they relate to dental treatment. Including both information on dental therapy and anesthetizing dogs for dental procedures, the book is a useful patient-side reference for veterinary practices.



The book includes specifics on small and toy breed dogs, small breed brachycephalic dogs, and brachycephalic dogs, with details of clinical conditions more likely to be faced in specific breeds. Clinical photographs demonstrate the concepts discussed. *Breed Predispositions to Dental and Oral Disease in Dogs* is a useful resource for any clinician dealing with oral disease in dogs.

- Presents practical guidance on the particular considerations in treating dental disease in dogs
- Supports veterinarians in making decisions for dental therapy and communicating with clients
- Offers an understanding of breed predispositions to dental disease
- Dispels myths about the dangers of anesthetizing brachycephalic breeds and provides balanced information on anesthesia
- Includes high-quality clinical photographs demonstrating the principles discussed

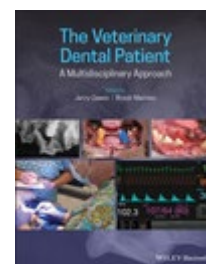
MARCH 2021 UnknownPP
978-1-119-55211-6 CL \$99.99 (Japan)
Veterinary Dentistry

The Veterinary Dental Patient: A Multidisciplinary Approach

JERZY GAWOR & BROOK NIEMIEC

American Veterinary Dental College, California

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



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

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

MARCH 2021 400PP
978-1-118-97473-5 CL \$100.00 (Japan)
Veterinary Dentistry

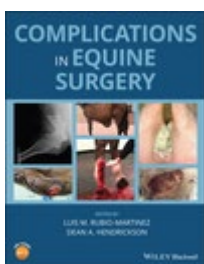
Complications in Equine Surgery

LUIS M. RUBIO-MARTINEZ & DEAN A. HENDRICKSON

Colorado State University

A groundbreaking reference on complications associated with equine surgical procedures

Complications in Equine Surgery is the first reference to focus exclusively on understanding, preventing, recognizing, managing, and prognosing, technical and post-procedural complications in equine surgery. Edited by two noted experts on the topic, the book presents evidence-based information using a clear approach, organized by body system. Featuring color images, the book contains detailed coverage of the gastrointestinal, respiratory, musculoskeletal, urogenital, and neurological systems.



Each chapter contains a short introduction of the procedure with explanations of when and how the procedure is to be performed. All chapters review how to recognize and prevent technical complications and explain how to manage post-operative complications. This important text:

- Offers the first resource specifically focused on complications encountered in equine surgery
- Takes a helpful format organized by body system
- Provides consistently formatted chapters for ease of use
- Covers clinically relevant information for dealing with technical and post-operative complications
- Presents more than 350 color images to illustrate the concepts described

Written for general practitioners and specialists, *Complications in Equine Surgery* is an essential resource to decreasing morbidity and mortality and increasing surgical success in horses.

MARCH 2021 UnknownPP
978-1-119-19007-3 CL \$199.99 (Japan)
Veterinary Surgery, Orthopedics & Trauma

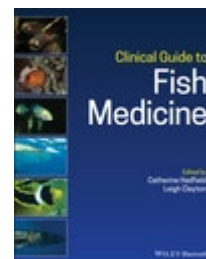
Clinical Guide to Fish Medicine

EDITOR CATHERINE HADFIELD & EDITOR LEIGH CLAYTON

National Aquarium, Baltimore, Maryland, USA; National Aquarium, Baltimore, Maryland, USA

A concise clinical guide to veterinary medicine of fish

Designed as a practical resource, *Clinical Guide to Fish Medicine* provides an evidence-based approach to the veterinary care of fish. This guide—written and edited by experts in the field—contains essential information on husbandry, diagnostics, and case management of bony and cartilaginous fish.



This important resource:

- Provides clinically relevant information on topics such as anatomy, water quality, life-support systems, nutrition, behavioral training, clinical examination, clinical pathology, diagnostic imaging, necropsy techniques, anesthesia and analgesia, surgery, medical treatment, and transport
- Describes common presenting problems of fish, including possible differentials and practical approaches
- Reviews key information on non-infectious and infectious diseases of fish in a concise format that is easily accessible in a clinical setting

Written for veterinarians, biologists, technicians, specialists, and students, *Clinical Guide to Fish Medicine* offers a comprehensive review of veterinary medicine of fish.

MARCH 2021 UnknownPP
978-1-119-25955-8 CL \$124.99 (Japan)
Veterinary Medicine / Fish

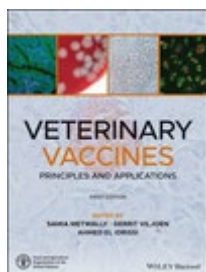
Veterinary Vaccines

Principles and Applications

EDITOR SAMIA METWALLY, EDITOR GERRIT VILJOEN & EDITOR AHMED EL IDRISSI

Provides a concise and authoritative reference on the use of vaccines against diseases of livestock

Compiled by Senior Animal Health Officers at The Food and Agriculture Organization of the United Nations, and with contributions from international leading experts, *Veterinary Vaccines: Principles and Applications* is a concise and authoritative reference featuring easily readable reviews of the latest research in vaccinology and vaccine immune response to pathogens of major economic impact to livestock.



It covers advice and recommendations for vaccine production, quality control, and effective vaccination schemes including vaccine selection, specifications, vaccination programs, vaccine handling in the field, application, failures, and assessment of herd protection. In addition, the book presents discussions on the current status and potential future developments of vaccines and vaccination against selected transboundary animal diseases.

- Provides a clear and comprehensive guide on using veterinary vaccines to protect livestock from diseases
- Teaches the principles of vaccinology and vaccine immune response
- Highlights the vaccine production schemes and standards for quality control testing
- Offers easy-to-read reviews of the most current research on the subject
- Gives readers advice and recommendations on which vaccination schemes are most effective
- Discusses the today's state of vaccines and vaccination against selected transboundary animal diseases as well as possible future developments in the field

Veterinary Vaccines: Principles and Applications is an important resource for veterinary practitioners, animal health department officials, vaccine scientists, and veterinary students. It will also be of interest to professional associations and NGO active in livestock industry.

MARCH 2021 350PP
978-1-119-50595-2 CL \$190.00 (Japan)
Veterinary Medicine - Farm Animals

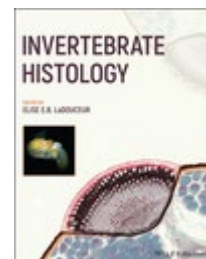
Invertebrate Histology

EDITOR ELISE E. B. LADOUCEUR

Department of Defense, Silver Spring, Maryland, USA

The first comprehensive reference to invertebrate histology

Invertebrate Histology is a groundbreaking text that offers a comprehensive review of histology in invertebrates. Designed for use by anyone studying, diagnosing, or researching invertebrates, the book covers all major taxonomic groups with details of the histologic features, with color photographs and drawings that clearly demonstrate gross anatomy and histology. The authors, who are each experts in the histology of their respective taxa, bring together the most recent information on the topic into a single, complete volume.



An accessible resource, each chapter focuses on a single taxonomic group with salient gross and histologic features that are clearly described in the text and augmented with color photographs and greyscale line drawings. The histologic images are from mostly hematoxylin and eosin stained microscopic slides showing various organ systems at high and low magnification. In addition, each chapter provides helpful tips for invertebrate dissection and information on how to process invertebrates for histology. This important book:

- Presents detailed information on histology of all major groups of invertebrates
- Offers a user-friendly text that is organized by taxonomic group for easy reference
- Features high-quality color photographs and drawings, with slides showing histology and gross photographs to demonstrate anatomy
- Provides details on invertebrate dissection and processing invertebrates for histology

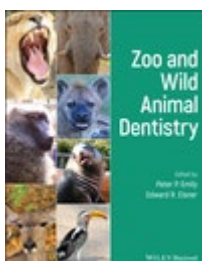
Written for veterinary pathologists, biologists, zoologists, students, and other scientists studying these species, *Invertebrate Histology* offers the most updated information on the topic written by over 20 experts in the field.

MARCH 2021 336PP
978-1-119-50765-9 CL \$224.99 (Japan)
Veterinary Medicine - Zoo & Wildlife

Zoo and Wild Animal Dentistry

EDITOR PETER P. EMILY & EDITOR EDWARD R. EISNER

Zoo and Wild Animal Dentistry is the first book to offer a comprehensive reference to oral pathology and dental therapy in captive and wild exotic animals. Comprehensive in scope, the book is authored by noted experts on the topic who cover dental care for a broad range of species with an emphasis on oral health. Designed as a practical resource for treating exotic animals, the book is filled with instructive photographs and illustrations that clearly depict pathologies and demonstrate techniques.



The book draws on the editors' and contributors' years of experience with exotic animals to offer a reliable resource to the history of veterinary dentistry, information on the evolution of teeth, practical dental therapeutics, and oral descriptions for each of the more than three hundred species included in the book. *Zoo and Wild Animal Dentistry* covers a wide range of zoo and wild species, including cats, bears, primates, dogs, raccoons, weasels, hyenas, marsupials, herbivores, edentates, sea mammals, birds, reptiles, and more. This important resource:

- Offers a comprehensive reference to oral pathology and dental therapy in captive and wild animals
- Highlights oral health to promote overall health
- Includes information on the most recent advances in the field
- Contains a groundbreaking resource for the dental care of exotic animals

Written for zoo and wildlife caretakers and veterinarians, veterinary dentists, veterinary technicians, and veterinary students, *Zoo and Wild Animal Dentistry* is a practical resource that has information for the dental care of a wide range of animal species that are all too often neglected.

MARCH 2021 UnknownPP
978-1-119-54581-1 CL \$249.99
Veterinary Medicine - Zoo & Wildlife

Author Index

Pe&ntilde	120
Abbasov, I. , Recognition and Perception of Images	95
Adorno, T. , Correspondence, 1939 - 1969	105
Ahearn, L. , Living Language	13
Aldridge, I. , Big Data Science in Finance	70
Aroyo, M. , International Tables for Crystallography, 6th Edition, Teaching Edition Crystallographic Symmetry	28
Bagla, K. , Go Legal Yourself!	20
Bahret, A. , Reliability Culture	56
Balusamy, B. , Big Data	120
Barnes, C. , The Encyclopedia of Research Methods in Criminology and Criminal Justice	79
Barry, J. , Perspectives in Male Psychology	110
Bartoszynski, R. , Probability and Statistical Inference	118
Bauer, P. , Adobe Photoshop CC For Dummies	37
Benton, B. , Mastering AutoCAD 2021 and AutoCAD LT 2021	38
Beyer, G. , The Global Cable Industry	111
Blum, R. , Linux Command Line and Shell Scripting Bible	39
Boaler, J. , Mindset Mathematics: Visualizing and Investigating Big Ideas, Grade	52
Botan, C. , The Handbook of Strategic Communication	41
Bowers, D. , Understanding Clinical Papers	87
Boyle, M. , Human Geography	73
Braidotti, R. , Posthuman Feminism	116
Brown, A. , Better Births	99
Bruton, T. , Photovoltaics from Milliwatts to Gigawatts	62
Bucci, S. , Credit Repair Kit For Dummies	69
Bucki, L. , Microsoft 365 Portable Genius	37
Cady, F. , Data Science	16
Cao, I. , Wafer Manufacturing: Shaping of Single Crystal Silicon Wafers	97
Capuzzi, D. , Foundations of Couples, Marriage, and Family Counseling	110
Carnie, A. , Syntax	80
Carnie, A. , The Syntax Workbook	80
Cascino, G. , Epilepsy	91
CCPS (Center for Chemical Process Safety) , Guidelines for Process Safety During the Transient Operating Mode	24
Chahat, N. , CubeSat Antenna Design	53
Chapman, A. , Basic Guide to Oral Health Education and Promotion	51
Chapple, M. , CompTIA Security+ Study Guide	124
Chatterjee, S. , Applied Risk Analysis for Guiding Homeland Security Policy and Decisions	18
Chaubey, M. , Wastewater Treatment Technologies	22
Chin, W. , Well Logging	61
Cox, J. , Weather For Dummies	65
Crichton, D. , Forensic Psychology	108
Crocombe, R. , Portable Spectroscopy and Spectrometry 1	27
Cross, N. , Engineering Design Methods	93
Cruz-Jentoft, A. , Sarcopenia	90
Curtis, P. , Maintaining Mission Critical Systems in a 24/7 Environment	63
Das, J. , Arc Flash Hazard Analysis and Mitigation	59
Dave, V. , Nanopharmaceutical Advanced Delivery Systems	58
Davies, T. , Geomorphology and Natural Hazards	66
Delgado, M. , A Companion to Latin American Cinema	48
Dillon, M. , Concise Reader in Sociological Theory	115
Donati, S. , Photodetectors	102
Doxey, C. , The Controller's Toolkit	11
Dunn, I. , Biological Reaction Engineering	26
El-Hawary, M. , Advances in Electric Power and Energy	62
Elliott, C. , Anxiety For Dummies	76

Elsayed, E. , Reliability Engineering	56
Emily, P. , Zoo and Wild Animal Dentistry	129
Ernst, R. , Large Igneous Provinces	66
Eslamian, S. , Handbook of Water Harvesting and Conservation.....	67
Evans, P. , Organic Reactions.....	33
Sch&auml;l	25
Fischer, J. , Successful Drug Discovery.....	31
Fowler, J. , Practical Statistics for Nursing and Health Care	99
Frohs, W. , Industrial Carbon and Graphite Materials.....	28
Fuchs, E. , Introduction to Energy, Renewable Energy and Electrical Engineering.....	60
Gandhi, P. , Internet of Things in Business Transformation	45
Garbasevski, D. , Infoselves	117
Garcia Bedolla, L. , Latino Politics.....	106
Gawor, J. , The Veterinary Dental Patient: A Multidisciplinary Approach.....	126
Giddens, A. , Sociology	115
Gormley, S. , Investing in Cannabis For Dummies	71
Graf, P. , Handbook on the State of the Art in Applied Psychology.....	107
Gray, G. , A Practical Approach to Operative Dentistry.....	49
Green, A. , The Gone Fishin' Portfolio	70
Gregoire, M. , Professional C++	43
Gullo, L. , Design for Maintainability	55
Gupta, D. , Fog, Edge, and Pervasive Computing in Intelligent IoT Driven Applications	47
Gupta, N. , Smart Sustainable Intelligent Systems	46
Guttenplan, S. , Reading Philosophy	103
Hadfield, C. , Clinical Guide to Fish Medicine	127
Harinath, S. , Reports, Dashboards and Apps Using Microsoft Power Platform	44
Hastings, C. , Handbook of Pediatric Hematology and Oncology.....	90
Herman, J. , Instagram For Business For Dummies	20
Himeda, Y. , CO ₂ Hydrogenation Catalysis.....	29
Hirsch, R. , Introduction to Biostatistical Applications in Health Research with Microsoft Office Excel and R	118
Holland, K. , Writing for Publication in Nursing and Healthcare	100
Horvat, S. , After the Apocalypse	103
Huber, S. , Halogen Bonding in Solution.....	30
Hunter, M. , Fundamentals of Conservation Biology	81
Iqbal, A. , Electrical Machine Fundamentals with Numerical Simulation using MATLAB / SIMULINK	59
J.K. Lasser Institute , J.K. Lasser's Your Income Tax	69
Jackson, T. , Post Growth.....	64
Jarrett, S. , Music Composition For Dummies	79
Jerath, S. , Structural Stability Theory and Practice.....	23
Katz, E. , DNA- and RNA-Based Computing Systems	36
Kelly, P. , Kelly Vana's Nursing Leadership and Management.....	100
Kenning, D. , How to Make Change with Transition Engineering.....	78
Kotler, P. , Marketing 5.0.....	19
Koubaa, M. , Fermentation Processes: Emerging and Conventional Technologies	81
Kouzes, J. , Everyday People, Extraordinary Leadership	18
Kulas, J. , IBM SPSS Essentials.....	122
Kumar, A. , Swarm Intelligence Optimization	46
Kurdila, A. , Vibrations of Linear Piezostructures.....	94
Kusleika, D. , Data Visualization with Excel Dashboards and Reports.....	121
LaDouceur, E. , Invertebrate Histology.....	128
LaFollette, H. , The International Encyclopedia of Ethics	104
Lemery, J. , Global Climate Change and Human Health	76
Leonhard, W. , Windows 10 All-in-One For Dummies.....	39
Li, J. , Dynamics and Control of Interplanetary Flight	95
Liem, L. , Low-Rank Coal Applications in Agriculture.....	12
Lill, T. , Atomic Layer Processing.....	96
Lindberg, C. , The European Reformations.....	114

Littlejohn, C., This Is Epistemology	105
Lozano Zafra, J., Aligner Techniques in Orthodontics	51
Nöl	27
Luquis, R., Cultural Competence in Health Education and Health Promotion	75
Lynn, P., Advances in Longitudinal Survey Methodology	121
Macip, S., Modern Epidemics	75
Maiti , D., Remote C-H Bond Functionalizations	34
Malamos, D., Clinical Guide to Oral Diseases	50
Malone, T., Coastal Ecosystems in Transition	67
Mastrodomenico , R., The Python Book.....	117
McCullough, B., Business Experiments with R.....	122
McCullough, J., Transfusion Medicine Paper	91
McElhaney, J., A Companion to Fritz Lang.....	48
McFedries, P., iPad Portable Genius.....	40
McLaughlin, B., Programming Kotlin Applications	42
Metwally, S., Veterinary Vaccines	128
Montgomery, D., Introduction to Linear Regression Analysis.....	119
Morris, N., A Companion to Steven Spielberg	49
Morsali, A., Functional Metal-Organic Frameworks.....	34
Moschovitis, C., Privacy, Regulations, and Cybersecurity	16
Mueller, J., C++ All-in-One For Dummies.....	43
Muldowney, P., Gauge Integral Structures for Stochastic Calculus and Quantum Electrodynamics.....	86
Muller, S., Ribozymes	36
Nanda, J., Transition Metal Oxides for Electrochemical Energy Storage.....	96
Neto, M., AWS Certified Security Study Guide	124
Neuberger, J., Liver Transplantation	89
Rubio-Martí	127
Niemiec, B., Breed Predispositions to Dental and Oral Disease in Dogs	126
Cesar Leã	73
O'Neil, M., The Handbook of Peer Production	40
Ortolani, C., Flow Cytometry of Hematological Malignancies.....	91
Osol, G., Physiology of Human Reproduction.....	87
Ozenc, K., Rituals for Virtual Meetings	17
P. M., V., Nanostructured Multiferroics	97
Page, E., Foundations of Chemistry	26
Papple Johnston, A., ACFT For Dummies	74
Parray, J., Soil Bioremediation.....	82
Pathania, S., Food Formulation	71
Peate, I., Fundamentals of Children and Young People's Anatomy and Physiology	98
Peate, I., Fundamentals of Pharmacology	101
Peate, I., The Nursing Associate's Handbook of Clinical Skills	101
Penney, R., Linear Algebra.....	85
Perkins, B., Microsoft Azure Architect Technologies and Design Complete Study Guide.....	125
Pile, S., Bodies, Affects, Politics	72
Pountney, L., Introducing Anthropology	12
Powers, S., MRI Registry Review	92
Quideau, S., Recent Advances in Polyphenol Research.....	83
Raad , H., Fundamentals of IoT and Wearable Technology Design	58
Rabaka, R., Du Bois.....	114
Rahmat-Samii, Y., Antenna and Sensor Technologies in Modern Medical Applications	57
Ramirez Reina, T., Engineering Solutions for CO2 Conversion.....	25
Ramsinghani, M., The Business of Venture Capital.....	68
Ramzan, I., Biologics, Biosimilars, and Biobetters	31
Rane, A., Outpatient Urology and Urogynecology	92
Raneesh, B., Metal Oxide Nanocomposites	112
Rather, L., Innovative and Emerging Technologies for Textile Dyeing and Finishing.....	29
Ratovelomanana-Vidal, V., Asymmetric Hydrogenation and Transfer Hydrogenation	30

Reed, S., PHR/SPHR Exam For Dummies with Online Practice	123
P&acute	82
Ricci, A., Methodologies in Amine Synthesis	32
Ringstrom, D., QuickBooks Online For Dummies	38
Romanos, G., Advanced Laser Surgery in Dentistry	50
Rooney, T., IP Address Management	42
Rowland, S., Structural Analysis and Synthesis	65
Ruffle, K., Everyday Shi'ism in South Asia	113
Sabin-Wilson, L., WordPress For Dummies	44
Saltzman, M., Apple Watch For Dummies	54
Sarkar, S., Intelligent Multi-Modal Data Processing	23
Seaton, H., The Construction Technology Handbook	22
Seckbach, J., EXTREMOPHILES as Astrobiological Models	102
Segal, R., The Wiley-Blackwell Companion to the Study of Religion	113
Selikoff, S., OCP Oracle Certified Professional Java SE 11 Developer Practice Tests	125
Seneca, Letters from a Stoic	104
Senn, S., Statistical Issues in Drug Development	119
Seymour, C., Successes and Setbacks of Social Media	41
Shah, V., Handbook of Plastics Testing and Failure Analysis	111
Shaw, C., Amyotrophic lateral sclerosis	84
Shilliam, R., Decolonizing Politics	106
Shimonski, R., AI in Healthcare	77
Sidani, S., Nursing and Health Interventions	98
Singh, P., Pollutants and Water Management	67
Siow, A., Leading with IT	15
Sivaraman, P., Basic Electrical and Instrumentation Engineering	52
Slavin, L., Overhead Distribution Lines	63
Smith, P., The Wiley Blackwell Handbook of Bullying	108
Stichlmair, J., Distillation	24
Stoops, G., Guidelines for Analysis and Description of Regolith Thin Sections	11
Sue, D., Microintervention Strategies	107
Sugimoto, N., Chemistry and Biology of Non-canonical Nucleic Acids	35
Sun Lee, D., Modified Atmosphere Packaging of Foods	72
Sun, H., Solar-to-Chemical Conversion	35
Sun, X., Organic Mechanisms	32
Szabo, K., Organofluorine Chemistry	33
Szeman, I., A Companion to Critical and Cultural Theory	84
Tang, D., Magnetic Memory Technology	57
Tang, H., Engineering Research	53
Taylor, D., The Maudsley Prescribing Guidelines in Psychiatry	92
Thornton, A., Product Realization	93
Tripathi, S., Green Energy	61
Tulkoff, C., Design for Excellence in Electronics Manufacturing	55
Tyagi, S., Blockchain for Business	45
Upadhyay, S., Genome Engineering for Crop Improvement	83
van Stijn, J., Enneagram For Dummies	47
Vaz, N., Digital Business Transformation	14
Veatch, M., Linear and Convex Optimization	86
Verzuh, E., The Fast Forward MBA in Project Management	19
Waisberg, N., AI For Lawyers	15
Walker, T., The Handbook of Banking Technology	68
Wan, P., Asia Past and Present	77
Warren, L., American Environmental History	78
Webber, M., What's Wrong with NATO and How to Fix it	106
Williamson, J., Case Studies in Retrofitting Suburbia	13
Willis, S., Clinical Cases in Paramedicine	88
Winter, D., Surgical Management of Advanced Pelvic Cancers	89

Woolf, V. , A Room of One's Own.....	116
Wright, A. , Essentials of Psychological Tele-Assessment	109
Xu, Y. , Distributed Energy Management of Electrical Power Systems	64
Zhang, X. , Sulfur-containing Polymers.....	112
Zhang, X. , Transcritical CO ₂ Heat Pump	94
Zhang, Y. , A Companion to Modern Chinese Literature	85
Zhao, Y. , Structural Reliability.....	21
Zimarino, M. , A Practical Guide to Prevention and Treatment of Complications During Transcatheter Aortic Valve Implantation.....	88

Subject Index

20th Century Philosophy	
Adorno, Correspondence, 1939 - 1969, 1-5095-1045-1	105
Aeronautic & Aerospace Engineering	
Abbasov, Recognition and Perception of Images, 1-119-75055-5	95
Li, Dynamics and Control of Interplanetary Flight, 1-119-28960-2	95
Agriculture Special Topics	
Liem, Low-Rank Coal Applications in Agriculture, 1-119-73475-4	12
American Politics	
Garcia Bedolla, Latino Politics, 1-5095-3773-2	106
Analytical Chemistry	
Nöl	27
Ancient Philosophy	
Seneca, Letters from a Stoic, 1-119-75135-7	104
Antennas & Propagation	
Chahat, CubeSat Antenna Design, 1-119-69258-X	53
Applied Microbiology	
Koubaa, Fermentation Processes: Emerging and Conventional Technologies, 1-119-50585-2	81
Parray, Soil Bioremediation, 1-119-54795-4	82
Applied Psychology	
Graf, Handbook on the State of the Art in Applied Psychology, 1-119-62769-9	107
Artificial Intelligence	
Gandhi, Internet of Things in Business Transformation, 1-119-71112-6	45
Gupta, Smart Sustainable Intelligent Systems, 1-119-75058-X	46
Kumar, Swarm Intelligence Optimization, 1-119-77874-3	46
Tyagi, Blockchain for Business, 1-119-71104-5	45
Asian & Australasian History	
Wan, Asia Past and Present, 1-118-95518-8	77
Assessment	
Wright, Essentials of Psychological Tele-Assessment, 1-119-77188-9	109
Astronomy & Astrophysics	
Seckbach, EXTREMOPHILES as Astrobiological Models, 1-119-59168-6	102
Biochemical Engineering	
Dunn, Biological Reaction Engineering, 3-527-32524-7	26
Biochemistry (Chemical Biology)	
Muller, Ribozymes, 3-527-34454-3	36
Sugimoto, Chemistry and Biology of Non-canonical Nucleic Acids, 3-527-34521-3	35
Biomolecules (DNA, RNA, Peptides, etc.)	
Katz, DNA- and RNA-Based Computing Systems, 3-527-34720-8	36
Biopharmaceuticals & Pharmaceutical Biotechnology	
Ramzan, Biologics, Biosimilars, and Biobetters, 1-119-56465-4	31
Biostatistics	
Hirsch, Introduction to Biostatistical Applications in Health Research with Microsoft Office Excel and R, 1-119-72259-4	118
Senn, Statistical Issues in Drug Development, 1-119-23857-9	119
Business & Finance	
Muldowney, Gauge Integral Structures for Stochastic Calculus and Quantum Electrodynamics, 1-119-59549-5	86
Business & Management Special Topics	
McCullen, Undisruptable, 1-119-77048-3	21
Business Statistics & Math	
Cady, Data Science, 1-119-54408-4	16
Business Technology	
Moschovitis, Privacy, Regulations, and Cybersecurity, 1-119-65874-8	16
Siow, Leading with IT, 1-119-79740-3	15
Waisberg, AI For Lawyers, 1-119-72384-1	15
Catalysis	

Himeda , CO ₂ Hydrogenation Catalysis, 3-527-34663-5	29
Huber, Halogen Bonding in Solution, 3-527-34731-3	30
Cellulose/Paper/Textile Chemistry	
Rather, Innovative and Emerging Technologies for Textile Dyeing and Finishing, 1-119-71014-6	29
Certification (MSCE, Novell, etc.)	
Chapple, CompTIA Security+ Study Guide, 1-119-73625-0	124
Neto, AWS Certified Security Study Guide, 1-119-65881-0	124
Perkins, Microsoft Azure Architect Technologies and Design Complete Study Guide, 1-119-55953-7	125
Selikoff, OCP Oracle Certified Professional Java SE 11 Developer Practice Tests, 1-119-69613-5	125
Comparative & World Literature	
Zhang, A Companion to Modern Chinese Literature, 1-119-10908-6	85
Computer Engineering	
Dave, Nanopharmaceutical Advanced Delivery Systems, 1-119-71166-5	58
Computer Hardware / Macintosh	
McFedries, iPad Portable Genius, 1-119-76358-4	40
Conservation Science	
Hunter, Fundamentals of Conservation Biology, 1-119-14416-7	81
Construction	
Seaton, The Construction Technology Handbook, 1-119-71995-X	22
Control Systems Technology	
Almalawi, SCADA Security, 1-119-60603-9	54
Corporate / Managerial Accounting	
Doxey, The Controller's Toolkit, 1-119-70064-7	11
Criminology	
Barnes, The Encyclopedia of Research Methods in Criminology and Criminal Justice, 1-119-11072-6	79
Critical Theory	
Horvat, After the Apocalypse, 1-5095-4007-5	103
Crystallography	
Aroyo, International Tables for Crystallography, 6th Edition, Teaching Edition Crystallographic Symmetry, 0-470-97422-2	28
Data Analysis	
Peñaltilde	120
Balusamy, Big Data, 1-119-70182-1	120
Kusleika , Data Visualization with Excel Dashboards and Reports, 1-119-69872-3	121
Data Mining & Knowledge Discovery	
Harinath, Reports, Dashboards and Apps Using Microsoft Power Platform, 1-119-60918-6	44
Data Mining Statistics	
McCullough, Business Experiments with R, 1-119-68970-8	122
Data Processing	
Sarkar , Intelligent Multi-Modal Data Processing, 1-119-57138-3	23
Dental Nursing	
Chapman, Basic Guide to Oral Health Education and Promotion, 1-119-59162-7	51
Diversity, Culture & Ethnicity	
Sue, Microintervention Strategies, 1-119-76996-5	107
Drug Discovery & Development	
Fischer, Successful Drug Discovery, 3-527-34754-2	31
Educational & School Psychology	
Smith, The Wiley Blackwell Handbook of Bullying, 1-118-48272-7	108
Electric Power Systems	
Xu, Distributed Energy Management of Electrical Power Systems, 1-119-53488-7	64
Electronic Materials	
Nanda, Transition Metal Oxides for Electrochemical Energy Storage, 3-527-34493-4	96
Emergency Medicine & Trauma	
Willis, Clinical Cases in Paramedicine, 1-119-61925-4	88
Engineering Management	
Tang, Engineering Research, 1-119-62448-7	53
English Literature	
Szeman, A Companion to Critical and Cultural Theory, 1-119-40464-9	84

Environmental Economics & Politics	
Jackson, Post Growth, 1-5095-4251-5	64
Environmental Geoscience	
Malone, Coastal Ecosystems in Transition, 1-119-54358-4	67
Epilepsy	
Cascino, Epilepsy, 1-119-43182-4	91
Epistemology	
Littlejohn, This Is Epistemology, 1-118-33682-8	105
Ethics	
LaFollette, The International Encyclopedia of Ethics, 1-119-48887-7	104
Family Therapy	
Capuzzi, Foundations of Couples, Marriage, and Family Counseling, 1-119-68608-3	110
Feminist Theory	
Braidotti, Posthuman Feminism, 1-5095-1807-X	116
Woolf, A Room of One's Own, 0-85708-882-3	116
Film Studies	
Delgado, A Companion to Latin American Cinema, 1-119-32920-5	48
McElhaney, A Companion to Fritz Lang, 1-119-06905-X	48
Morris, A Companion to Steven Spielberg, 1-119-32784-9	49
Finance & Investments Special Topics	
Aldridge, Big Data Science in Finance, 1-119-60298-X	70
Gormley, Investing in Cannabis For Dummies, 1-119-67476-X	71
Fitness	
Papple Johnston, ACFT For Dummies, 1-119-70428-6	74
Food Packaging	
Sun Lee, Modified Atmosphere Packaging of Foods, 1-119-53076-8	72
Food Processing, Production & Manufacture	
Pathania, Food Formulation, 1-119-61474-0	71
Forensic Psychology	
Crighton, Forensic Psychology, 1-119-67354-2	108
Fossil Fuels	
Chin, Well Logging, 1-119-28332-9	61
Gastroenterology & Hepatology	
Neuberger, Liver Transplantation, 1-119-63398-2	89
Winter, Surgical Management of Advanced Pelvic Cancers, 1-119-51840-7	89
General & Introductory Anthropology	
Pountney, Introducing Anthropology, 1-5095-4414-3	12
General & Introductory Business & Management	
Vaz, Digital Business Transformation, 1-119-75867-X	14
General & Introductory Earth Sciences	
Cox, Weather For Dummies, 1-119-80677-1	65
General & Introductory Electrical & Electronics Engineering	
Sivaraman, Basic Electrical and Instrumentation Engineering, 1-119-76446-7	52
General & Introductory Statistics	
Mastrodomenico, The Python Book, 1-119-57331-9	117
General Clinical Nursing	
Peate, Fundamentals of Pharmacology, 1-119-59466-9	101
Peate, The Nursing Associate's Handbook of Clinical Skills, 1-119-64230-2	101
General Communication & Media Studies	
Botan, The Handbook of Strategic Communication, 1-118-85214-1	41
O'Neil, The Handbook of Peer Production, 1-119-53710-X	40
General Dentistry	
Gray, A Practical Approach to Operative Dentistry, 1-119-60842-2	49
General Finance & Investments	
Ramsinghani, The Business of Venture Capital, 1-119-63968-9	68
Walker, The Handbook of Banking Technology, 1-119-32801-2	68
General Sociology	

Giddens, Sociology, 1-5095-3922-0	115
Rabaka, Du Bois, 1-5095-1924-6	114
Geomorphology	
Davies, Geomorphology and Natural Hazards, 1-119-99031-9	66
Geriatric Medicine	
Cruz-Jentoft, Sarcopenia, 1-119-59787-0	90
Graphics & Design software (Non-Microsoft)	
Bauer, Adobe Photoshop CC For Dummies, 1-119-71177-0	37
Benton, Mastering AutoCAD 2021 and AutoCAD LT 2021, 1-119-71535-0	38
Grid & Cloud Computing	
Gupta, Fog, Edge, and Pervasive Computing in Intelligent IoT Driven Applications, 1-119-67007-1	47
Health & Health Care Special Topics	
Shimonski, AI in Healthcare, 1-119-68001-8	77
Hematology	
Hastings, Handbook of Pediatric Hematology and Oncology, 1-119-21074-7	90
McCullough, Transfusion Medicine Paper, 1-119-59953-9	91
History of Science & Medicine	
Warren, American Environmental History, 1-4443-3939-7	78
Homogeneous Catalysis	
Ratovelomanana-Vidal, Asymmetric Hydrogenation and Transfer Hydrogenation, 3-527-34610-4	30
Human Genetics	
Pé.....	82
Human Geography	
Cesar Leã.....	73
Pile, Bodies, Affects, Politics, 1-118-90197-5	72
Igneous & Metamorphic Petrology and Volcanology	
Ernst, Large Igneous Provinces, 1-119-50745-6	66
Industrial Chemistry	
Frohs, Industrial Carbon and Graphite Materials, 3-527-33603-6	28
Industrial Engineering / Project Management	
Kenning, How to Make Change with Transition Engineering, 1-119-64679-0	78
International Public Health	
Lemery, Global Climate Change and Human Health, 1-119-66795-X	76
Interventional Cardiology	
Zimarino, A Practical Guide to Prevention and Treatment of Complications During Transcatheter Aortic Valve Implantation, 1-119-72059-1	88
Introductions to Philosophy	
Guttenplan, Reading Philosophy, 1-119-09467-4	103
Introductory Human Geography	
Boyle, Human Geography, 1-119-37471-5	73
Investments & Securities	
Green, The Gone Fishin' Portfolio, 1-119-79504-4	70
Islam	
Ruffle, Everyday Shi'ism in South Asia, 1-119-35714-4	113
Laboratory Hematology	
Ortolani, Flow Cytometry of Hematological Malignancies, 1-119-61125-3	91
Linear Algebra	
Penney, Linear Algebra, 1-119-65692-3	85
Veatch, Linear and Convex Optimization, 1-119-66404-7	86
Linguistic Anthropology	
Ahearn, Living Language, 1-119-60814-7	13
Management / Leadership	
Ozenc, Rituals for Virtual Meetings, 1-119-75599-9	17
Schwartz, Work Disrupted, 1-119-76227-8	17
Management / Teams	
Kouzes, Everyday People, Extraordinary Leadership, 1-119-68701-2	18
Marketing & Sales	

Kotler, Marketing 5.0, 1-119-66851-4	19
Mass Communication & The Media	
Seymour, Successes and Setbacks of Social Media, 1-119-69518-X	41
Materials Processing	
Cao, Wafer Manufacturing: Shaping of Single Crystal Silicon Wafers, 0-470-06121-9	97
Mathematics	
Boaler, Mindset Mathematics: Visualizing and Investigating Big Ideas, Grade 1, 1-119-35862-0	52
Mechanical Engineering - Design	
Cross, Engineering Design Methods, 1-119-72437-6	93
Thornton, Product Realization, 1-119-64953-6	93
Medical Statistics & Epidemiology	
Bowers, Understanding Clinical Papers, 1-119-57316-5	87
Mental Health	
Elliott, Anxiety For Dummies, 1-119-76850-0	76
Methods - Synthesis & Techniques	
Maiti, Remote C-H Bond Functionalizations, 3-527-34667-8	34
Midwifery	
Brown, Better Births, 1-119-62874-1	99
Mobile & Wireless Communications	
Saltzman, Apple Watch For Dummies, 1-119-77682-1	54
MRI	
Powers, MRI Registry Review, 1-119-75793-2	92
Music	
Jarrett, Music Composition For Dummies, 1-119-72078-8	79
Nanomaterials	
P. M., Nanostructured Multiferroics, 3-527-34320-2	97
Networking	
Rooney, IP Address Management, 1-119-69227-X	42
Neuroscience	
Shaw, Amyotrophic lateral sclerosis, 1-119-74549-7	84
Nursing Children & Young People	
Peate, Fundamentals of Children and Young People's Anatomy and Physiology, 1-119-61922-X	98
Nursing Education & Professional Development	
Holland, Writing for Publication in Nursing and Healthcare, 1-119-58363-2	100
Nursing Management & Leadership	
Kelly, Kelly Vana's Nursing Leadership and Management, 1-119-59661-0	100
Nursing Research	
Fowler, Practical Statistics for Nursing and Health Care, 1-119-69852-9	99
Sidani, Nursing and Health Interventions, 1-119-61012-5	98
Office Productivity - Microsoft (General & Office suite)	
Bucki, Microsoft 365 Portable Genius, 1-119-76367-3	37
Operating Systems / Linux & UNIX	
Blum, Linux Command Line and Shell Scripting Bible, 1-119-70091-4	39
Operating Systems / Microsoft Windows	
Leonhard, Windows 10 All-in-One For Dummies, 1-119-68057-3	39
Optics & Photonics	
Donati, Photodetectors, 1-119-76991-4	102
Oral & Maxillofacial Surgery	
Romanos, Advanced Laser Surgery in Dentistry, 1-119-58330-6	50
Oral Pathology	
Malamos, Clinical Guide to Oral Diseases, 1-119-32811-X	50
Organic Chemistry	
Evans, Organic Reactions, 1-119-65150-6	33
Ricci, Methodologies in Amine Synthesis, 3-527-34739-9	32
Sun, Organic Mechanisms, 1-119-61882-7	32
Szabo, Organofluorine Chemistry, 3-527-34711-9	33
Orthodontics	

Lozano Zafra, Aligner Techniques in Orthodontics, 1-119-60722-1	51
Other Software (Non-Microsoft)	
Ringstrom, QuickBooks Online For Dummies, 1-119-67907-9	38
Personal Finance / Consumer Tax	
J.K. Lasser Institute, J.K. Lasser's Your Income Tax, 1-119-74222-6.....	69
Personal Finance / Financial Advising	
Bucci, Credit Repair Kit For Dummies, 1-119-77106-4.....	69
Photochemistry	
Sun, Solar-to-Chemical Conversion, 3-527-34718-6	35
Physiology	
Osol, Physiology of Human Reproduction, 1-119-60958-5.....	87
Planning	
Williamson, Case Studies in Retrofitting Suburbia, 1-119-14917-7	13
Plant Biochemistry	
Quideau, Recent Advances in Polyphenol Research, 1-119-54592-7	83
Plant Molecular Biology	
Upadhyay, Genome Engineering for Crop Improvement, 1-119-67236-8.....	83
Political Philosophy & Theory	
Shilliam, Decolonizing Politics, 1-5095-3938-7	106
Polymer Characterization	
Raneesh, Metal Oxide Nanocomposites, 1-119-36357-8	112
Polymer processing	
Beyer, The Global Cable Industry, 3-527-34627-9	111
Shah, Handbook of Plastics Testing and Failure Analysis, 1-118-71711-2	111
Polymer Synthesis	
Zhang , Sulfur-containing Polymers, 3-527-34670-8.....	112
Popular Culture	
van Stijn, Enneagram For Dummies, 1-119-77112-9	47
Power Electronics	
Das, Arc Flash Hazard Analysis and Mitigation, 1-119-70974-1.....	59
Fuchs, Introduction to Energy, Renewable Energy and Electrical Engineering, 1-119-44833-6	60
Iqbal, Electrical Machine Fundamentals with Numerical Simulation using MATLAB / SIMULINK, 1-119-68263-0	59
Power Technology & Power Engineering	
Curtis, Maintaining Mission Critical Systems in a 24/7 Environment, 1-119-50611-5.....	63
El-Hawary, Advances in Electric Power and Energy, 1-119-48046-9	62
Slavin, Overhead Distribution Lines, 1-119-69913-4	63
Preparatory / Introductory Chemistry	
Page, Foundations of Chemistry, 1-119-51387-1	26
Probability & Mathematical Statistics	
Bartoszynski, Probability and Statistical Inference, 1-119-24380-7	118
Process Engineering	
Ramirez Reina, Engineering Solutions for CO2 Conversion, 3-527-34639-2.....	25
Stichlmair, Distillation, 1-119-41466-0	24
Programming & Software Development	
McLaughlin, Programming Kotlin Applications, 1-119-69618-6	42
Programming / C & C++	
Gregoire, Professional C++, 1-119-69540-6	43
Mueller, C++ All-in-One For Dummies, 1-119-60174-6	43
Project Management	
Verzuh, The Fast Forward MBA in Project Management, 1-119-70076-0	19
Psychiatry	
Taylor, The Maudsley Prescribing Guidelines in Psychiatry, 1-119-77222-2	92
Psychology	
Barry, Perspectives in Male Psychology, 1-119-68535-4	110
Public Health Behavior & Education	
Luquis, Cultural Competence in Health Education and Health Promotion, 1-119-57847-7	75
Public Health General	

Macip, Modern Epidemics, 1-5095-4656-1.....	75
Quality & Reliability	
Bahret, Reliability Culture, 1-119-61243-8	56
Elsayed, Reliability Engineering, 1-119-66592-2	56
Gullo, Design for Maintainability, 1-119-57851-5.....	55
Tulkoff, Design for Excellence in Electronics Manufacturing, 1-119-10937-X	55
Regression Analysis	
Montgomery, Introduction to Linear Regression Analysis, 1-119-57872-8	119
Religion, Issues & Current Affairs	
Lindberg, The European Reformations, 1-119-64081-4	114
Religious Studies	
Segal, The Wiley-Blackwell Companion to the Study of Religion, 0-470-65656-5	113
Renewable Energy	
Tripathi, Green Energy, 1-119-76076-3	61
Risk, Contingency & Crisis Management	
Chatterjee, Applied Risk Analysis for Guiding Homeland Security Policy and Decisions , 1-119-28746-4	18
Semiconductors	
Tang, Magnetic Memory Technology, 1-119-56223-6.....	57
Sensors, Instrumentation & Measurement	
Raad , Fundamentals of IoT and Wearable Technology Design, 1-119-61753-7	58
Rahmat-Samii, Antenna and Sensor Technologies in Modern Medical Applications, 1-119-68330-0	57
Separations	
Schä.....	25
Small Business & Entrepreneurship	
Bagla, Go Legal Yourself!, 1-119-74554-3	20
Social Identity	
Garbasevski, Infoselves, 1-119-64215-9	117
Social Theory	
Dillon, Concise Reader in Sociological Theory, 1-119-53618-9.....	115
Solar Energy & Photovoltaics	
Bruton, Photovoltaics from Milliwatts to Gigawatts, 1-119-13004-2	62
Solid Mechanics	
Kurdila, Vibrations of Linear Piezostuctures, 1-119-39340-X.....	94
Spectroscopy	
Crocombe , Portable Spectroscopy and Spectrometry 1, 1-119-63636-1	27
Statistical Software / SPSS	
Kulas, IBM SPSS Essentials, 1-119-41742-2.....	122
Strategic Marketing	
Herman, Instagram For Business For Dummies, 1-119-69659-3	20
Structural Geology & Tectonics	
Rowland, Structural Analysis and Synthesis, 1-119-53545-X.....	65
Structural Theory & Structural Mechanics	
Jerath, Structural Stability Theory and Practice, 1-119-69452-3	23
Structures	
Zhao, Structural Reliability, 1-119-62081-3	21
Supramolecular Chemistry	
Morsali, Functional Metal-Organic Frameworks, 1-119-64043-1.....	34
Survey Research Methods & Sampling	
Lynn, Advances in Longitudinal Survey Methodology, 1-119-37693-9.....	121
Syntax	
Carnie, Syntax, 1-119-56923-0.....	80
Carnie, The Syntax Workbook, 1-119-56929-X	80
Test Prep General	
Reed, PHR/SPHR Exam For Dummies with Online Practice, 1-119-72489-9	123
Theory, Planning & Management	
CCPS (Center for Chemical Process Safety), Guidelines for Process Safety During the Transient Operating Mode, 1-119-52915-8	24

Thermodynamics	
Zhang, Transcritical CO ₂ Heat Pump, 1-118-38004-5	94
Thin Films, Surfaces & Interfaces	
Lill, Atomic Layer Processing, 3-527-34668-6	96
Urology	
Rane, Outpatient Urology and Urogynecology, 1-119-05229-7	92
Veterinary Dentistry	
Gawor, The Veterinary Dental Patient: A Multidisciplinary Approach, 1-118-97473-5	126
Niemiec, Breed Predispositions to Dental and Oral Disease in Dogs, 1-119-55211-7	126
Veterinary Medicine - Farm Animals	
Metwally, Veterinary Vaccines, 1-119-50595-X	128
Veterinary Medicine - Zoo & Wildlife	
Emily, Zoo and Wild Animal Dentistry , 1-119-54581-1	129
LaDouceur, Invertebrate Histology, 1-119-50765-0	128
Veterinary Medicine / Fish	
Hadfield, Clinical Guide to Fish Medicine, 1-119-25955-X	127
Veterinary Surgery, Orthopedics & Trauma	
Rubio-Martínez	127
War & Peace Studies	
Webber, What's Wrong with NATO and How to Fix it, 0-7456-8261-8	106
Wastewater Purification	
Chaubey, Wastewater Treatment Technologies, 1-119-76522-6	22
Water Resource Management	
Eslamian, Handbook of Water Harvesting and Conservation, 1-119-77598-1	67
Singh, Pollutants and Water Management, 1-119-69361-6	67
Web Site Development	
Sabin-Wilson, WordPress For Dummies, 1-119-69697-6	44