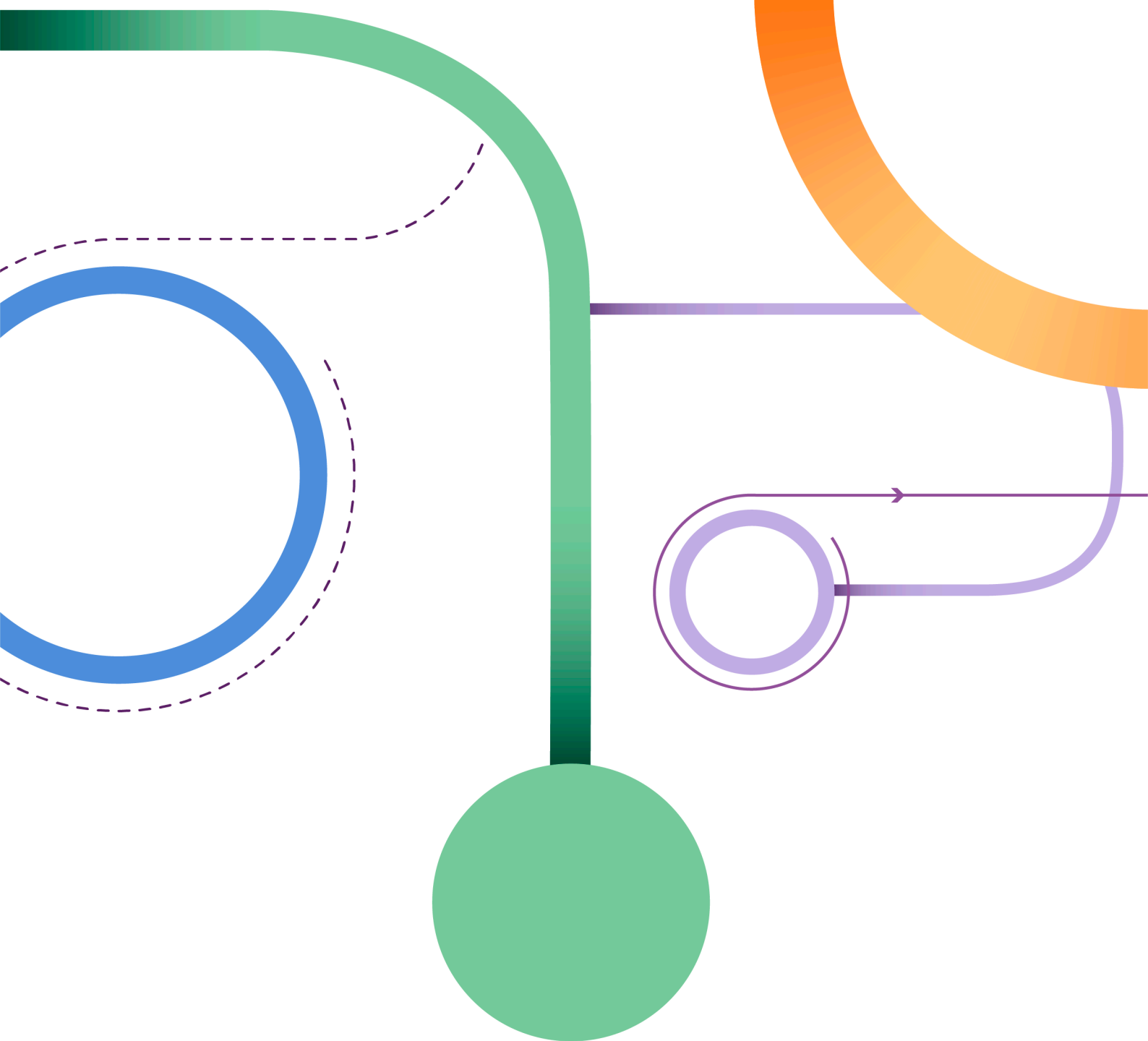


JAPAN PREVIEW

November 2021



WILEY

PICK OF THE MONTH ~ 今月のお勧めタイトル**Solid State Chemistry and its Applications, 2nd Edition**

ウエスト固体化学 基礎と応用

ANTHONY R. WEST

University of Aberdeen

→P28

Handbook of Human Factors and Ergonomics, 5th Edition

ヒューマンファクターとエルゴノミクスのハンドブック

GAVRIEL SALVENDY

Purdue University

→P48

Polymer Composites for Electrical Engineering

電気工学のための高分子複合材料

EDITOR XINGYI HUANG & EDITOR TOSHIKATSU TANAKA (田中 祀捷 元早稲田大学特任教授)

→P49

A New Companion to Herman Melville

ハーマン・メルヴィル新必携

WYN KELLEY & CHRISTOPHER OHGE

Massachusetts Institute of Technology, USA

→P64

Rook's Dermatology Handbook

ルーク皮膚科学ハンドブック

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

→P67

Sociology : Introductory Readings, 4th Edition

社会学：入門リーディング集

EDITOR ANTHONY GIDDENS & EDITOR PHILIP W. SUTTON

→P80

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ください。
- ◆ ご発注は従来通り英国の John Wiley & Sons Ltd.にお願いします。

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

T: +44 (0) 01243 843291
F: +44 (0) 01243 843303
mnally@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

芸術	Performing Arts	9
農業	Pests, Diseases & Weeds	9
建築学	Interior Design	10
	Architecture Special Topics	10
ビジネス	Business Self-Help	11
	Management / Leadership	11
	Management / Teams	14
	Decision Sciences	14
	Consulting	15
	Small Business & Entrepreneurship	16
	Property & Real Estate	18
	Business & Management Special Topics	18
土木工学	Construction Management	20
	Building Maintenance & Services	20
	Construction: Sustainability	21
化学工学	Process Engineering	21
	Process Intensification & Integration	22
	Process Safety	22
	Apparatus & Plant Technology	23
化学	Spectroscopy	23
	Industrial Chemistry	24
	Biotechnology (Chemistry)	24
	Catalysis	25
	Drug Discovery & Development	25
	Biopharmaceuticals & Pharmaceutical Biotechnology	26
	Inorganic Chemistry	27
	Physical Chemistry	27

	Solid State Chemistry	28
	Nuclear and Radiochemistry	28
	Sustainable Chemistry & Green Chemistry	29
コンピューティング	Operating Systems / Microsoft Windows	29
コミュニケーション	Media Studies	30
	Mass Communication	30
コンピュータサイエンス	Information Technologies	31
	Networking / Security	31
	Programming / C & C++	32
	Object Technologies - Java	33
	Business Data Processing	33
	Data Mining & Knowledge Discovery	34
	Artificial Intelligence	35
	Parallel and Distributed Computing	39
	Computer Security & Cryptography	39
文化研究	Cultural Studies General	41
	Digital Culture & the Information Age	41
歯学	Prosthodontics	42
	Oral Pathology	42
	Dental Technology & Materials Science	43
	Orthodontics	43
教育	Teaching & Learning (K-12)	44
	Teacher Education (K-12)	44
電気電子工学	Antennas & Propagation	45
	Communication System Security	45
	Mobile & Wireless Communications	46
	Communication Technology - Networks	47
	Satellite Communications	47
	Electronic Packaging	48
	Human Factors & Risk Assessment	48

	Electronic Materials	49
	Semiconductors	49
	Signal Processing	50
エネルギー	Renewable Energy	50
	Solar Energy & Photovoltaics	51
	Power Technology & Power Engineering	52
	Electric Power Systems	52
	Smart Grid	53
環境科学	Environmental Change	53
	Environmental Economics & Politics	54
地球科学	Geology & Geophysics	54
	Igneous & Metamorphic Petrology and Volcanology	55
	Fluvial Hydrology & Limnology	55
ファイナンス / インベストメント	General Finance & Investments	56
	Personal Finance	57
	Personal Finance / Financial Advising	57
	Investments & Securities	58
歴史	Twentieth Century & Contemporary History	59
	Latin American & Caribbean History	59
	Military History	60
	Gender & History	60
ライフスタイル	Pet Care / Birds	61
ライフサイエンス	General Biology	61
	Microbial Ecology	62
	Conservation Science	62
	Applied Microbiology	63
文学	Classical Greek Literature	63
	19th Century American Literature	64
数学	Applied Mathematics in Engineering	64

	Differential Equations	65
メディカルサイエンス	General & Introductory Medical Science	65
	Medical Professional Development.....	66
	Cardiovascular Imaging.....	66
	Dermatology	67
	Pediatrics.....	67
	Medical Education.....	68
機械工学	Mechanical Engineering - Design.....	68
	Thermodynamics	69
	Mechanical Engineering Special Topics	69
材料科学	Joining, Welding and Adhesion	70
	Organic Electronics	70
	Corrosion.....	71
	Theory, Modeling & Simulation	71
ナノテクノロジー	Nanomedicine.....	72
ナーシング	Nursing Children & Young People	72
	Nursing Research.....	73
	Nursing Education & Professional Development.....	73
哲学	General Philosophy.....	74
	Bioethics & Medical Ethics	75
	17th & 18th Century Philosophy.....	75
政治学	Political Philosophy & Theory	76
	Political Science Special Topics	77
心理学	Psychology General	77
	Addictions	78
	Psychotherapy & Counseling.....	78
ポリマーサイエンス	Polymer Science & Technology General	79
リレーションシップ	Relationships, Parenting & Family Life.....	79
セルフヘルプ	General Self-Help	80

社会学	Introduction to Sociology	80
	Feminist Theory	81
	Gender & Sexuality	81
統計学	General & Introductory Statistics	82
	Data Analysis	82
	Quality, Productivity & Reliability	83
テストプレップ	Certification (MSCE, Novell, etc.)	83
	Misc (other) certifications	84
獣医学	Veterinary Dermatology	84
	Veterinary Medicine - Equine	85
	Animal Welfare, Ethics & Law	85

芸術

Performing Arts and Digital Humanities

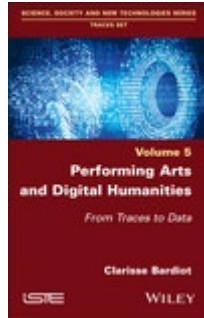
From Traces to Data

CLARISSE BARDIOT

Digital traces, whether digitized (programs, notebooks, drawings, etc.) or born digital (emails, websites, video recordings, etc.), constitute a major challenge for the memory of the ephemeral performing arts.

Digital technology transforms traces into data and, in doing so, opens them up to manipulation. This paradigm shift calls for a renewal of methodologies for writing the history of theater today, analyzing works and their creative process, and preserving performances. At the crossroads of performing arts studies, the history, digital humanities, conservation and archiving, these methodologies allow us to take into account what is generally dismissed, namely, digital traces that are considered too complex, too numerous, too fragile, of dubious authenticity, etc.

With the analysis of Merce Cunningham's digital traces as a guideline, and through many other examples, this book is intended for researchers and archivists, as well as artists and cultural institutions.



NOVEMBER 2021 UnknownPP
978-1-78630-705-7 CL \$165.00 (Japan)
Performing Arts

農業

Persistence Strategies of Weeds in Agriculture

EDITOR MAHESH K UPADHYAYA, EDITOR DAVID R CLEMENTS & EDITOR ANIL SHRESTHA

Weeds negatively impact crop yields, the quality of agricultural produce, the health of livestock and ecosystems, and various aspects of human life. Despite significant expenditures of time, money, and resources by agricultural producers, land managers, and the general public, weeds persist. Developing new methods for protecting crops and the environment requires a thorough understanding of the persistence mechanisms of weeds.

In *Persistence Strategies of Weeds*, an international team of expert authors provide detailed information on weed seed biology, identify the vulnerabilities of different weeds, and address the underlying issues behind the problem of weed persistence despite various management methods including herbicides. Presenting a comprehensive approach to the subject, the authors describe what is already understood about weed persistence and what yet needs to be determined. Topics include the role of seed production, dissemination, seed banks, the physiology and genetics of seed dormancy, the influence of agronomic practices, seed longevity, vegetative propagation, allelopathy, predation, soil microbes, weed evolution, and more.

Persistence Strategies of Weeds is an ideal textbook for all upper-level undergraduate and graduate students of weed and pest biology, agroecology, or organic agriculture, and a must-have reference for weed scientists and weed management professionals.

NOVEMBER 2021 400PP
978-1-119-52560-8 CL \$200.00 (Japan)
Pests, Diseases & Weeds

建築学

Beginnings of Interior Environments

11th Edition

LYNN M. JONES

The gold standard for learning interior design, now published by Wiley

In this Eleventh Edition of *Beginnings of Interior Environments*, accomplished interior designer and instructor Lynn M. Jones delivers a balanced and comprehensive overview of commercial and residential architecture. Written specifically for courses accredited by the Council for Interior Design Accreditation (CIDA), the book offers coverage of design history and its fundamentals and the interrelationship between construction, electrical, and mechanical systems.



The book presents case studies that explore the real-world importance of interior design and prepare students for a post-graduation career in the industry. Hundreds of images from actual design firms illustrate the design process while the text discusses issues of global importance, from sustainability to space planning.

The text also includes "Design Scenarios" that demonstrate examples of professional practice and in-house production work a student is likely to encounter during their work.

Readers will also enjoy:

- A thorough introduction to interior environments, including the fundamentals of interior design and the health, safety, and welfare benefits of interior design
- A comprehensive exploration of design fundamentals, including the elements and principles of design and color
- Practical discussions of building systems, including construction components, systems, and codes, as well as lighting, electrical, and communications systems
- In-depth examinations of the profession of interior design, including explorations of the career path of an interior designer

Now published by Wiley, *Beginnings of Interior Environments* is perfect for students in an introductory interior design course, and an indispensable resource for anyone seeking a balanced interior design perspective.

NOVEMBER 2021 UnknownPP
978-1-119-84992-6 PB \$120.00 (Japan)
Interior Design

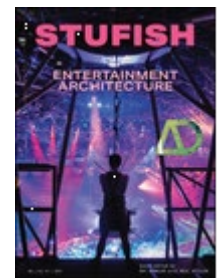
Stufish

Entertainment Architecture

EDITOR RAY WINKLER & EDITOR NEIL SPILLER

Bartlett School of Architecture, London, England

This issue of *AD* looks at the work of STUFISH Entertainment Architects. Founded by the late Mark Fisher, the legendary British architect known for his rock music stage sets for bands including the Rolling Stones, U2 and Pink Floyd, the studio is a recognised leader in entertainment architecture.



The STUFISH team of architects, designers, visualisers, production managers, technical specialists and producers creates ambitious and pioneering work, exploring new ways to inspire audiences and visitors, from musical experiences to theatrical shows, exhibitions and buildings. Its work has been synonymous with the key theatrical, musical and monumental events embodied in the collective memory of generations across the globe since the mid-1990s.

Entertainment architecture is a highly innovative, creative endeavour, producing ever-more elaborate, architectural spectacles. This issue visits the many facets of STUFISH -- its history and design process, audience memory and experience --exploring the story behind and evolution of this particular brand of popular culture and its spatial manifestations, and touching on what the future may hold for it.

Contributors include: Leonard Auerbach, Victoria Broackes, Peter Cook, Adam Davis, Haidy Geismar, Robert Kronenburg, Theo Lorenz, Ash Nehru, Aubrey Powell, Neil Thomas, Willie Williams, Patrick Woodroffe and Maciej Woroniecki.

SERIES: ARCHITECTURAL DESIGN

NOVEMBER 2021 144PP
978-1-119-81224-1 PB \$45.00 (Japan)
Architecture Special Topics

ビジネス

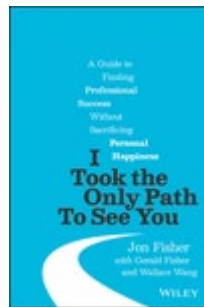
I Took the Only Path To See You

A Guide to Finding Professional Success Without Sacrificing Personal Happiness

JON FISHER, WITH GERALD FISHER & WITH WALLACE WANG

Learn how to achieve the highest levels of success without sacrificing who you are

In *I Took the Only Path to See You*, author and CEO Jon Fisher delivers an inspiring message that reminds readers that professional success does NOT have to come at the expense of personal happiness. Fisher is proof that professionals can achieve success on a grand scale without having to sacrifice their personal ethics, personal relationships, and more. The book's author shares the experiences of those who have risen to become leaders in their fields, some of whom are his close friends.



This important book teaches readers:

- How to achieve success without losing sight of being a good person
- That, while not everyone makes it to the top of their chosen field, everyone can always work toward healthy personal relationships
- That personal growth is the key to real and sustained personal happiness

Perfect for young entrepreneurs and seasoned professionals alike, *I Took the Only Path to See You* will also earn a place in the libraries of anyone interested in achieving personal fulfillment while pursuing material success. The road to true success and happiness starts with personal happiness.

NOVEMBER 2021 240PP
978-1-119-79020-4 CL \$26.00 (Japan)
Business Self-Help

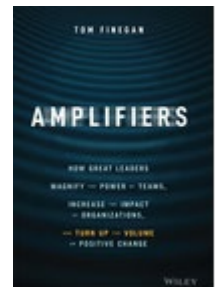
Amplifiers

How Great Leaders Magnify the Power of Teams, Increase the Impact of Organizations, and Turn Up the Volume on Positive Change

TOM FINEGAN

Discover how to enable strategic change efforts by relying on your best people

In *Amplifiers*, entrepreneur and expert management and technology consultant Tom Finegan delivers an insightful new way to think about human behavior in the execution of corporate transformations. Through an exploration of the career journeys of several leaders and analyses of "True Amplifiers" in action, the book demonstrates how to deliver strategic and transformative change by relying on the efforts of key, exemplary followers. This important book:



- Explains the different ways that being a true amplifier is experienced by different ethnicities and genders
- Describes the "Cell Concept" of amplifiers, and how they interact with other stakeholders of your organization
- Discusses the work of amplifiers across global industries and organizations

Perfect for executives, managers, and other business leaders responsible for change management and strategic execution, *Amplifiers* also belongs on the bookshelves of anyone who hopes to contribute to or lead organizations as they change direction.

NOVEMBER 2021 272PP
978-1-119-79455-4 CL \$26.00 (Japan)
Management / Leadership

The Human Element

Overcoming the Resistance That Awaits New Ideas

LORAN NORDGREN & DAVID SCHONTHAL

Watch your most innovative ideas take flight by overcoming the forces that resist change

The Human Element is for anyone who wants to introduce a new idea or innovation into the world. Most marketers, innovators, executives, activists, or anyone else in the business of creating change, operate on a deep assumption. It is the belief that the best (and perhaps only) way to convince people to embrace a new idea is to heighten the appeal of the idea itself. We instinctively believe that if we add enough value, people will eventually say "yes." This reflex leads us down a path of adding features and benefits to our ideas or increasing the sizzle of our messaging - all in the hope of getting others on board. We call this instinct the "Fuel-based mindset." The Fuel-based mindset explains so much of what we do, from adding countless trivial features to software, to bolting a sixth blade onto a shaving razor.



By focusing on Fuel, innovators neglect the other half of the equation -- the psychological Frictions that oppose change. Frictions create drag on innovation. And though they are rarely considered, overcoming these Frictions is essential for bringing new ideas into the world. *The Human Element* highlights the four Frictions that operate against innovation. Readers will discover:

- Why their best ideas and initiatives often get rejected -- despite their undeniable value
- How to disarm the forces of resistance that act against change
- How to transform the very Frictions that hold us back into catalysts for change

Perfect for business leaders, product managers, educators, and anyone else who seeks to bring new and exciting ideas to life, *The Human Element* is an indispensable resource to help people overcome the powerful forces of human nature that instinctively resist change.

NOVEMBER 2021 240PP
978-1-119-76504-2 CL \$27.00 (Japan)
Management / Leadership

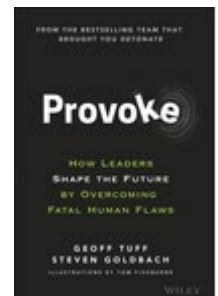
Provoke

How Leaders Shape the Future by Overcoming Fatal Human Flaws

GEOFF TUFF, HERMITAGE, UNITED STATES, STEVEN GOLDBACH, NEW YORK, UNITED STATES & ILLUSTRATOR TOM FISHBURNE

Explore a new and effective method for seizing opportunity in the face of uncertainty

In *Provoke: How Leaders Shape the Future by Overcoming Fatal Human Flaws*, renowned strategy consultants and best-selling authors Geoff Tuff and Steven Goldbach deliver an insightful exploration of how people tend to act tentatively in the face of uncertainty and provide the tools we need to do things differently.



Tuff and Goldbach offer up a compelling argument for the proposition that taking a "wait and see" approach is the exact opposite of what helps visionary leaders change the world. Drawing on principles from business and behavioral economics, the book shows readers from all walks of life how to provoke action as a mechanism to advance.

In this book you'll discover:

- An overview of the assortment of cognitive biases which tend to restrain and distort leadership decision making in the face of uncertainty
- How to recognize the 'phase change' that occurs when an uncertainty resolves from being a question of "if" to being a matter of "when"
- Five different models of provocation which can be used alone or in combination to anticipate, drive through and exit that phase change in a way that creates the future you desire
- How true "provocateurs" shake the foundations of their industries, firms, sectors, and governments by overcoming their need for certainty before action

Perfect for leaders or aspiring leaders in all walks of life where uncertainty abounds--which is to say, almost everywhere --*Provoke* will become your go-to guide to overcoming those natural human instincts that keep us frozen in place and prevent us from seizing our opportunities.

NOVEMBER 2021 272PP
978-1-119-76447-2 CL \$29.00 (Japan)
Management / Leadership

Reframing Organizations

Artistry, Choice, and Leadership, 7th Edition

LEE G. BOLMAN & TERRENCE E. DEAL, SAN LUIS OBISPO, UNITED STATES

AN ELEGANT FRAMEWORK FOR MORE EFFECTIVE LEADERSHIP

Bolman and Deal's four-frame model has been transforming business leadership for over 40 years. Using a multidisciplinary approach to management, this deceptively simple model offers a powerful set of tools for navigating complexity and turbulence; as the political and economic climate continues to evolve, this model has never been more relevant than today.



The Structural Frame explores the convergence of organizational structure and function, and shows why social architecture must take environment into account. Case studies illustrate successful alignment in diverse organizations, and guidelines provide strategic insight for avoiding common pathologies and achieving the right fit.

The Human Resource Frame dissects the complex dynamics at the intersection of people and organizations and charts the leadership and human resource practices that build motivation and high performance.

The Political Frame shows how competition, conflict, and the struggle for power and resources can be either a tool for growth or a toxic landmine for an individual or organization. Case studies show how both constructive and destructive practices influence social, political, and economic trends both within and beyond organizational boundaries.

The Symbolic Frame defines organizational culture, and delves into the emotional and existential underbelly of social life. It underscores the power of symbolic forms such as heroes, myths, and rituals in providing the glue that bonds social collectives together.

The *Seventh Edition* has been updated with new information on cross-sector collaboration, generational differences, virtual environments, globalization, cross-cultural communication, and more, with an expanded Instructor's Guide that includes summaries, mini-assessments, videos, and extra resources.

NOVEMBER 2021 544PP
978-1-119-85512-5 PB \$75.00 (Japan)
9781119756835 CL \$85.00 (Japan) NYP, OCT 2021
Management / Leadership/

You Can Change Other People

The Four Steps to Help Your Colleagues, Employees-- Even Family-- Up Their Game

PETER BREGMAN, UNITED STATES & HOWARD JACOBSON

Discover how to change the lives of the people around you

In *You Can Change Other People*, the world's #1 executive coach, Peter Bregman, and Howie Jacobson, Ph.D., share the Four Steps to help the people around you make positive change -- even if they've been stuck for years.



The authors rely on over 50 years of collective professional experience to show you exactly what to say to influence those around you for the better. Changing the way you talk will stop you from being perceived as a critic, and turn you into a welcomed and effective ally. You'll learn how to:

- Disarm their defensiveness and increase their confidence to act
- Turn people's biggest problems into even bigger opportunities
- Ensure accountability and follow through without making them dependent on you

No one wants to be changed; but change and personal growth are critical to success, and more importantly, to a fulfilled life. *You Can Change Other People* is a must-read for those who want to improve their impact with co-workers, family members, and everyone in between.

NOVEMBER 2021 272PP
978-1-119-81653-9 CL \$25.00 (Japan)
Management / Leadership

Facilitator's Guide to Participatory Decision-Making

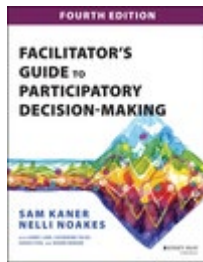
4th Edition

SAM KANER

Community At Work

The fourth edition of this ground-breaking book continues to advance its mission to support groups to do their best thinking. It demonstrates that meetings can be much more than merely an occasion for solving a problem or creating a plan. Every well-facilitated meeting is also an opportunity to stretch and develop the perspectives of the individual members, thereby building the strength and capacity of the group as a whole.

This fully updated edition of *The Facilitator's Guide to Participatory Decision-Making* guides readers through the struggle and the satisfaction of putting participatory values into practice, helping them to fulfill the promise of effective group decision-making. With previous editions already embraced by business and community leaders and consulting professionals around the world, this new book is even more insightful and easy to use. It features new tools, skills, exercises, and case studies with a particular emphasis on facilitating group decision-making in virtual environments.



NOVEMBER 2021 UnknownPP
978-1-119-78906-2 PB \$45.00 (Japan)
MANAGEMENT / TEAMS

Smart Decisions

A Structured Approach to Decision Analysis

RICHARD HODGETT & SAJID SIRAJ

University of Leeds; University of Leeds

Smart Decisions teaches the fundamentals and practical use of Multi-Criteria Decision Analysis (MCDA) methods. The authors provide guidance on modelling decision problems using well-established MCDA methods. Each chapter introduces core MCDA methods and then guides the readers through a step-by-step approach on implementing these methods using Microsoft Excel. The final chapter shows the reader how to utilise MCDA with the MCDA package for R which was co-written by Dr. Hodgett.

SERIES: WILEY SERIES IN OPERATIONS RESEARCH AND
MANAGEMENT SCIENCE

JUNE 2022 250PP
978-1-119-30933-8 CL \$99.95 (Japan)
Decision Sciences

Value-Based Fees

How to Charge What You're Worth and Get What You Charge, 3rd Edition

ALAN WEISS, EAST GREENWICH

Summit Consulting Group, Inc.

The latest edition of the leading guide to consulting engagement pricing, from the "Rock Star of Consulting" Alan Weiss

In the newly revised Third Edition of *Value-Based Fees: How to Charge -- and Get -- What You're Worth*, best-selling author, speaker and renowned consultant Dr. Alan Weiss delivers a thoroughly updated guide to proposing, and receiving, consistently high fees that are based on the value you deliver to each client you serve.

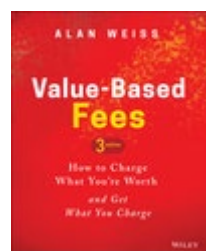
The author walks you through the many reasons that time-and-materials pricing models are outdated and inadequate and how to convert existing clients to your new value-based fee model. He also discusses fundamental new developments in consulting, including the remote delivery of services, the waning market power of the consulting giants, economic globalization, and the shift from project work to advisory work.

Among the step-by-step techniques and strategies provided in the book, you'll find:

- How to establish value-based fees, including determining your unique value and creating a "good deal" dynamic
- How to create, capitalize on, and market to trusted advisor relationships
- How to implement fee increases immediately, prevent and rebut fee objections, create consulting products, and explore lucrative new fields

Perfect for newcomers to the consulting field as well as time-tested veterans, *Value-Based Fees* is an indispensable guide for every solo consultant, entrepreneur, and small consulting firm.

NOVEMBER 2021 272PP
978-1-119-77692-5 CL \$75.00 (Japan)
CONSULTING



Fundamentals of Human Resource Management

14th Edition

SUSAN L. VERHULST & DAVID A. DECENZO

Des Moines Area Community College; Towson State University

Fully revised and updated with input from practicing HR professionals, *Fundamentals of Human Resource Management, 14th Edition* provides students with a concise yet thorough introduction to the quickly evolving world of Human Resource Management (HR). This conversational and engaging text is designed to enhance online and distance learning and covers nearly all topics and competencies recommended by Society of Human Resource Management (SHRM) and Human Resource Certification Institute (HRCI) including human resource functions, strategy, planning, legal context, employee relations, talent acquisition, training and development, performance management, total rewards, health, safety, and labor relations. Every chapter is filled with real-world examples and activities based on current and emerging issues designed to strengthen student comprehension and increase student engagement.

NOVEMBER 2021 496PP
978-1-119-80374-4 PB \$125.79 (Japan)
HUMAN RESOURCE MANAGEMENT

Hire With Your Head

Using Performance-Based Hiring to Build Outstanding Diverse Teams

4th Edition

LOU ADLER, IRVINE

Discover the secrets of one of the world's leading talent acquisition experts

In the newly revised Fourth Edition of *Hire With Your Head: Using Performance-Based Hiring to Build Great Teams*, influential recruiting and hiring expert Lou Adler delivers a practical guide to consistently identifying and hiring the best people and scaling that process throughout your company.



This book will help you address your hiring and recruitment issues, not just by making you more efficient, but also by reforming your entire process to align with how top talent actually look for new jobs, compare offers, and select opportunities.

You'll discover:

- Discover what it takes to ensure more Win-Win Hiring outcomes by hiring for the anniversary date rather than the start date
- How to use a "High Tech, High Touch" approach to raise the talent bar
- Expand the talent pool to include more outstanding, high potential and diverse talent by defining work as a series of key performance objectives

Perfect for hiring managers, recruiters, and HR and business leaders, *Hire with Your Head* is a must-read resource for anyone seeking to improve their ability to find, attract, and retain the top talent the world has to offer.

NOVEMBER 2021 336PP
978-1-119-80888-6 CL \$35.00 (Japan)
HUMAN RESOURCE MANAGEMENT

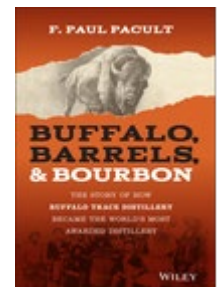
Buffalo, Barrels, & Bourbon

The Story of How Buffalo Trace Distillery Became The World's Most Awarded Distillery

F. PAUL PACULT

Learn about one of the most impactful distilleries in American history in this comprehensive tale

Buffalo, Barrels, & Bourbon tells the fascinating tale of the Buffalo Trace Distillery, from the time of the earliest explorations of Kentucky to the present day. Author and award-winning spirits expert F. Paul Pacult takes readers on a journey through history that covers the American Revolutionary War, U.S Civil War, two World Wars, Prohibition, and the Great Depression.



Buffalo, Barrels, & Bourbon covers the pedigree and provenance of the Buffalo Trace Distillery:

- The larger-than-life personalities that over a century and a half made Buffalo Trace Distillery what it is today
- Detailed accounts on how many of the distillery's award-winning and world-famous brands were created
- The impact of world events, including multiple depressions, weather-related events, and major conflicts, on the distillery

Belonging on the shelf of anyone with an interest in American spirits and history, *Buffalo, Barrels, & Bourbon* is a compelling must-read.

NOVEMBER 2021 240PP
978-1-119-59991-3 CL \$25.00 (Japan)
Small Business & Entrepreneurship

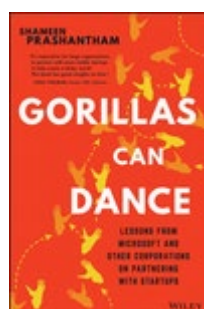
Gorillas Can Dance

Lessons from Microsoft and Other Corporations on Partnering with Startups

SHAMEEN PRASHANTHAM

Achieve exceptional results with your organization's next partnership for corporate innovation

In *Gorillas Can Dance*, distinguished international business strategy professor and expert Dr. Shameen Prashantham delivers a proven roadmap for large corporations collaborating with startups. Drawing on over a decade of international research, Dr. Prashantham explains the "why," "how," and "where" of corporate-startup partnering.



In this book, you'll learn:

- How to focus on the three pillars of synergy, interface, and exemplar to achieve outstanding results in your partnership
- Why the very thing that attracts large corporations to startups--their significant differences--also makes it difficult to work together
- Where in the world to find your ideal startup partnerships and how to use them as a force for good

Perfect for C-suite executives, managers, business unit heads, and corporate innovation managers, *Gorillas Can Dance* is a must-have resource for business leaders seeking strategic guidance on partnering and collaborating with startups.

NOVEMBER 2021 368PP
978-1-119-82358-2 CL \$29.95 (Japan)
Small Business & Entrepreneurship

Small Business Revolution

How Owners and Entrepreneurs Can Succeed

BARRY MCCARTHY

Equip your small business for dramatic growth and success in any environment

In *Small Business Revolution: How Owners and Entrepreneurs Can Succeed*, small business expert and President and CEO of Deluxe Corp. Barry C. McCarthy delivers a stirring combination of uplifting narrative and small business instruction manual. Featuring inspiring stories from the company's 106-year history and anecdotes from its Emmy-nominated TV show *Small Business Revolution*, this book offers readers the opportunity to learn how to grow and thrive in their business in any environment, from a booming economy to a post-pandemic marketplace.



Whether you're just starting to plan your new business or you are a seasoned veteran in the small business trenches, you'll discover a wealth of information to help you structure your business to reach customers, find talent, understand finances, and so much more. You'll find guidance on:

- How to get your costs in line when your expenses have changed
- Mastering new tools to manage payments and payroll, including contactless and remote payments
- Maintaining relationships with your existing customers while reaching out to new ones
- How to manage cash and, how to retain employees through lean times, and more

Perfect for the millions of brave, courageous, and strong individuals who plan to start or run a small business during one of the most challenging times in recent memory, *Small Business Revolution* is an indispensable guide to helping your enterprise survive and succeed during unprecedented challenges.

NOVEMBER 2021 256PP
978-1-119-80264-8 CL \$25.00 (Japan)
Small Business & Entrepreneurship

The High-Performing Real Estate Team

5 Keys to Dramatically Increasing Production and Commissions

BRIAN ICENHOWER

Transform your real estate business into a sales powerhouse

In *The High-Performing Real Estate Team*, experienced real estate coach Brian Icenhower shares the systems and secrets of top real estate agents and brokerages. The book offers actionable systems and processes that can be immediately implemented to take you, your fellow agents, and your team or brokerage to the next level.



Focusing on the 20% of activities that drive expansion, this book shows you how to create renewed enthusiasm, productivity, engagement, and exponential growth at your real estate team. With this book, you will:

- Discover how to create a viral goal that spreads throughout your team and drives change
- Learn to focus on core activities that result in the majority of your growth and productivity
- Cultivate personal responsibility with public accountability and accelerate growth with a custom team dashboard that measures metrics for success

Written for real estate agents, teams, brokerages and franchise owners, *The High-Performing Real Estate Team* is an indispensable resource that will guide you toward growth while providing you with the resources and downloadable materials to reach your goals faster.

NOVEMBER 2021 256PP
978-1-119-80185-6 PB \$28.00 (Japan)
Property & Real Estate

The 12 Week Year for Writers

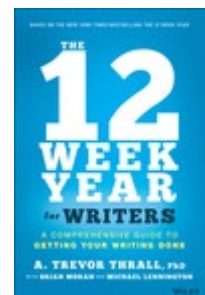
A Comprehensive Guide to Getting Your Writing Done

A. TREVOR THRALL, BRIAN P. MORAN & MICHAEL LENNINGTON

Praise for *The 12 Week Year for Writers*

"We writers are a peculiar bunch, so I am impressed how Trevor manages to bridge high-performance practices into our creative world and make it feel natural. This book will help practitioners of *The 12 Week Year for Writers* method feel in charge of their writing projects and make continuous progress. That is a remarkable feat."

--CHRISTIAN TIETZE, writer, app developer, and Zettelkasten zealot



A Note From the Creators of *The 12 Week Year*

"We wrote the first version of our *New York Times* bestseller, *The 12 Week Year*, in just 12 weeks using our own system. Since then, we've helped people and companies all over the world to unlock their capabilities and accomplish more. With this new book *The 12 Week Year* has been adapted specifically for the challenges of writers.

If you are a student, a professional, a full time author, or you just love to write, this book is for you. Get it, study it, apply it, and you will cut months, (maybe even years), off the time it takes to produce your best work."

--Brian Moran and Michael Lennington, authors of *The 12 Week Year*

NOVEMBER 2021 288PP
978-1-119-81743-7 CL \$26.00 (Japan)
Business & Management Special Topics

Confessions of a Recovering Engineer

Transportation for a Strong Town

CHARLES L. MAROHN JR.

Discover insider secrets of how America's transportation system is designed, funded, and built -- and how to make it work for your community

In *Confessions of a Recovering Engineer: Transportation for a Strong Town*, renowned speaker and author of *Strong Towns* Charles L. Marohn Jr. delivers an accessible and engaging exploration of America's transportation system, laying bare the reasons why it no longer works as it once did, and how to modernize transportation to better serve local communities.

You'll discover real-world examples of poor design choices and how those choices have dramatic and tragic effects on the lives of the people who use them. You'll also find case studies and examples of design improvements that have revitalized communities and improved safety.

This important book shows you:

- The values of the transportation professions, how they are applied in the design process, and how those priorities differ from those of the public.
- How the standard approach to transportation ensures the maximum amount of traffic congestion possible is created each day, and how to fight that congestion on a budget.
- Bottom-up techniques for spending less and getting higher returns on transportation projects, all while improving quality of life for residents.

Perfect for anyone interested in why transportation systems work -- and fail to work -- the way they do, *Confessions of a Recovering Engineer* is a fascinating insider's peek behind the scenes of America's transportation systems.



NOVEMBER 2021 272PP
978-1-119-69929-3 CL \$25.00 (Japan)
Business & Management Special Topics

The Dogfish Head Book

25 Years of Off-Centered Adventures

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

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

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

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

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

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

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



NOVEMBER 2021 400PP
978-1-119-64957-1 CL \$35.00 (Japan)
Business & Management Special Topics

土木工学

Construction Risk Management Decision Making

Understanding Current Practices

ALEX C. ARTHUR

The purpose of this book is to address the gaps in current construction management publications using theories and concepts from systems thinking and behavioural science. By looking at risk and decision making from a broader perspective and focussing on the behaviour patterns of the people in the industry, rather than quantitative techniques and data, the book will highlight current practices of construction risk management decision making so that they can be readily understood by practitioners, researchers and advanced students.

NOVEMBER 2021 288PP
978-1-119-69300-0 CL \$95.00 (Japan)
Construction Management

Building Services Design and Management

The Practitioner's Guide

JACKIE PORTMAN

A highly illustrated, practical guide to cover the principles, practices, and processes of building services design, supported by up-to-date examples throughout. With a focus on answering all the questions that practitioners face about programme management, utilities infrastructure and management, building handover, design management issues, and more, the book expands on new topics such as changing practices and current technologies on constructions sites.

NOVEMBER 2021 544PP
978-1-119-72119-2 PB \$75.00 (Japan)
Building Maintenance & Services

Sustainable Construction

Green Building Design and Delivery, 5th Edition

CHARLES J. KIBERT

University of Florida, Gainesville

Discover the latest edition of the leading textbook on sustainable construction and green buildings

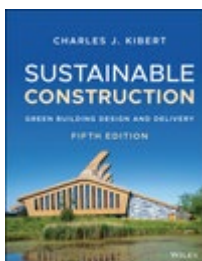
In the newly revised Fifth Edition of *Sustainable Construction: Green Building Design and Delivery*, the late Dr. Charles J. Kibert delivers a rigorous overview of the design, construction, and operation of high-performance green buildings. In the leading textbook on sustainable building, the author provides thoroughly updated information on everything from materials selection to building systems.

Updated to reflect the latest building codes and standards, including LEED v4.1, the book offers readers coverage of international green building codes and standards, biomimicry, ecological design, focused assessment systems like SITES, EDGE, WELL, and Fitwell, and sustainable construction resilience. Readers will learn to think critically about all aspects of green building and benefit from the inclusion of:

- A thorough introduction to sustainable construction, including the landscape for green buildings, sustainable development, sustainable design, and the rationale for high-performance green buildings
- An exploration of the foundations of green buildings, including biomimicry and ecological design, basic concepts and vocabulary, and the green building movement
- Practical discussions of ecological design, including a historical perspective, contemporary ecological design
- In-depth examinations of high-performance green building assessment, including focused assessment systems and international building assessment systems

Perfect for upper level undergraduate and graduate level students in architecture, architectural technology, civil engineering, and construction management, *Sustainable Construction* is also an indispensable resource for anyone studying for the LEED Green Associate exam, as well as industry professionals and building owners.

NOVEMBER 2021 672PP
978-1-119-70645-8 CL \$105.00 (Japan)
CONSTRUCTION: SUSTAINABILITY



化学工学

Innovative Approaches towards Ecological Coal Mining and Utilization

JIUPING XU, HEPING XIE & CHENGWEI LV

This book focuses on the ecological problems such as environmental pollution and carbon emissions reduction caused by coal mining and utilization. The comprehensive approaches including modelling of coal engineering issues, design of innovative coal engineering systems, evaluation of the innovative systems are illustrated. Such approaches and methodology make full consideration for both technical feasibility and economic feasibility. The book is useful for environmental and energy engineering researchers both in academic and industrial, process engineers and scientists, management science researchers, relevant authorities, and graduate students in universities and institutions.



NOVEMBER 2021 485PP
978-3-527-34692-9 CL \$175.00 (Japan)
Process Engineering

Waste Heat Recovery in Process Industries

HUSSAM JOUHARA

This book discusses all relevant technologies for waste heat recovery from waste heat boilers to thermal storage. The applications are split into low, medium and high temperature ranges, each is discussed with selected case studies from the industry.

NOVEMBER 2021 250PP 978-3-527-34856-5 CL \$115.00 (Japan)
Process Intensification & Integration

Process Plant Operations Human Factors Handbook

A Guide for Improving Process Safety and Overall System Performance

CCPS (CENTER FOR CHEMICAL PROCESS SAFETY)

The aim of this book is to help supervisors, managers and engineers incorporate Human Factors principles and practices in the design of processes and work tasks performed by plant maintenance and operations workers, enabling everyone to perform their work safely and effectively.

The scope of this book covers all Human Factors subjects as applicable to the process industries, including using the framework of Crew Resource Management (CRM) which is used in the aviation industry. Although the primary focus is on Human Factors applications for plant operations and maintenance, it also covers the applications in the plant design phase, which must consider how lack of Human Factors considerations during the engineering design phase can adversely affect safety during operations and maintenance.

Each Human Factors concept is introduced enlivened with anecdotes and case studies of real events from the process industries to illustrate key aspects of Human Factors.

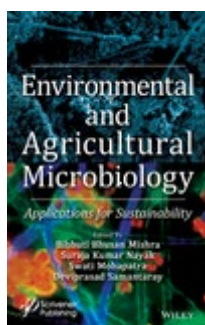
NOVEMBER 2021 UnknownPP
978-1-119-64049-3 CL \$135.00 (Japan)
Process Safety

Environmental and Agricultural Microbiology

Applications for Sustainability

EDITOR BIBHUTI BHUSAN MISHRA, EDITOR SURAJA KUMAR NAYAK, EDITOR SWATI MOHAPATRA & EDITOR DEVIPRASAD SAMANTARAY

The book, *Environmental and Agricultural Microbiology: Applications for Sustainability* is divided in to two parts which embodies chapters on sustenance and life cycles of these microorganisms in various environmental conditions, their dispersal, interactions with other inhabited communities, metabolite production and reclamation. Though books pertaining to soil & agricultural microbiology/environmental biotechnology are available, there is a dearth of comprehensive literature on behavior of microorganisms in environmental and agricultural realm. Part 1 includes bioremediation of agrochemicals by microalgae, detoxification of chromium and other heavy metals by microbial biofilm, microbial biopolymer technology including polyhydroxyalkanoates (PHAs) and polyhydroxybutyrates (PHB), their production, degradability behaviors and applications. Biosurfactants production and their commercial importance are also systematically represented in this part. Part 2 having 9 chapters and facilitates imperative ideas on approaches for sustainable agriculture through functional soil microbes, next generation crop improvement strategies via rhizosphere microbiome, production and implementations of liquid biofertilizers, mitigation of methane from livestock, chitinases from microbes, extremozymes, an enzyme from extremophilic microorganism and their relevance in current biotechnology, lithobiontic communities and their environmental importance have been comprehensively elaborated. In the era of sustainable energy production biofuel and other bioenergy products play a key role and their production from microbial sources are frontiers for researchers. The last chapter unveils the importance of microbes and their consortia for management of solid waste in amalgamation with biotechnology.



NOVEMBER 2021 464PP
978-1-119-52623-0 CL \$225.00 (Japan)
Apparatus & Plant Technology

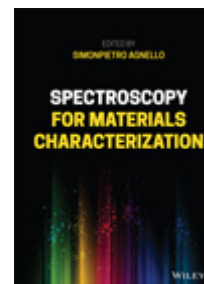
化学

Spectroscopy for Materials Characterization

SIMONPIETRO AGNELLO

SPECTROSCOPY FOR MATERIALS CHARACTERIZATION

Learn foundational and advanced spectroscopy techniques from leading researchers in physics, chemistry, surface science, and nanoscience



In *Spectroscopy for Materials Characterization*, accomplished researcher *Simonpietro Agnello* delivers a practical and accessible compilation of various spectroscopy techniques taught and used to today. The book offers a wide-ranging approach taught by leading researchers working in physics, chemistry, surface science, and nanoscience. It is ideal for both new students and advanced researchers studying and working with spectroscopy.

Topics such as confocal and two photon spectroscopy, as well as infrared absorption and Raman and micro-Raman spectroscopy, are discussed, as are thermally stimulated luminescence and spectroscopic studies of radiation effects on optical materials.

Each chapter includes a basic introduction to the theory necessary to understand a specific technique, details about the characteristic instrumental features and apparatuses used, including tips for the appropriate arrangement of a typical experiment, and a reproducible case study that shows the discussed techniques used in a real laboratory.

Perfect for Master and Ph.D. students and researchers in physics, chemistry, engineering, and biology, *Spectroscopy for Materials Characterization* will also earn a place in the libraries of materials science researchers and students seeking a one-stop reference to basic and advanced spectroscopy techniques.

NOVEMBER 2021 496PP
978-1-119-69732-9 CL \$170.00 (Japan)
Spectroscopy

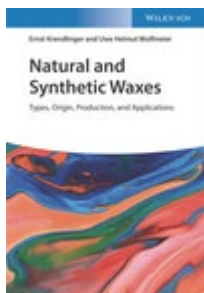
Natural and Synthetic Waxes

Types, Origin, Production, and Applications

ERNST KRENDLINGER

With over 20 years of experience as technology and R&D manager in the industry, Ernst Krendlinger collates here all the relevant information on basic wax properties and processing technologies otherwise scattered across the literature and company brochures.

After a general introduction, he provides an overview of the chemistry of waxes including their composition, molecular structure and analysis. In addition, he discusses such physical properties as carbon chain length distribution, dropping point and acid number. Subsequent chapters deal with synthetic waxes from Fischer-Tropsch processes, paraffin and amide waxes as well as diverse wax blends and emulsions, summarizing how these waxes are produced and applied. The final chapter looks at natural waxes and their technical importance in industry, covering their production, properties and market situation. This only up-to-date reference on the topic is essential reading in terms of the physical data as well as parameters and correlations, combining all the information necessary for the analysis and application of synthetic and natural wax compounds.



NOVEMBER 2021 550PP
978-3-527-34222-8 CL \$193.99 (Japan)
Industrial Chemistry

Biotechnology for Zero Waste

Emerging Waste Management Techniques

EDITOR CHAUDHERY MUSTANSAR HUSSAIN & EDITOR RAVI
KUMAR KADEPPAGARI

NJIT, Dept of Chemistry and Environmental Sciences

This book articulates the role of biotechnology in reducing waste, thereby envisaging a zero-waste environment. It explains perspectives in waste management like anaerobic co-digestion, integrated biosystems, immobilized enzymes, zero waste biorefineries, microbial fuel cell technology, membrane bioreactors, nano biomaterials, etc. This book is invaluable for those interested and working in sustainability. So far, there is no book that comprehensively sums up the state of the art of these bio-based technologies in shaping the future of reuse, recycling and recovery of value-added substances. It includes modern technologies of bioconversion and biotransformation along with detailing the concept of circular economy. In a nutshell, it efficiently guides on the path to sustainable products from waste.



NOVEMBER 2021 450PP
978-3-527-34898-5 CL \$155.00 (Japan)
Biotechnology (Chemistry)

Anion-Binding Catalysis

EDITOR OLGA GARCIA-MANCHENO

Aimed at assisting the reader in evaluating the power and potential of anion-binding catalysis, the book covers the most important type of anions and catalyst structures involved as well as synthetic applications and practical analytical methods.

NOVEMBER 2021 300PP
978-3-527-34857-2 CL \$165.00 (Japan)
Catalysis

The Fundamentals of Clinical Research

A Universal Guide for the Implementation of Good Clinical Practice

P. MICHAEL DUBINSKY & KAREN A. HENRY

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



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

NOVEMBER 2021 UnknownPP
978-1-118-94959-7 CL \$175.00 (Japan)
Drug Discovery & Development

Physiologically-Based Pharmacokinetic (PBPK) Modeling and Simulations

Principles, Methods, and Applications in the Pharmaceutical Industry, 2nd Edition

SHEILA ANNIE PETERS

Physiologically-Based Pharmacokinetic (PBPK) Modeling and Simulations

The first book dedicated to the emerging field of physiologically-based pharmacokinetic modeling (PBPK)

Now in its second edition, *Physiologically Based Pharmacokinetic (PBPK) Modelling and Simulations: Principles, Methods, and Applications in the Pharma Industry* remains the premier reference book throughout the rapidly growing PBPK user community. Using clear and concise language, author Sheila Annie Peters connects theory with practice as she explores the vast potential of PBPK modeling for improving drug discovery and development.

This fully updated new edition covers key developments in the field of PBPK modelling and simulations that have emerged in recent years. A brand-new section provides case studies in different application areas of PBPK modelling, including drug-drug interaction, genetic polymorphism, renal impairment, and pediatric extrapolation. Additional chapters address topics such as model-informed drug development (MIDD) and expose readers to a wide range of current applications in the field. Throughout the book, substantially revised chapters simplify complex topics and offer a balanced view of both the opportunities and challenges of PBPK modelling.

Physiologically-Based Pharmacokinetic (PBPK) Modeling and Simulations: Principles, Methods, and Applications in the Pharmaceutical Industry, Second Edition is an indispensable single-volume resource for beginning and intermediate practitioners across the pharmaceutical sciences in both industry and academia.

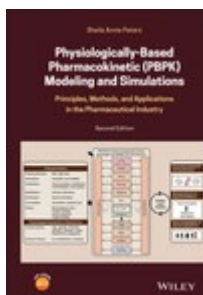
NOVEMBER 2021 592PP
978-1-119-49768-4 CL \$180.00 (Japan)
DRUG DISCOVERY & DEVELOPMENT

Basic Biopharmaceutics

HANNAH BATCHELOR

SERIES: ADVANCES IN PHARMACEUTICAL TECHNOLOGY

NOVEMBER 2021 352PP
978-1-119-67828-1 CL \$120.00 (Japan)
Biopharmaceuticals & Pharmaceutical Biotechnology

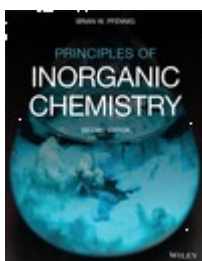


Principles of Inorganic Chemistry

2nd Edition

BRIAN W. PFENNIG

This text is designed for undergraduates and introductory-level graduate students taking an inorganic or advanced inorganic chemistry course. It appeals to instructors looking for a more physical inorganic chemistry course. Written in an informal and engaging style, the author includes in-chapter worked problems, explains difficult concepts in simplistic terms, and deposits some mathematical derivations into "in-depth" boxes within the chapter or appendices. The largest change between this edition and the previous is a pedagogical restructuring of the material in a more logical order and the gradual development of underlying concepts as one progresses through the textbook. Several introductory chapters are streamlined and combined from the 1st edition, others are updated, and there is greater emphasis on molecular orbital depictions of organometallic transformations. New to this edition are an increased emphasis on the comparison of the strengths and weaknesses of different models, the interconnectedness of VBT (valence bond theory) and MOT (molecular orbital theory), and a more thorough discussion of the atoms in molecules topological model. In addition, there are more end-of-chapter problems and a solutions guide for adopting instructors.



NOVEMBER 2021 UnknownPP
978-1-119-65032-4 PB \$150.00 (Japan)
INORGANIC CHEMISTRY

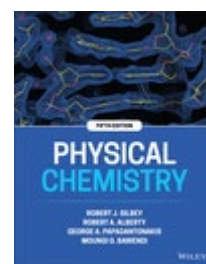
Physical Chemistry

5th Edition

ROBERT J. SILBEY, ROBERT A. ALBERTY, MOUNGI G. BAWENDI
& GEORGE A. PAPADANTONAKIS

Massachusetts Institute of Technology; Massachusetts
Institute of Technology; Massachusetts Institute of
Technology

Ever since **Physical Chemistry** was first published in 1913, it has remained a highly effective and relevant learning tool thanks to the efforts of physical chemists from all over the world. Each new edition has benefited from their suggestions and expert advice. The result of this remarkable tradition is now in your hands.



NOVEMBER 2021 UnknownPP
978-0-470-56660-2 PB \$166.95 (Japan)
PHYSICAL CHEMISTRY

Solid State Chemistry and its Applications

2nd Edition

ANTHONY R. WEST

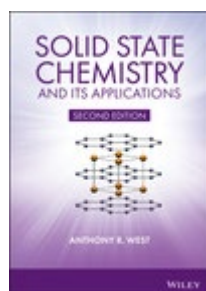
University of Aberdeen

A comprehensive treatment of solid state chemistry complete with supplementary material and full colour illustrations from a leading expert in the field.

Solid State Chemistry and its Applications, Second Edition delivers an advanced version of West's classic text in solid state chemistry, expanding on the undergraduate *Student Edition* to present a comprehensive treatment of solid state chemistry suitable for advanced students and researchers. The book provides the reader with an up-to-date account of essential topics in solid state chemistry and recent developments in this rapidly developing field of inorganic chemistry.

Featuring full color illustrations throughout, readers will also benefit from online supplementary materials including access to CrystalMaker® software and over 100 interactive crystal structure models.

Perfect for advanced students seeking a detailed treatment of solid state chemistry, this new edition of *Solid State Chemistry and its Applications* will also earn a place as a desk reference in the libraries of experienced researchers in chemistry, crystallography, physics, and materials science.



NOVEMBER 2021 864PP
978-1-118-44744-4 CL \$110.00 (Japan)
SOLID STATE CHEMISTRY

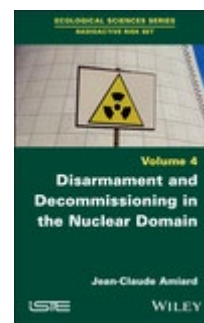
Disarmament and Decommissioning in the Nuclear Domain

JEAN-CLAUDE AMIARD

Following the acquisition of the atomic bomb by five states, the United Nations began drafting several treaties to limit nuclear proliferation. These efforts failed, as four more states also acquired nuclear weapons. In a similar vein, an attempt to limit atomic weapons - primarily within the two superpowers - was initiated.

While the number of weapons has decreased, the new bombs now being manufactured are more powerful and more precise, negating any reduction in numbers. In the field of civil nuclear use, all nuclear facilities (reactors, factories, etc.) have a limited lifespan. Once a plant is permanently shut down, these facilities must be decommissioned and dismantled.

These operations are difficult, time-consuming and costly. In addition, decommissioning generates large volumes of radioactive waste of various categories, including long-lived and high-activity waste. Risks to the environment and to health are not negligible during decommissioning. The International Atomic Energy Agency (IAEA) and the Nuclear Energy Agency (NEA) of the Organisation for Economic Co-operation and Development (OECD) have produced numerous publications with recommendations. Each state has its own decommissioning strategy (immediate or delayed) and final plan for the site - whether it be returning it to greenfield status or obtaining a nuclear site license with centuries-long monitoring.



NOVEMBER 2021 352PP
978-1-78630-721-7 CL \$165.00 (Japan)
Nuclear and Radiochemistry

Sustainable Practices in the Textile Industry

EDITOR LUQMAN JAMEEL RATHER, EDITOR AMINODDIN HAJI &
EDITOR MOHD SHABBIR

The increasing environmental and health concerns owing to the use of large quantities of water and hazardous chemicals in conventional textile finishing processes has led to the design and development of new dyeing strategies and technologies. *Sustainable Practices in the Textile Industry* comprises 13 chapters from various research areas dealing with the application of different sustainable technologies for enhancing the dyeing and comfort properties of textile materials with substantial reduction in wastewater problems. Chapters focus on the sophisticated methods for improving dye extraction and dyeing properties which will minimize the use of bioresource products. This book also brings out the innovative ways of wet chemical processing to alleviate the environmental impacts arising from this sector. This book also discusses innovations in eco-friendly methods for textile wet processes and applications of enzymes in textiles in addition to the advancements in the use of nanotechnology for wastewater remediation.



NOVEMBER 2021 356PP
978-1-119-81888-5 CL \$195.00 (Japan)
Sustainable Chemistry & Green Chemistry

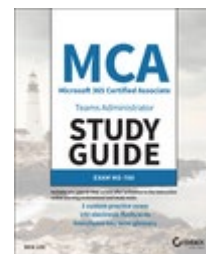
コンピューティング

MCA Microsoft 365 Teams Administrator Study Guide

Exam MS-700

BEN LEE

This Study Guide helps you understand the job role and responsibilities of a Microsoft 365 Teams Administrator. It's your one-stop resource for learning new skills, preparing to take the exam, and boosting your career!



Cloud technology has become a major component of how services are delivered to customers. It's creating new roles and expanding others in all areas of technology. The Microsoft 365 Certified Associate Teams Administrator certification shows you're keeping pace with today's technology. *MCA Microsoft 365 Certified Teams Administrator Study Guide* is your best resource for understanding the job roles and responsibilities of a Teams Administrator and preparing to take the certification Exam MS-700.

Microsoft 365 Teams Administrators focus on efficient and effective collaboration and communication in an enterprise environment. This Study Guide can help you understand best practices for configuring, deploying, and managing Office 365 workloads for Microsoft Teams that focus on efficient and effective collaboration and communication in an enterprise environment. Test your knowledge of all key exam objectives, including planning, deploying, and managing Teams chat, apps, channels, meetings, audio conferencing, live events, and calling. This Sybex Study Guide also covers upgrading from Skype for Business to Teams, managing Teams settings by using PowerShell, and understanding integration points with other apps and services.

Readers will also have access to Sybex's online test bank, including hundreds of practice questions, flashcards, and a glossary. Take your career to a new level with this Study Guide!

NOVEMBER 2021 408PP
978-1-119-77334-4 PB \$60.00 (Japan)
Operating Systems / Microsoft Windows

コミュニケーション

Mediated Death

JOHANNA SUMIALA

READERSHIP: Scholars, advanced undergraduates and graduates of media studies, sociology, anthropology, cultural studies and history. Relevant courses include those related to digital/social media; media and religion; mediatisation.



NOVEMBER 2021 180PP
978-1-5095-4453-0 CL \$69.95 (Japan)
978-1-5095-4454-7 PB \$24.95 (Japan)
Media Studies

Digital Universe

The Global Telecommunication Revolution

2nd Edition

PETER B. SEEL

Colorado State University, USA

An illuminating examination of the benefits and drawbacks of global, digital communication

In this newly revised Second Edition of *Digital Universe: The Global Telecommunication Revolution*, journalism

and digital telecommunication expert Peter B. Seel delivers a fascinating and insightful exploration of digital communication technologies and their substantial effects on contemporary life. This book traces the evolution of digital information and communication tools used around the world, from undersea telegraph cables to the newest mobile phones.



Digital Universe introduces readers to important inventors, scientists, artists, and thinkers in its discussions of the history and socio-cultural effects of technology adoption. It offers an accessible tour of the global digital universe and provides new perspectives and critical observations on mediated human communication.

Perfect for undergraduate and graduate students in journalism, technical communication, speech communication, technology history, sociology, anthropology, computer information systems, and education; it provides the latest data on innovations in telecommunication. The second edition of *Digital Universe: The Global Telecommunication Revolution* will be an invaluable resource for anyone with an interest in the evolution of the internet, new telecommunication technologies, communication privacy and surveillance, the rise of social media, and the consequences of the diffusion of information and communication technologies.

NOVEMBER 2021 300PP
978-1-119-63094-4 PB \$69.95 (Japan)
MASS COMMUNICATION

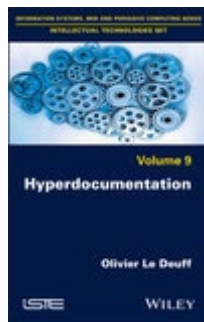
コンピュータサイエンス

Hyperdocumentation

OLIVIER LE DEUFF

Bordeaux Montaigne University, France

The term "hyperdocumentation" is a hyperbole that seems to characterize a paradox. The leading discussions on this topic bring in diverse ideas such as that of data, the fantasy of Big Data, cloud computing, artificial intelligence, algorithmic processing, the flow of information and the outstanding successes of disinformation.



The purpose of this book is to show that the current context of documentation is just another step in human construction that has been ongoing for not centuries but millennia and which, since the end of the 19th century, has been accelerating. Coined by Paul Otlet in 1934 in his *Traite de Documentation*, "hyperdocumentation" refers to the concept of documentation that is constantly being expanded and extended in its functionalities and prerogatives.

While, according to Otlet, everything could potentially be documented in this way, increasingly we find that it is our lives that are being hyperdocumented. Hyperdocumentation manifests as an increase not only in the quantity of information that is processed but also in its scope, as information is progressively integrated across areas that were previously poorly documented or even undocumented.

NOVEMBER 2021 UnknownPP
978-1-78630-644-9 CL \$165.00 (Japan)
Information Technologies

Fight Fire with Fire

Proactive Cybersecurity Strategies for Today's Leaders

RENEE TARUN

Organizations around the world are in a struggle for survival, racing to transform themselves in a herculean effort to adapt to the digital age, all while protecting themselves from headline-grabbing cybersecurity threats. As organizations succeed or fail, the centrality and importance of cybersecurity and the role of the CISO--Chief Information Security Officer--becomes ever more apparent. It's becoming clear that the CISO, which began as a largely technical role, has become nuanced, strategic, and a cross-functional leadership position.

Fight Fire with Fire: Proactive Cybersecurity Strategies for Today's Leaders explores the evolution of the CISO's responsibilities and delivers a blueprint to effectively improve cybersecurity across an organization.

With fires blazing on the horizon, there is no time for a seminar or boot camp. Cyber leaders need information at their fingertips. Readers will find insight on how to close the diversity and skills gap and become well-versed in modern cyber threats, including attacks coming from organized crime and nation-states. This book highlights a three-pronged approach that encompasses people, process, and technology to empower everyone to protect their organization. From effective risk management to supply chain security and communicating with the board, *Fight Fire with Fire* presents discussions from industry leaders that cover every critical competency in information security.

Perfect for IT and information security professionals seeking perspectives and insights they can't find in certification exams or standard textbooks, *Fight Fire with Fire* is an indispensable resource for everyone hoping to improve their understanding of the realities of modern cybersecurity through the eyes of today's top security leaders.

NOVEMBER 2021 288PP
978-1-119-85426-5 CL \$29.99 (Japan)
Networking / Security

Security and its Challenges in the 21st Century

CLAUDINE GUERRIER

By the year 2000, a balance was sought between security requirements and a respect for privacy, as well as for individual and collective freedoms. As we progress further into the 21st century, however, security is taking precedence within an increasingly controlled society.

This shift is due to advances in innovative technologies and the investments made by commercial companies to drive constant technological progress. Despite the implementation of the General Data Protection Regulation (GDPR) within the EU in 2018 or 2020's California Consumer Privacy Act (CCPA), regulatory bodies do not have the ability to fully manage the consequences presented by emerging technologies. *Security and Its Challenges in the 21st Century* provides students and researchers with an international legal and geopolitical analysis; it is also intended for those interested in societal development, artificial intelligence, smart cities and quantum cryptology.



NOVEMBER 2021 UnknownPP
978-1-78630-621-0 CL \$165.00 (Japan)
Networking / Security

Professional C# and .NET

2021 Edition

CHRISTIAN NAGEL

Get the latest coverage of the newest features in C#9 and .NET 5

In *Professional C# and .NET: 2021 Edition*, Microsoft MVP for Visual Studio and Development Technologies and veteran developer, Christian Nagel, delivers a comprehensive tour of the new features and capabilities of C#9 and .NET 5.



Experienced programmers making the transition to C# will benefit from the author's in-depth explorations to create Web- and Windows applications using ASP.NET Core, Blazor, and WinUI using modern application patterns and new features offered by .NET including Microservices deployed to Docker images, GRPC, localization, asynchronous streaming, and much more.

The book also offers:

- Discussions of the extension of .NET to non-Microsoft platforms like OSX and Linux
- Explanations of the newest features in C#9, including support for record types, and enhanced support for tuples, pattern matching, and nullable reference types
- Integrating .NET applications with Microsoft Azure services such as Azure App Configuration, Azure Key Vault, Azure Functions, the Azure Active Directory, and others
- Downloadable code examples from wrox.com and github.com with online updates for C# 10 and .NET 6

Perfect for programmers with a background in C#, Visual Basic, Java, or C/C++, *Professional C# and .NET: 2021 Edition* will also earn a place in the libraries of software architects seeking an up-to-date and fulsome treatment of the latest C# and .NET releases.

NOVEMBER 2021 1008PP
978-1-119-79720-3 PB \$60.00 (Japan)
PROGRAMMING / C & C++

Beginning Programming with Java For Dummies

6th Edition

BARRY BURD, MADISON, UNITED STATES

Drew University, Madison, NJ

Become a Java wizard with this popular programming guide

Consider *Beginning Programming with Java For Dummies* your indispensable guide to learning how to program in one of the most popular programming languages--Java! Java is an invaluable language to master, as it's widely used for application development, including Android, desktop, and server-side applications.



Beginning Programming with Java For Dummies is written specifically for newbies to programming. The book starts with an overview of computer programming and builds from there; it explains the software you need, walks you through writing your own programs, and introduces you to a few of the more-complex aspects of programming in Java. It also includes step-by-step examples you can try on your own (and email the author if you need help). As you work through the book, you'll get smart about these Java features:

- Object-oriented programming (OOP), a Java mainstay
- IntelliJ IDEA, an integrated development environment (IDE), that gives you one place to do all your programming, including debugging code
- Loops, branches, and collections
- Variables and operators
- Expressions, statements, and blocks

Beginning Programming with Java For Dummies translates all this foreign programming and computer syntax into plain English, along with plenty of helpful examples and tips. Learning a new language--and coding is definitely its own language--should be a fun endeavor. With this book as your handy interpreter, you'll be on your way to fluency, speaking the language of coders everywhere!

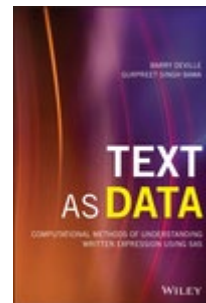
NOVEMBER 2021 UnknownPP
978-1-119-80691-2 PB \$29.99 (Japan)
OBJECT TECHNOLOGIES - JAVA

Text as Data

Computational Methods of Understanding Written Expression Using SAS

BARRY DEVILLE & GURPREET SINGH BAWA

The need for powerful, accurate and increasingly automatic text analysis software in modern information technology has dramatically increased. Fields as diverse as financial management, fraud and cybercrime prevention, Pharmaceutical R&D, social media marketing, customer care, and health services are implementing more comprehensive text-inclusive, analytics strategies. *Text as Data: Computational Methods of Understanding Written Expression Using SAS* presents an overview of text analytics and the critical role SAS software plays in combining linguistic and quantitative algorithms in the evolution of this dynamic field. Drawing on over two decades of experience in text analytics, authors Barry deVill and Gurpreet Singh Bawa examine the evolution of text mining and cloud-based solutions, and the development of SAS Visual Text Analytics. By integrating quantitative data and textual analysis with advanced computer learning principles, the authors demonstrate the combined advantages of SAS compared to standard approaches, and show how approaching text as qualitative data within a quantitative analytics framework produces more detailed, accurate, and explanatory results.



This book offers a thorough introduction to the framework and dynamics of text analytics--and the underlying principles at work--and provides an in-depth examination of the interplay between qualitative-linguistic and quantitative, data-driven aspects of data analysis. The treatment begins with a discussion on expression parsing and detection and provides insight into the core principles and practices of text parsing, theme, and topic detection. It includes advanced topics such as contextual effects in numeric and textual data manipulation, fine-tuning text meaning and disambiguation. As the first resource to leverage the power of SAS for text analytics, *Text as Data* is an essential resource for SAS users and data scientists in any industry or academic application.

SERIES: WILEY AND SAS BUSINESS SERIES

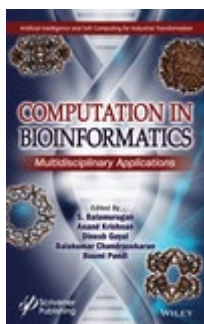
NOVEMBER 2021 208PP
978-1-119-48712-8 CL \$60.00 (Japan)
Business Data Processing

Computation in Bioinformatics

Multidisciplinary Applications

S. BALAMURUGAN, ANAND T. KRISHNAN, DINESH GOYAL,
BALAKUMAR CHANDRASEKARAN & BOOMI PANDI

Bioinformatics is a platform between the biology and information technology. The book covers a broad spectrum of the bioinformatics fields starting from the basic principles, concepts, and multidisciplinary application areas. It comprises a collection of chapters describing the role of bioinformatics in drug design and discovery including the molecular modeling aspects; chapters detailing topics such as silico design, protein modeling, DNA Microarray Analysis, DNA-RNA barcoding, gene sequencing; specialized topics such as bioinformatics in cancer detection, genomics, proteomics, machine learning, covalent approaches in drug design



NOVEMBER 2021 340PP
978-1-119-65471-1 CL \$195.00 (Japan)
Data Mining & Knowledge Discovery

Data Science For Dummies

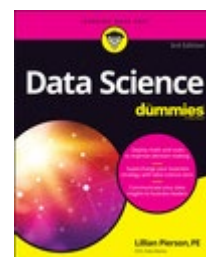
3rd Edition

LILLIAN PIERSON, HOUSTON, UNITED STATES

Data-Mania

**Make smart business decisions with
your data by design!**

Take a deep dive to understand how developing your data science dogma can drive your business--ya dig? Every phone, tablet, computer, watch, and camera generates data--we're overwhelmed with the stuff. That's why it's become increasingly important that you know how to derive useful insights from the data you have to understand which piece of data in the sea of data is important and which isn't (trust us: not as scary as it sounds!), and to rely on said data to make critical business decisions. Enter the world of data science: the practice of using scientific methods, processes, and algorithms to gain knowledge and insights from any type of data.



Data Science For Dummies provides a comprehensive introduction in that friendly and approachable way you've come to know from Dummies. Your new go-to guide breaks down this vast topic into three smaller parts--big data, data science, and data engineering--and then shows you how to combine those areas to produce value and make informed decisions to drive business growth. It's also filled with real-world examples and applications that you can apply to your situation.

Whether you're a professional or a student, *Data Science For Dummies* will get you caught up on all the latest data trends. Find out how to ask the pressing questions you need your data to answer by picking up your copy today.

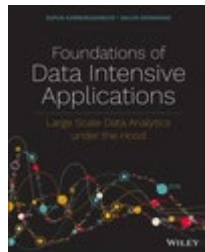
NOVEMBER 2021 UnknownPP
978-1-119-81155-8 PB \$34.99 (Japan)
DATA MINING & KNOWLEDGE DISCOVERY

Foundations of Data Intensive Applications

Large Scale Data Analytics under the Hood

SUPUN KAMBURUGAMUVA & SALIYA EKANAYAKE

There is an ever increasing need to store this data, process them and incorporate the knowledge into everyday business operations of the companies. Before big data systems, there were high performance systems designed to do large calculations. Around the time big data became popular, high performance computing systems were mature enough to support the scientific community. But they weren't ready for the enterprise needs of data analytics. Because of the lack of system support for big data systems at that time, there was a large number of systems created to store and process data. These systems were created according to different design principles and some of them thrived through the years while some didn't succeed. Because of the diverse nature of systems and tools available for data analytics, there is a need to understand these systems and their applications from a theoretical perspective. These systems are masking the user from underlying details, and they use them without knowing how they work. This works for simple applications but when developing more complex applications that need to scale, users find themselves without the required foundational knowledge to reason about the issues. This knowledge is currently hidden in the systems and research papers.



This book defines these foundational components of large scale, distributed data processing systems and go into details independently of specific frameworks. It draws examples of current systems to explain how these principles are used in practice. Major design decisions around these foundational components define the performance, type of applications supported and usability. One of the goals of the book is to explain these differences so that readers can take informed decisions when developing applications. Further it will help readers to acquire in-depth knowledge and recognize problems in their applications such as performance issues, distributed operation issues, and fault tolerance aspects. This book aims to use state of the art research when appropriate to discuss some ideas and future of data analytics tools.

NOVEMBER 2021 416PP
978-1-119-71302-9 PB \$55.00 (Japan)
Data Mining & Knowledge Discovery

Cognitive Intelligence and Big Data in Healthcare

D. SUMATHI, T. POONGODI, S. BALAMURUGAN & R. LAKSHMANA KUMAR

SERIES: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING
FOR INDUSTRIAL TRANSFORMATION

NOVEMBER 2021 UnknownPP
978-1-119-76888-3 CL \$195.00 (Japan)
Artificial Intelligence

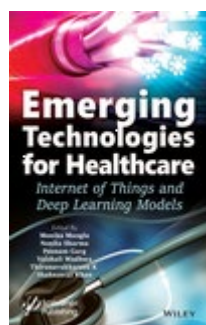
Emerging Technologies for Healthcare

Internet of Things and Deep Learning Models

EDITOR MONIKA MANGLA, EDITOR NONITA SHARMA, EDITOR POONAM GARG, EDITOR VAISHALI WADHWA, EDITOR THIRUNAVUKKARASU K & EDITOR SHAHNAWAZ KHAN

"Emerging Technologies for Healthcare" begins with an IoT-based solution for the automated healthcare sector which is enhanced to provide solutions with advanced deep learning techniques.

The book provides feasible solutions through various machine learning approaches and applies them to disease analysis and prediction. An example of this is employing a three-dimensional matrix approach for treating chronic kidney disease, the diagnosis and prognostication of acquired demyelinating syndrome (ADS) and autism spectrum disorder, and the detection of pneumonia. In addition, it provides healthcare solutions for post COVID-19 outbreaks through various suitable approaches. Moreover, a detailed detection mechanism is discussed which is used to devise solutions for predicting personality through handwriting recognition; and novel approaches for sentiment analysis are also discussed with sufficient data and its dimensions. This book not only covers theoretical approaches and algorithms, but also contains the sequence of steps used to analyze problems with data, processes, reports, and optimization techniques. It will serve as a single source for solving various problems via machine learning algorithms.



SERIES: MACHINE LEARNING IN BIOMEDICAL SCIENCE AND HEALTHCARE INFORMATICS

NOVEMBER 2021 416PP
978-1-119-79172-0 CL \$225.00 (Japan)
Artificial Intelligence

From AI to Autonomous and Connected Vehicles

Advanced Driver-Assistance Systems (ADAS)

EDITOR ABDELAZIZ BENSRAHAIR & EDITOR THIERRY BAPIN

The main topic of this book is the recent development of on-board advanced driver-assistance systems (ADAS), which we can already tell will eventually contribute to the autonomous and connected vehicles of tomorrow.

With the development of automated mobility, it becomes necessary to design a series of modules which, from the data produced by on-board or remote information sources, will enable the construction of a completely automated driving system. These modules are perception, decision and action. State-of-the-art AI techniques and their potential applications in the field of autonomous vehicles are described.

Perception systems, focusing on visual sensors, the decision module and the prototyping, testing and evaluation of ADAS systems are all presented for effective implementation on autonomous and connected vehicles.

This book also addresses cooperative systems, such as pedestrian detection, as well as the legal issues in the use of autonomous vehicles in open environments.



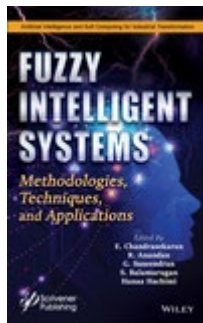
NOVEMBER 2021 UnknownPP
978-1-78630-727-9 CL \$165.00 (Japan)
Artificial Intelligence

Fuzzy Intelligent Systems

Methodologies, Techniques, and Applications

EDITOR E. CHANDRASEKARAN, EDITOR R. ANANDAN, EDITOR
SUSEENDRAN GOPALAKRISHNAN, EDITOR S. BALAMURUGAN
& EDITOR HANAA HACHIMI

Fuzzy Intelligent Systems: Methodologies, Techniques and Applications comprises state-of-the-art chapters detailing how expert systems are built and the fuzzy logic resembling human reasoning powering them. Hybrid and neuro-fuzzy intelligent systems are discussed along with Evolutionary and, in particular, Genetic Algorithms. This approach has been extended by using Multiobjective Evolutionary Algorithms, which can consider multiple conflicting objectives instead of a single one. The book also discusses the hybridization between Multiobjective Evolutionary Algorithms and Fuzzy Systems which is known as Multiobjective Evolutionary Fuzzy Systems.



SERIES: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING
FOR INDUSTRIAL TRANSFORMATION

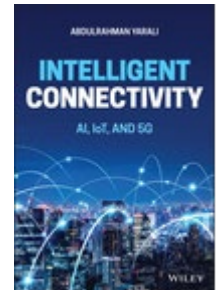
NOVEMBER 2021 480PP
978-1-119-76045-0 CL \$225.00 (Japan)
Artificial Intelligence

Intelligent Connectivity

AI, IoT, and 5G

ABDULRAHMAN YARALI

This book focuses on the fusion between the core technologies of the future ? Artificial Intelligence (AI), 5G, and the Internet of Things (IoT), exploring how they can be mutually supportive. AI, IoT, and 5G are the pillars that lead digital transformation, and the combination of super-fast 5th generation networks with AI and IoT will usher in a new age of intelligent connectivity, particularly beneficial to transportation, logistics, education, healthcare, entertainment, public safety/security and industrial and manufacturing operations. The book will offer technical and economic insights about intelligent connectivity as a key part of transformation in the 4th industrial revolution. The reader (technical and non-technical) will benefit from a comprehensive discussion of Artificial Intelligence, 5G, IoT and machine-learning and how they are vital in the period of open-source programming and moderate cloud computing.

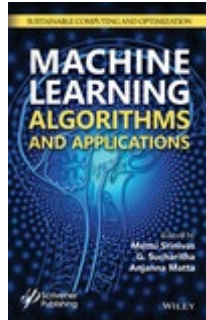


NOVEMBER 2021 368PP
978-1-119-68518-0 CL \$120.00 (Japan)
Artificial Intelligence

Machine Learning Algorithms and Applications

METTU SRINIVAS, G. SUCHARITHA & ANJANNA MATTA

Machine Learning Algorithms is for current and ambitious machine learning specialists looking to implement solutions to real-world machine learning problems. It talks entirely about the various applications of machine and deep learning techniques, with each chapter dealing with a novel approach of machine learning architecture for a specific application, and then compares the results with previous algorithms. The book discusses many methods based in different fields, including statistics, pattern recognition, neural networks, artificial intelligence, sentiment analysis, control, and data mining, in order to present a unified treatment of machine learning problems and solutions. All learning algorithms are explained so that the user can easily move from the equations in the book to a computer program.



NOVEMBER 2021 368PP
978-1-119-76885-2 CL \$195.00 (Japan)
Artificial Intelligence

Unmanned Aerial Vehicles for Internet of Things (IoT)

Concepts, Techniques, and Applications

EDITOR VANDANA MOHINDRU, EDITOR YASHWANT SINGH,
EDITOR RAVINDARA BHATT & EDITOR ANUJ KUMAR GUPTA

The 15 chapters in this book explore the theoretical as well as a number of technical research outcomes on all aspects of UAVs. UAVs has widely differing applications such as disaster management, structural inspection, goods delivery, transportation, localization, mapping, pollution and radiation monitoring, search and rescue, farming, etc. The advantages of using UAVs are countless and have led the way for the full integration of UAVs, as intelligent objects into the IoT system.

The book covers cover such subjects as:

- Efficient energy management systems in UAV based IoT networks
- IoE enabled UAVs
- Mind-controlled UAV using Brain-Computer Interface (BCI)
- The importance of AI in realizing autonomous and intelligent flying IoT
- Blockchain-based solutions for various security issues in UAV-enabled IoT
- The challenges and threats of UAVs such as hijacking, privacy, cyber-security, and physical safety.

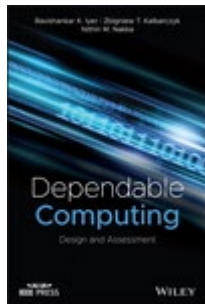
NOVEMBER 2021 320PP
978-1-119-76882-1 CL \$195.00 (Japan)
Artificial Intelligence

Dependable Computing

Design and Assessment

RAVISHANKAR K. IYER, ZBIGNIEW T. KALBARCZYK & NITHIN M. NAKKA

The only recent book on dependability/fault-tolerance that covers both software and hardware aspects of dependability, *Dependable Computing Design and Assessment* addresses the new reality of dependability. After a discussion of reliability, availability, and hardware and software fault models, the authors explore hardware redundancy, coding techniques, processor-level error detection and recovery, checkpoint and recovery, software fault tolerance techniques, and network-specific issues. Ideal for both students and practitioners, the capabilities and applicability of all techniques are illustrated with examples of actual applications and systems.



SERIES: WILEY – IEEE

NOVEMBER 2021 UnknownPP
978-1-118-70944-3 CL \$150.00 (Japan)
Parallel and Distributed Computing

8 Steps to Better Security

A Simple Cyber Resilience Guide for Business

KIM CRAWLEY

Harden your business against internal and external cybersecurity threats with a single accessible resource.

In *8 Steps to Better Security: A Simple Cyber Resilience Guide for Business*, cybersecurity researcher and writer Kim Crawley delivers a grounded and practical roadmap to cyber resilience in any organization.

Offering you the lessons she learned while working for major tech companies like Sophos, AT&T, BlackBerry Cylance, Tripwire, and Venafi, Crawley condenses the essence of business cybersecurity into eight steps.



Written to be accessible to non-technical businesspeople as well as security professionals, and with insights from other security industry leaders, this important book will walk you through how to:

- Foster a strong security culture that extends from the custodial team to the C-suite
- Build an effective security team, regardless of the size or nature of your business
- Comply with regulatory requirements, including general data privacy rules and industry-specific legislation
- Test your cybersecurity, including third-party penetration testing and internal red team specialists

Perfect for CISOs, security leaders, non-technical businesspeople, and managers at any level, *8 Steps to Better Security* is also a must-have resource for companies of all sizes, and in all industries.

NOVEMBER 2021 224PP
978-1-119-81123-7 PB \$30.00 (Japan)
Computer Security & Cryptography

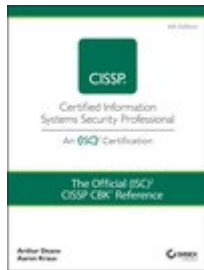
The Official (ISC)2 CISSP CBK Reference

6th Edition

ARTHUR J. DEANE, WASHINGTON, UNITED STATES & AARON KRAUS

The only official, comprehensive reference guide to the CISSP

Thoroughly updated for 2021 and beyond, this is the authoritative common body of knowledge (CBK) from (ISC)² for information security professionals charged with designing, engineering, implementing, and managing the overall information security program to protect organizations from increasingly sophisticated attacks. Vendor neutral and backed by (ISC)², the CISSP credential meets the stringent requirements of ISO/IEC Standard 17024.



This CBK covers the current eight domains of CISSP with the necessary depth to apply them to the daily practice of information security. Revised and updated by a team of subject matter experts, this comprehensive reference covers all of the more than 300 CISSP objectives and sub-objectives in a structured format with:

- Common and good practices for each objective
- Common vocabulary and definitions
- References to widely accepted computing standards
- Highlights of successful approaches through case studies

Whether you've earned your CISSP credential or are looking for a valuable resource to help advance your security career, this comprehensive guide offers everything you need to apply the knowledge of the most recognized body of influence in information security

NOVEMBER 2021 UnknownPP
978-1-119-78999-4 CL \$90.00 (Japan)
COMPUTER SECURITY & CRYPTOGRAPHY

Threat Hunting in the Cloud

Defending AWS, Azure and Other Cloud Platforms Against Cyberattacks

CHRIS PEIRIS, BINIL PILLAI & ABBAS KUDRATI

Implement a vendor-neutral and multi-cloud cybersecurity and risk mitigation framework with advice from seasoned threat hunting pros

In *Threat Hunting in the Cloud: Defending AWS, Azure and Other Cloud Platforms Against Cyberattacks*, celebrated

cybersecurity professionals and authors Chris Peiris, Binil Pillai, and Abbas Kudrati leverage their decades of experience building large scale cyber fusion centers to deliver the ideal threat hunting resource for both business and technical audiences. You'll find insightful analyses of cloud platform security tools and, using the industry leading MITRE ATT&CK framework, discussions of the most common threat vectors.



You'll discover how to build a side-by-side cybersecurity fusion center on both Microsoft Azure and Amazon Web Services and deliver a multi-cloud strategy for enterprise customers. And you will find out how to create a vendor-neutral environment with rapid disaster recovery capability for maximum risk mitigation.

Perfect for technical executives (i.e., CTO, CISO), technical managers, architects, system admins and consultants with hands-on responsibility for cloud platforms, *Threat Hunting in the Cloud* is also an indispensable guide for business executives (i.e., CFO, COO CEO, board members) and managers who need to understand their organization's cybersecurity risk framework and mitigation strategy.

NOVEMBER 2021 UnknownPP
978-1-119-80406-2 PB \$50.00 (Japan)
Computer Security & Cryptography

文化研究

The First Days of Berlin

The Sound of Change

ULRICH GUTMAIR & TRANSLATED BY SIMON PARE

READERSHIP: A wide general readership; anyone interested in European, German and Berlin history; anyone interested in music, art and counterculture

NOVEMBER 2021 200PP
978-1-5095-4729-6 CL \$64.95 (Japan)
978-1-5095-4730-2 PB \$19.95 (Japan)
Cultural Studies General

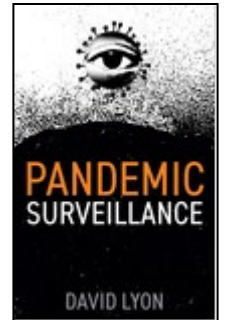
**Pandemic Surveillance**

DAVID LYON

Queen's University, Ontario, Canada

READERSHIP: General readers interested in surveillance studies, as well as readers interested in the implications of the COVID-19 pandemic. Students and scholars of sociology, geography, and cultural and media studies.

NOVEMBER 2021 176PP
978-1-5095-5030-2 CL \$64.95 (Japan)
978-1-5095-5031-9 PB \$22.95 (Japan)
Digital Culture & the Information Age



歯学

Prosthodontics at a Glance

2nd Edition

IRFAN AHMAD

The Ridgeway Dental Surgery, North Harrow

Prosthodontics at a Glance is the must-have companion for all dentistry students and practitioners interested in oral rehabilitation with artificial prostheses. Brief user-friendly chapters allow for rapid reference to all major sub-topics of prosthodontic dentistry, including treatment planning, decision making, periodontal and endodontic considerations, posts and cores, tooth preparation, dental implants, occlusion procedures, dental restorations, aesthetics, and more.



The second edition incorporates the latest techniques and scientific advances in prosthodontics, featuring 25 brand-new chapters on topics such as digital dentistry, bioactive materials, artificial intelligence, tissue engineering, stem cells, ethical considerations in elective dental procedures, dental laser technology, and the use of CAD/CAM applications in the clinic and dental laboratory. Written by a knowledgeable clinician, *Prosthodontics at a Glance 2nd Edition*:

- Contains extensively updated and expanded material throughout
- Covers the spectrum of prosthodontic treatments, including intra- and extra-coronal restorations, and removable prostheses
- Features new coverage of 3D printing, intra-oral scanners, digital workflows and diagnoses, smile design, shade assessment, and facial enhancement using dermal fillers
- Includes full colour diagrams and clinical photographs

Prosthodontics at a Glance 2nd Edition is an invaluable resource for dental students preparing for examinations, as well as for working dental care professionals looking for an easy-to-use reference guide.

SERIES: AT A GLANCE (DENTISTRY)

NOVEMBER 2021 180PP
978-1-119-74972-1 PB \$65.00 (Japan)
PROSTHODONTICS

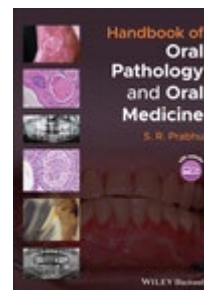
Handbook of Oral Pathology and Oral Medicine

S. R. PRABHU

Handbook of Oral Pathology and Oral Medicine

Discover a concise overview of the most common oral diseases in a reader-friendly book

Handbook of Oral Pathology and Oral Medicine delivers a succinct overview of a range of oral diseases. The book contains up-to-date evidence-based information organized by clinical topic and supported by over 300 clinical, radiological, and microscopic images. Each chapter includes topics following universally respected curricula of oral pathology and oral medicine.



Divided into seven parts, it covers core topics such as pathology of teeth, pulp, and supporting structures, pathology of jawbones, pathology of the oral mucosa, pathology of the salivary glands, clinical presentation of mucosal disease, orofacial pain, and miscellaneous topics of clinical relevance.

Written for undergraduate dental students, dental hygienists and oral health therapists, *Handbook of Oral Pathology and Oral Medicine* is an ideal quick reference and is also useful to dental educators and practitioners.

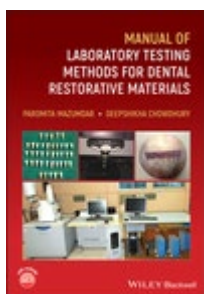
NOVEMBER 2021 320PP
978-1-119-78112-7 PB \$90.00 (Japan)
Oral Pathology

Manual of Laboratory Testing Methods for Dental Restorative Materials

PAROMITA MAZUMDAR & DEEPSHIKHA CHOWDHURY

Explore the properties of a wide range of dental materials used in restorative dentistry with a brand-new resource

The *Manual of Laboratory Testing Methods for Dental Restorative Materials* delivers a comprehensive and accessible review of the materials used in restorative dentistry. The book offers readers an evidence-based application of the materials and their mechanical, physical, and optical properties.



Each chapter begins with key points and includes a glossary to aid in the learning and retention of the material contained within. The book also covers the methods used to study the properties and the advantages and disadvantages of various dental restorative materials as well as why they are selected.

The *Manual of Laboratory Testing Methods for Dental Restorative Materials* will be a helpful addition to any institute library or personal collection and will cater to the needs of postgraduate dental students, researchers and academics in the fields of dentistry and material sciences.

NOVEMBER 2021 160PP
978-1-119-68799-3 PB \$155.00 (Japan)
Dental Technology & Materials Science

Preadjusted Edgewise Fixed Orthodontic Appliances

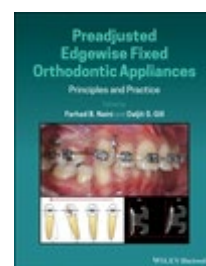
Principles and Practice

FARHAD B. NAINI & DALJIT S. GILL

Consultant Orthodontist, St. George's Hospital and Medical School; Consultant Orthodontist, Eastman Dental Hospital

Explore the possibilities of preadjusted edgewise appliances in orthodontics with this essential resource

Preadjusted Edgewise Fixed Orthodontic Appliances: Principles and Practice comprehensively covers the increasingly popular preadjusted edgewise technique in orthodontics.



The book integrates clinical practice and research findings, focusing on the biomechanics and clinical management of patients with preadjusted edgewise appliances. A unique learning resource for specialists and trainees in orthodontics, the book is highly illustrated and broad in scope, covering everything from informed patient consent to clinical techniques to information about how to manage patient malocclusions.

Perfect for postgraduate dentists undergoing specialist training in orthodontics, specialist practitioners, and hospital consultant orthodontists, *Preadjusted Edgewise Fixed Orthodontic Appliances: Principles and Practice* will also be useful to dentists with a special interest in orthodontics, orthodontic therapists, and orthodontic nurses who seek a comprehensive manual of the most popular fixed orthodontic appliance technique.

NOVEMBER 2021 544PP
978-1-118-81769-8 CL \$127.99 (Japan)
Orthodontics

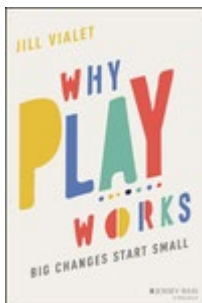
教育

Why Play Works**Big Changes Start Small**

JILL VIALET

Harness the power of play in building learning environments that help students thrive

In *Why Play Works*, expert educator and author Jill VIALET shares her insights from a career of promoting play. Designed to support schools, education professionals and parents in promoting play as an essential tool for increasing social connection amongst their students, you'll find out why playing is a behavior that's helped children learn to navigate the demands of social interaction for eons, and how we can keep it central to their school experience even as we return from the COVID-19 pandemic.



In this book, you'll discover:

- Why it's important to intentionally integrate play into day-to-day school operations because of its ability to help students learn to manage risks, develop greater self awareness, and build confidence
- Ways of incorporating play into space -- both in-person and remote -- that contribute to responsive, flexible and sustainable teaching and learning environments
- Real examples of schools leveraging play to promote youth leadership and student agency
- How to incorporate play in co-creating new approaches to education, building off the insight that big changes start small

Perfect for educators, school administrators, parents of school-age children, and anyone who is simply play-curious, *Why Play Works* is intended to prompt your thinking about all the ways in which play can be a tool for helping to bring out the best in our kids.. The book stands out as a thoughtful, playful and effective guide for supporting the learning and well-being of students everywhere.

NOVEMBER 2021 224PP
978-1-119-77454-9 PB \$25.00 (Japan)
Teaching & Learning (K-12)

Cultivating Curiosity**Teaching and Learning Reimagined**

DOREEN GEHRY NELSON

Give your students a leg up and improve learning outcomes with this revolutionary, hands-on approach to teaching

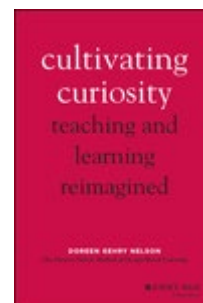
In *Cultivating Curiosity: Teaching and Learning Reimagined*, distinguished educator and author Doreen Gehry Nelson inspires anyone yearning to break away from formulaic teaching.

Told from dozens of powerful and personal perspectives, the effectiveness and versatility of the Doreen Nelson Method of Design-Based Learning described in the book is backed by years of quantitative and qualitative data.

You'll learn how applying this cross-curricular methodology can transform your K-12 teaching practice, regardless of changes in content standards. The book includes:

- Discussions about how to launch creative and critical thinking in your students
- Explanations of the methodology's 6 ½ Steps of Backward Thinking that invigorate the teaching experience and dramatically improve learning
- The inception of the methodology and the experiences of K-12 teachers who practice it in their classrooms.

Perfect for K-12 educators seeking a methodology that consistently engages students in applying what they learn, *Cultivating Curiosity* is also an ideal resource for teachers-in-training, administrators, and post-secondary educators.



NOVEMBER 2021 336PP
978-1-119-82416-9 CL \$35.00 (Japan)
Teacher Education (K-12)

電気電子工学

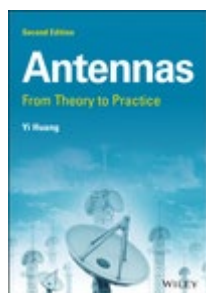
Antennas

From Theory to Practice, 2nd Edition

YI HUANG

University of Liverpool, UK

Building upon the success of the first edition, this book covers the important and timely issues involving modern practical antenna design and theory. Developed specifically for university students, engineers and designers who work with radio frequency (RF) engineering, radar and radio communications. The book will cover a) the basics of transmission lines, radiowaves and propagation, and antenna theory; b) antenna analysis and design using the basic antenna theory and industrial standard design software tools; c) antenna measurement equipment, facilities and techniques; d) some special topics, such as mobile antennas and antenna diversity, wide-band and multi-band antennas, electrically small antennas, radio frequency identification (RFID) antennas, ultra-wide band (UWB) antennas, reconfigurable antennas, multiple-input and multiple-output (MIMO) antennas, radar antennas, smart antennas, terahertz (THz) antennas, nano antennas, and rectennas for wireless power transmission and energy harvesting.



NOVEMBER 2021 544PP
978-1-119-09232-2 CL \$130.00 (Japan)
ANTENNAS & PROPAGATION

**Artificial Intelligence and Data Mining
Approaches in Security Frameworks**

Advances and Challenges

NEERAJ BHARGAVA, RITU BHARGAVA, PRAMOD SINGH
RATHORE & RASHMI AGRAWAL

Artificial intelligence (AI) and data mining is the fastest growing field in computer science. AI and data mining algorithms and techniques are found to be useful in different areas like pattern recognition, automatic threat detection, automatic problem solving, visual recognition, fraud detection, detecting developmental delay in children, and many other applications. However, applying AI and data mining techniques or algorithms successfully in these areas needs a concerted effort, fostering integrative research between experts ranging from diverse disciplines from data science to Artificial Intelligence. Successful application of security frameworks to enable meaningful, cost effective, personalize security service is a primary aim of engineers and researchers today. However realizing this goal requires effective understanding, application and amalgamation of AI and Data Mining and several other computing technologies to deploy such system in an effective manner.

This book provides state of the art approaches of artificial intelligence and data mining in these areas. It includes areas of detection, prediction, as well as future framework identification, development, building service systems and analytical aspects. In all these topics, applications of AI and data mining, such as artificial neural networks, fuzzy logic, genetic algorithm and hybrid mechanisms, are explained and explored. This book is aimed at the modeling and performance prediction of efficient security framework systems, bringing to light a new dimension in the theory and practice.

This groundbreaking new volume presents these topics and trends, bridging the research gap on AI and data mining to enable wide-scale implementation. Whether for the veteran engineer or the student, this is a must-have for any library.

SERIES: ADVANCES IN DATA ENGINEERING AND MACHINE
LEARNING

NOVEMBER 2021 UnknownPP
978-1-119-76040-5 CL \$225.00 (Japan)
Communication System Security

High-Density and De-Densified Smart Campus Communications

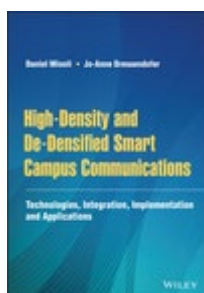
Technologies, Integration, Implementation and Applications

DANIEL MINOLI

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

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

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



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

The book includes information about security requirements, large and boutique solution providers, applications, unbundled services, implementation planning and design, as well as operations and network management.

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

NOVEMBER 2021 368PP
978-1-119-71605-1 CL \$125.00 (Japan)
Mobile & Wireless Communications

Wireless Blockchain

Principles, Technologies and Applications

EDITOR BIN CAO, EDITOR LEI ZHANG, EDITOR MUGEN PENG & EDITOR MUHAMMAD ALI IMRAN

National Research Council, Vancouver, Canada

Explore foundational concepts in blockchain theory with an emphasis on recent advances in theory and practice

In *Wireless Blockchain: Principles, Technologies and Applications*, accomplished researchers and authors Bin Cao, Lei Zhang, Mugen Peng, and Muhammad Ali Imran deliver a robust and accessible exploration of recent developments in the theory and practice of blockchain technology, systems, and potential application in a variety of industrial sectors, including manufacturing, entertainment, public safety, telecommunications, public transport, healthcare, financial services, automotive, and energy utilities.



The book presents the concept of wireless blockchain networks with different network topologies and communication protocols for various commonly used blockchain applications. You'll discover how these variations and how communication networks affect blockchain consensus performance, including scalability, throughput, latency, and security levels.

Perfect for electrical engineers, industry professionals, and students and researchers in electrical engineering, computer science, and mathematics, *Wireless Blockchain: Principles, Technologies and Applications* will also earn a place in the libraries of communication and computer system stakeholders, regulators, legislators, and research agencies.

SERIES: WILEY – IEEE

NOVEMBER 2021 400PP
978-1-119-79080-8 CL \$135.00 (Japan)
Mobile & Wireless Communications

Shaping Future 6G Networks

Needs, Impacts and Technologies

EDITOR EMMANUEL BERTIN, EDITOR NOEL CRESPI & EDITOR THOMAS MAGEDANZ

Discover the societal and technology drivers contributing to build the next generation of wireless telecommunication networks

Shaping Future 6G Networks: Needs, Impacts, and Technologies is a holistic snapshot on the evolution of 5G technologies towards 6G. With contributions from international key players in industry and academia, the book presents the hype versus the realistic capabilities of 6G technologies, and delivers cutting-edge business and technological insights into the future wireless telecommunications landscape.



You'll learn about:

- Forthcoming demand for post 5G networks, including new requirements coming from small and large businesses, manufacturing, logistics, and automotive industry
- Societal implications of 6G, including digital sustainability, strategies for increasing energy efficiency, as well future open networking ecosystems
- Impacts of integrating non-terrestrial networks to build the 6G architecture
- Opportunities for emerging THz radio access technologies in future integrated communications, positioning, and sensing capabilities in 6G
- Design of highly modular and distributed 6G core networks driven by the ongoing RAN-Core integration and the benefits of AI/ML-based control and management

The insights in *Shaping Future 6G Networks* will greatly benefit IT engineers and managers focused on the future of networking, as well as undergraduate and graduate engineering students focusing on the design, implementation, and management of mobile networks and applications.

SERIES: WILEY – IEEE

NOVEMBER 2021 300PP 978-1-119-76551-6 CL \$135.00 (Japan)
Communication Technology - Networks

Satellite Communications Payload and System

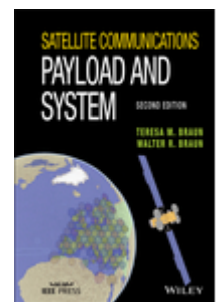
2nd Edition

TERESA M. BRAUN & WALTER R. BRAUN

A valuable reference on communications satellite systems

This book presents the state of the art in commercial communications satellite systems, thoroughly and in detail not to be found in any other book. These systems provide the television and some of the telephone and Internet services in use every day. The book focuses on the satellite payload, which consists of antennas, receivers, and transmitters. The book discusses the what, the how, and the why of various choices that have been made in currently operating systems.

The second edition adds the third part of the book. Payload unit descriptions have been updated and enlarged. The communications theory chapter has been upgraded and the protocols chapter added to briefly describe all the elements mentioned in part 3. Non-geostationary satellite considerations have been included throughout the book. If you are a payload systems engineer, this book can serve as a valuable tool for expanding your knowledge base. If you're a graduate student, it will guide your introductory learning. As an industry professional, you can make this book a go-to reference.



SERIES: WILEY – IEEE

NOVEMBER 2021 720PP
978-1-119-38431-1 CL \$110.00 (Japan)
SATELLITE COMMUNICATIONS

From LED to Solid State Lighting

Principles, Materials, Packaging, Characterization, and Applications

S. W. RICKY LEE & JEFFERY C. C. LO

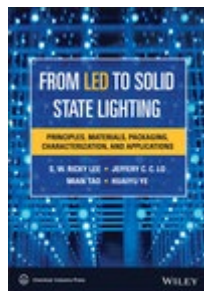
A comprehensive reference including practical, hands-on exercises and data of experimental studies, written by leading researchers in the field

- * An introductory/intermediate level treatment including practical, hands-on exercises and data of experimental studies, written by leading researchers in the field

- * The authors lead a LED packaging R&D center with an industrial grade prototyping line and state-of-the-art facilities for materials/optical/electrical/thermal characterization. A substantial amount of technical contents in this book is based on the hands-on experience and experimental practices of the authors

- * The manufacture of LED-based luminaries for lighting is a huge area and there is a need for a comprehensive book instructing engineers and designers in the lighting industry

- * Includes packaging LED components such as interconnection, phosphor deposition, encapsulation, thermal management and reliability, making this an excellent reference and background reading for engineers and researchers



NOVEMBER 2021 320PP
978-1-118-88147-7 CL \$130.00 (Japan)
Electronic Packaging

Handbook of Human Factors and Ergonomics

5th Edition

GAVRIEL SALVENDY

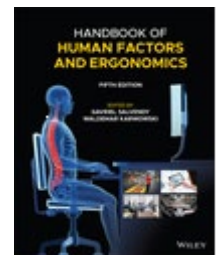
Purdue University

Discover the latest developments in ergonomics and human factors with the newest edition of this market leading reference

In the newly revised Fifth Edition of *Handbook of Human Factors and Ergonomics*, Drs. Gavriel Salvendy and Waldemar Karwowski deliver a comprehensive exploration of workplace environment design, human-machine interfaces, and cutting-edge research on the reduction of health and safety risks. The editors have compiled practical material from an international team of leading experts in ergonomics and human factors that will benefit specialists in the area, as well as safety engineers and human-computer interaction specialists.

The *Handbook* includes information culled from over 7500 sources and features brand new coverage in areas like artificial intelligence, social media, information technology and cybersecurity, and data analytics. Numerous case studies demonstrate the real-world application of the concepts and methods discussed within and showcase the extraordinary developments in the field since the publication of the Fourth Edition in 2012.

Perfect for ergonomics and human factors engineers at any level of their careers, *Handbook of Human Factors and Ergonomics* will also earn a place in the libraries of design engineers, applied psychologists, human-computer interaction specialists, engineering and technology managers, and safety professionals and industrial hygienists.



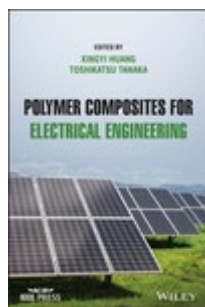
NOVEMBER 2021 1600PP
978-1-119-63608-3 CL \$315.00 (Japan)
HUMAN FACTORS & RISK ASSESSMENT

Polymer Composites for Electrical Engineering

EDITOR XINGYI HUANG & EDITOR TOSHIKATSU TANAKA

Explore the diverse electrical engineering application of polymer composite materials with this in-depth collection edited by leaders in the field

Polymer Composites for Electrical Engineering delivers a comprehensive exploration of the fundamental principles, state-of-the-art research, and future challenges of polymer composites. Written from the perspective of electrical engineering applications, like electrical and thermal energy storage, high temperature applications, fire retardance, power cables, electric stress control, and others, the book covers all major application branches of these widely used materials.



Rather than focus on polymer composite materials themselves, the distinguished editors have chosen to collect contributions from industry leaders in the area of real and practical electrical engineering applications of polymer composites. The book's relevance will only increase as advanced polymer composites receive more attention and interest in the area of advanced electronic devices and electric power equipment.

Perfect for postgraduate students and researchers working in the fields of electrical, electronic, and polymer engineering, *Polymer Composites for Electrical Engineering* will also earn a place in the libraries of those working in the areas of composite materials, energy science and technology, and nanotechnology.

SERIES: WILEY – IEEE

NOVEMBER 2021 360PP
978-1-119-71960-1 CL \$140.00 (Japan)
Electronic Materials

VCSEL Industry

Communication and Sensing

BABU PADULLAPARTHI DAYAL, JIM TATUM & KENICHI IGA

This book is oriented to be used as a reference guide by young entrepreneurs, investors, VCs, and researchers on VCSEL technologies and its commercial products in daily lives. It consists of a basic introduction to VCSEL technology, the materials and wavelengths involved, its advantages and characteristics, functionality as a data/image transmitter (including receivers), high demand of VCSELs products in Photonics. On the business side, it describes the industry's landscape on market demands, business models, high volume manufacturing challenges, key players, supply chain, trade control effects, die-cost, providing a few popular examples of commercial products in daily use by customers. The book ends with conclusions regarding the future scope of VCSELs in industrial, medical, smart-home, Si-Photonics & CMOS etc. applications.

SERIES: THE COMSOC GUIDES TO COMMUNICATIONS TECHNOLOGIES

NOVEMBER 2021 UnknownPP
978-1-119-78219-3 CL \$110.00 (Japan)
Semiconductors

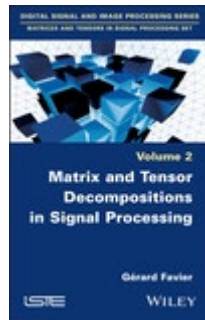
エネルギー

Matrix and Tensor Decompositions in Signal Processing

Volume 2

GÉRARD FAVIER

The second volume will deal with a presentation of the main matrix and tensor decompositions and their properties of uniqueness, as well as very useful tensor networks for the analysis of massive data. Parametric estimation algorithms will be presented for the identification of the main tensor decompositions. After a brief historical review of the compressed sampling methods, an overview of the main methods of retrieving matrices and tensors with missing data will be performed under the low rank hypothesis. Illustrative examples will be provided.

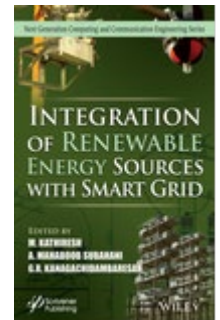


NOVEMBER 2021 UnknownPP
978-1-78630-155-0 CL \$125.00 (Japan)
Signal Processing

Integration of Renewable Energy Sources with Smart Grid

EDITOR M. KATHIRESH, EDITOR A. MAHABOOB SUBAHANI &
EDITOR G. R. KANAGACHIDAMBARESAN

This book starts with an overview of renewable energy technologies, smart grid technologies, energy storage systems, and covers the details of renewable energy integration with smart grid and the corresponding controls. This book provides better views on power scenario in developing countries. The requirement of the integration of smart grid along with the energy storage systems are deeply discussed to acknowledge the importance of sustainable development of smart city. The methodologies are made quite possible with the high-efficient power convertor topologies and intelligent control schemes. These control schemes are capable to provide better control with the help of machine intelligence techniques and artificial intelligence. The book also addresses the modern power convertor topologies and the corresponding control schemes for renewable energy integration with smart grid. The design and analysis of power converters that are used for grid integration of solar PV along with simulation and experimental results are illustrated. The protection aspects of the microgrid with power electronic configurations for wind energy systems are elucidated.



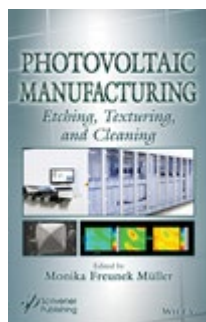
NOVEMBER 2021 384PP
978-1-119-75042-0 CL \$225.00 (Japan)
Renewable Energy

Photovoltaic Manufacturing

Etching, Texturing, and Cleaning

EDITOR MONIKA FREUNEK MULLER

This is the first book on photovoltaic wet processing for silicon wafers, both mono- and multi-crystalline. The comprehensive book provides information to process, equipment, and device engineers and researchers in the solar manufacturing field. The authors of the chapters are world-class researchers and experts in their field of endeavor. The fundamentals of wet processing chemistry are introduced, covering etching, texturing, cleaning and metrology. New developments, innovative approaches, as well as current challenges are presented. A detailed discussion of black silicon is provided.



SERIES: SOLAR CELL MANUFACTURING

NOVEMBER 2021 208PP
978-1-119-24189-8 CL \$175.00 (Japan)
Solar Energy & Photovoltaics

Smart Solar PV Inverters with Advanced Grid Support Functionalities

RAJIV K. VARMA

University of Western Ontario, Canada

This book covers the full scope of smart inverter technology for PV solar power systems. It begins by introducing the need for smart inverters as well as the challenges faced by utilities in integrating PV solar systems on a large scale in distribution and transmission systems. Configurations of different types of smart inverters for both PV solar and wind power systems will be described as well as the broad structure of smart inverters, ranging from small rooftop applications to large utility scale inverters. One of the key subjects covered in this book is the functions and operating characteristics of smart inverters. Functions included are voltage regulation, reactive power control, power factor control, real power control/curtailment, amongst others. The operation of smart inverters in autonomous/commanded mode and operation with local/remote control will be described. The book concludes by discussing emerging technologies and developments for smart inverters, as well as the challenges for implementing smart inverter functions in existing PV inverters.

SERIES: IEEE PRESS SERIES ON POWER AND ENERGY SYSTEMS

NOVEMBER 2021 496PP
978-1-119-21418-2 CL \$135.00 (Japan)
Solar Energy & Photovoltaics

The 4Ds of Energy Transition

Decarbonization, Decentralization, Decreasing use and Digitalization

EDITOR M. ASIF

The book provides a comprehensive account of the characteristics of energy transition covering the latest advancements, trends and practices around it. Moreover, it discusses the 4Ds in Energy transition; Decarbonization, Decreasing use, Decentralization and Digitalization also the important technical, economic, social and policy perspectives. It appropriately incorporates up-to-date data, case studies and comparative assessments. It focuses on and engineering dimensions of the energy transition covering topics like: energy conservation and management; renewable energy and sustainable energy future; hydrogen and fuel cells; electric mobility and sustainable transportation; distributed and off-grid generation; energy storage and batteries; smart energy solutions; smart meters, smart grids and smart cities; fossil fuel; nuclear power.

NOVEMBER 2021 400PP
978-3-527-34882-4 CL \$115.00 (Japan)
Power Technology & Power Engineering

Probabilistic Power System Expansion Planning with Renewable Energy Resources and Energy Storage Systems

JAESEOK CHOI & KWANG Y. LEE

Pennsylvania State University

Discover how modern techniques have shaped complex power system expansion planning with this one-stop resource from an authority in the field

Probabilistic Power System Expansion Planning with Renewable Energy Resources and Energy Storage Systems delivers a comprehensive collection of innovative approaches to

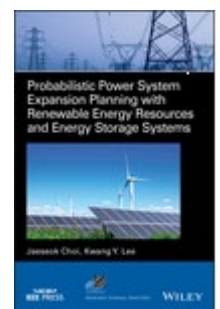
the probabilistic planning of generation and transmission systems under uncertainties. The book includes renewables and energy storage calculations when using probabilistic and deterministic reliability techniques to assess system performance from a long-term expansion planning viewpoint.

Divided into two sections, the book first covers topics related to Generation Expansion Planning, with chapters on cost assessment, methodology and optimization, and more. The second and final section provides information on Transmission System Expansion Planning, with chapters on reliability constraints, probabilistic production cost simulation, and more.

Perfect for power and energy systems designers, planners, operators, consultants, practicing engineers, software developers, and researchers, *Probabilistic Power System Expansion Planning with Renewable Energy Resources and Energy Storage Systems* will also earn a place in the libraries of practicing engineers who regularly deal with optimization problems.

SERIES: IEEE PRESS SERIES ON POWER AND ENERGY SYSTEMS

NOVEMBER 2021 512PP
978-1-119-68413-8 CL \$145.00 (Japan)
Electric Power Systems



Smart Grid Telecommunications

Fundamentals and Technologies in the 5G Era

ALBERTO SENDIN, JAVIER MATANZA & RAMON FERRUS

Discover the foundations and main applications of telecommunications to smart grids

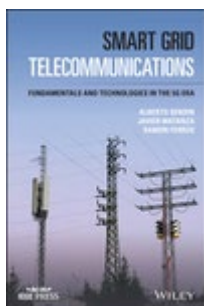
In *Smart Grid Telecommunications*, renowned researchers and authors Drs. Alberto Sendin, Javier Matanza, and Ramon Ferrus deliver a focused treatment of the fundamentals and main applications of telecommunication technologies in smart grids. Aimed at engineers and professionals who work with power systems, the book explains what smart grids are and where telecommunications are needed to solve their various challenges.

Power engineers will benefit from explanations of the main concepts of telecommunications and how they are applied to the different domains of a smart grid. Telecommunication engineers will gain an understanding of smart grid applications and services, and will learn from the explanations of how telecommunications need to be adapted to work with them.

Ideal for engineers working in power systems or telecommunications as network architects, operations managers, planners, or in regulation-related activities, *Smart Grid Telecommunications* is also an invaluable resource for telecommunication network and Smart Grid architects.

SERIES: WILEY – IEEE

NOVEMBER 2021 368PP
978-1-119-75537-1 CL \$145.00 (Japan)
Smart Grid



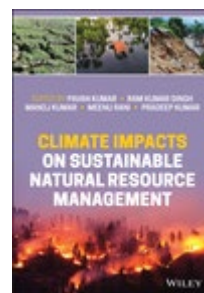
環境科学

Climate Impacts on Sustainable Natural Resource Management

EDITOR PAVAN KUMAR, EDITOR RAM KUMAR SINGH, EDITOR MANOJ KUMAR, EDITOR MEENU RANI & EDITOR PRADEEP KUMAR

Climate change has emerged as one of the predominant global concerns of the 21st century. Statistics show that the average surface temperature of the earth has increased by about 1.18°C since the late 19th century and the sea levels are rising due to the melting of glaciers. Further rise in the global temperature will have dire consequences for the survival of humans on the planet Earth. There is a need to monitor climatic data and associated drivers of changes to develop sustainable planning. The anthropogenic activities that are linked to climate change need scientific evaluation and must be curtailed before it is too late.

This book contributes significantly in the field of sustainable natural resource management linked to climate change. Up to date research findings from developing and developed countries like India, Indonesia, Japan, Malaysia, Sri Lanka and the USA have been presented through selected case studies covering different thematic areas. The book has been organised into six major themes of sustainable natural resource management, determinants of forest productivity, agriculture and climate change, water resource management and riverine health, climate change threat on natural resources, and linkages between natural resources and biotic-abiotic stressors to develop the concept and to present the findings in a way that is useful for a wide range of readers. While the range of applications and innovative techniques is constantly increasing, this book provides a summary of findings to provide the updated information. This book will be of interest to researchers and practitioners in the field of environmental sciences, remote sensing, geographical information system, meteorology, sociology and policy studies related to natural resource management and climate change.



NOVEMBER 2021 384PP
978-1-119-79337-3 CL \$200.00 (Japan)
Environmental Change

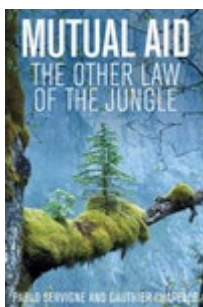
地球科学

Mutual Aid

The Other Law of the Jungle

PABLO SERVIGNE, GAUTHIER CHAPELLE & TRANSLATED BY
ANDREW BROWN

READERSHIP: Anyone interested in climate change, the environmental crisis and the deteriorating state of our planet; readers with an interest in radical politics; students and scholars involved in environmental studies



NOVEMBER 2021 310PP
978-1-5095-4791-3 CL \$69.95 (Japan)
978-1-5095-4792-0 PB \$24.95 (Japan)
Environmental Economics & Politics

Global Drought and Flood

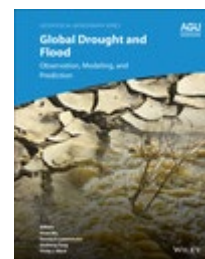
Observation, Modeling, and Prediction

EDITOR HUAN WU, EDITOR DENNIS P. LETTENMAIER, EDITOR
QUIHONG TANG & EDITOR PHILIP J. WARD

University of Maryland; University of California, Los Angeles;
Chinese Academy of Sciences; Institute for Environmental
Studies (IVM)

Recent advances in the modeling and remote sensing of droughts and floods

Droughts and floods are causing increasing damage worldwide, often with devastating short- and long-term impacts on human society. Forecasting when they will occur, monitoring them as they develop, and learning from the past to improve disaster management is vital.



Global Drought and Flood: Observation, Modeling, and Prediction presents recent advances in the modeling and remote sensing of droughts and floods. It also describes the techniques and products currently available and how they are being used in practice.

Volume highlights include:

- Remote sensing approaches for mapping droughts and floods
- Physical and statistical models for monitoring and forecasting hydrologic hazards
- Features of various drought and flood systems and products
- Use by governments, humanitarian, and development stakeholders in recent disaster cases
- Improving the collaboration between hazard information provision and end users

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.

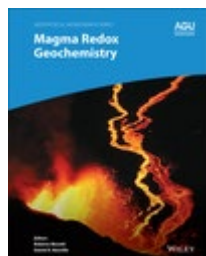
SERIES: GEOPHYSICAL MONOGRAPH SERIES

NOVEMBER 2021 UnknownPP
978-1-119-42730-8 CL \$169.95 (Japan)
Geology & Geophysics

Magma Redox Geochemistry

ROBERTO MORETTI & DANIEL NEUVILLE

The redox state is one of the master variables behind the Earth's forming processes, which at depth concern magma as the major transport agent. Understanding redox exchanges in magmas is pivotal for reconstructing the history and compositional make-up of our planet, for exploring its mineral resources, and for monitoring and forecasting volcanic activity.



Magma Redox Geochemistry describes the multiple facets of redox reactions in the magmatic realm and presents experimental results, theoretical approaches, and unconventional and novel techniques.

Volume highlights include:

- Redox state and oxygen fugacity: so close, so far
- Redox processes from Earth's accretion to global geodynamics
- Redox evolution from the magma source to volcanic emissions
- Redox characterization of elements and their isotopes

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

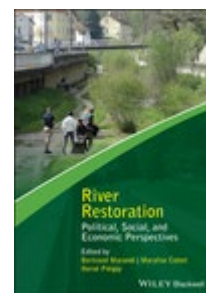
NOVEMBER 2021 432PP
978-1-119-47325-1 CL \$199.95 (Japan)
Igneous & Metamorphic Petrology and Volcanology

Social and Policy Issues in River Restoration

Perspectives from Practice and Research

MARYLISE COTTET

River restoration initiatives are now widespread across the world. The research efforts undertaken to support them are increasingly interdisciplinary, focusing on ecological, chemical, physical as well as societal issues. *River Restoration: Political and Socio-economic Perspectives* provides a comprehensive overview of research in the field of river restoration in humanities and the social sciences. It illustrates how, in the last thirty years or so, such approaches have evolved and strengthened within the restoration sciences.



The scientific community working in this domain has structured itself, often regionally and circumstantially, to critically assess and improve restoration policies and practices. As a research field, river restoration tackles three thematic axes:

- Human-river interactions -- especially perceptions and practices of rivers, and how these interactions can be changed by restoration projects
- Political processes, with a particular interest in governance and decision-making, and a specific emphasis on the question of public participation in restoration projects
- Evaluation of the social and economic benefits of river restoration

River Restoration: Political and Socio-economic Perspectives encompasses these three topics, and more, to provide the reader with the most up-to-date and holistic view of this constantly evolving area. The book will be of particular interest to human and social scientists, biophysical scientists (hydrologists, geomorphologists, ecologists), environmental scientists, public policy makers, design or planning officers, and anyone working in the field of river restoration.

SERIES: ADVANCING RIVER RESTORATION AND MANAGEMENT

NOVEMBER 2021 368PP
978-1-119-40998-4 CL \$100.00 (Japan)
Fluvial Hydrology & Limnology

ファイナンス／インベストメント

Millionaire Expat

How To Build Wealth Living Overseas

3rd Edition

ANDREW HALLAM

This book provides updates for stock market investors living and working overseas. It also includes new research on happiness studies, pertaining to wealth and income, while providing new ideas of where expats can affordably retire well overseas. This Third Edition of *Millionaire Expat*, the world's only book showing expats how to build wealth overseas with index funds, is a guide for everyone, no matter where they are from. Hallam explains how to find an honest financial advisor: one that invests with index funds instead of commission paying windfalls. You don't want an advisor? Fair enough. Hallam shows three cutting edge index fund strategies. He compares costs and services of different brokerages, whether in the U.S. or offshore. And he shows every nationality how to invest in the best products *for them*. Some people want stability. Some want strong growth. Others want a dash of both.

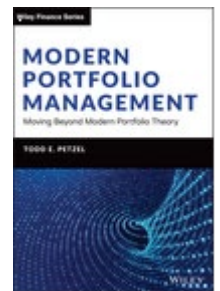
NOVEMBER 2021 UnknownPP
978-1-119-84010-7 PB \$22.95 (Japan)
GENERAL FINANCE & INVESTMENTS

Modern Portfolio Management

Moving Beyond Modern Portfolio Theory

TODD E. PETZEL

Get a practical and thoroughly updated look at investment and portfolio management from an accomplished veteran of the discipline



In *Modern Portfolio Management: Moving Beyond Modern Portfolio Theory*, investment executive and advisor Dr. Todd E. Petzel delivers a grounded and insightful exploration of developments in finance since the advent of Modern Portfolio Theory. You'll find the tools and concepts you need to evaluate new products and portfolios and identify practical issues in areas like operations, decision-making, and regulation.

In this book, you'll also:

- Discover why Modern Portfolio Theory is at odds with developments in the field of Behavioral Finance
- Examine the never-ending argument between passive and active management and learn to set long-term goals and objectives
- Find investor perspectives on perennial issues like corporate governance, manager turnover, fraud risks, and ESG investing

Perfect for institutional and individual investors, investment committee members, and fiduciaries responsible for portfolio construction and oversight, *Modern Portfolio Management* is also a must-read for fund and portfolio managers who seek to better understand their investors.

NOVEMBER 2021 704PP
978-1-119-81850-2 CL \$55.00 (Japan)
General Finance & Investments

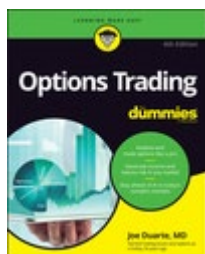
Options Trading For Dummies

4th Edition

JOE DUARTE, DALLAS, UNITED STATES

When it comes to boosting your portfolio, you've got options!

Looking for a new way to flex your investing muscle? Look no further! *Options Trading For Dummies* offers trusted guidance for anyone ready to jump into the versatile, rewarding world of stock options. And just what are your options options? This book breaks down the most common types of options contracts, helping you select the right strategy for your needs. Learn all about the risk-reward structure of options trading and reduce your risk through smart mixing and matching.



Today's markets are more topsy turvy than ever before, but there is also more potential for everyday investors like you to profit, regardless of economic conditions. Options are great for broadening your retirement portfolio or earning a little extra scratch through shorter-term positions. *Options Trading For Dummies* is your plain-English resource for learning how!

- Demystify the world of options contracts and how to trade them, including index, equity, and ETF options
- Use technical analysis to create a solid trading strategy that limits your risk
- Protect your assets and avoid the pitfalls common to first-time options traders
- Learn about covered calls, butterfly positions, and other techniques that can enhance your gains

Thinking of trading options, but not sure where to start? This latest edition of *Options Trading For Dummies* provides you with step-by-step advice for boosting your income under today's market conditions.

NOVEMBER 2021 416PP
978-1-119-82830-3 PB \$29.99 (Japan)
PERSONAL FINANCE

Wiley's Level I CFA Program Study Guide 2022

Complete Set

Prepare efficiently and confidently for the Level 1 CFA Exam and your future professional responsibilities

Wiley's Level I CFA Program Study Guide 2022: Complete Set delivers a comprehensive set of materials proven to help you understand, retain, and master the CFA Program Curriculum. You'll get a highly effective study aid filled with exam tips, fundamental concepts, and in-depth worked examples.

This complete set of study materials covers every area of the Level 1 CFA exam, including ethical and professional standards, investment tools, asset classes, and portfolio management and wealth planning.

Perfect for anyone studying for the Level I CFA exams, this complete set will prepare you not just for the exams themselves, but also for a lifetime of success working as a Chartered Financial Analyst.

NOVEMBER 2021 UnknownPP
978-1-119-71422-4 PB \$235.00 (Japan)
Personal Finance / Financial Advising

Wiley's Level II CFA Program Study Guide 2022

Complete Set

NOVEMBER 2021 UnknownPP
978-1-119-71421-7 PB \$235.00 (Japan)
Personal Finance / Financial Advising

Wiley's Level III CFA Program Study Guide 2022

Complete Set

NOVEMBER 2021 UnknownPP
978-1-119-71423-1 PB \$235.00 (Japan)
Personal Finance / Financial Advising

Corporate Finance

A Practical Approach, 3rd Edition

CFA INSTITUTE

NOVEMBER 2021 UnknownPP
978-1-119-74376-7 PB \$110.00 (Japan)
Investments & Securities

Derivatives

2nd Edition

WENDY L. PIRIE

NOVEMBER 2021 UnknownPP
978-1-119-85057-1 PB \$110.00 (Japan)
INVESTMENTS & SECURITIES

Corporate Finance

A Practical Approach, Workbook

3rd Edition

CFA INSTITUTE

NOVEMBER 2021 UnknownPP
978-1-119-74381-1 PB \$50.00 (Japan)
Investments & Securities

Derivatives Workbook

2nd Edition

WENDY L. PIRIE

NOVEMBER 2021 UnknownPP
978-1-119-85327-5 PB \$50.00 (Japan)
INVESTMENTS & SECURITIES

歴史

The Soviet Passport

The History, Nature and Uses of the Internal Passport in the USSR

ALBERT BAIBURIN & TRANSLATED BY STEPHEN DALZIEL

READERSHIP: Students and scholars of Russian and modern history; a wider general readership interested in the Soviet Union and Russia

SERIES: NEW RUSSIAN THOUGHT

NOVEMBER 2021 455PP
978-1-5095-4318-2 CL \$45.00 (Japan)
Twentieth Century & Contemporary History

**A Concise History of the Haitian Revolution**

2nd Edition

JEREMY D. POPKIN

University of Kentucky, USA

Learn about the first time in history that people of color overthrew a European colonial regime to establish an independent country

Describing the only successful slave revolt in world history, the newly revised Second Edition of *A Concise History of the Haitian Revolution* delivers a nuanced and rigorous treatment of the events of the Haitian Revolution of the late 18th century and early 19th century. The book describes events from the slave uprising in the French colony of Saint-Domingue in 1791 and the emergence of its leader, Toussaint Louverture, to the declaration of independence by Jean-Jacques Dessalines in 1804.

The new edition is updated to reflect the most recent scholarship in the field, including original research conducted by author Jeremy D. Popkin. It is a valuable resource for anyone studying independence movements in the Americas, the history of the Atlantic world, the history of the African diaspora, and the age of the American and French revolutions.

Perfect for undergraduate students of history taking courses like the History of the Atlantic World, History of the Revolutionary Era, Latin American History to 1820, and History of the African Diaspora, *A Concise History of the Haitian Revolution* is also an ideal resource for high school teachers seeking a challenging resource for AP World History students.

SERIES: VIEWPOINTS / PUNTOS DE VISTA

NOVEMBER 2021 224PP
978-1-119-74633-1 PB \$32.50 (Japan)
LATIN AMERICAN & CARIBBEAN HISTORY



Military Transition For Dummies

ANGIE PAPPLE JOHNSTON, FORT HUACHUCA, UNITED STATES

So, you're thinking of leaving the service - what comes next? *Military Transition For Dummies* will guide service men and women through the tricky transition from military to civilian life, covering key issues such as careers, higher education, and benefits.



INSIDE:

- Resources for mental health and healthcare support
- How to write a resume
- Assimilate to civilian workforce
- Manage finances

NOVEMBER 2021 416PP
978-1-119-82478-7 PB \$24.99 (Japan)
Military History

Gender in History

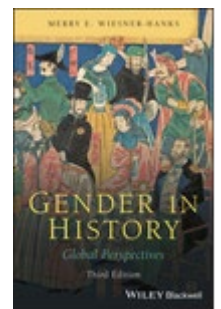
Global Perspectives, 3rd Edition

MERRY E. WIESNER-HANKS

University of Wisconsin-Milwaukee

A concise yet comprehensive account of the roles and influences of gender over the millennia, featuring new and updated content throughout

Gender in History: Global Perspectives, Third Edition, explores the construction and evolution of gender in many of the world's cultures from the Paleolithic era to the COVID pandemic of the twenty-first century. Broad in geographic and topical scope, this comprehensive volume discusses the ways families, religions, social hierarchies, politics, work, education, art, sexuality, and other issues are linked to various conceptions of gender.



Now organized chronologically rather than topically, this extensively revised edition presents a wealth of up-to-date information based on the scholarship of the last decade. New and expanded chapters offer insights on the connections between gender and key events and trends in world history, including domestication and the development of agriculture, the growth of cities and larger-scale political structures, the spread of world religions, changing ideas of race, class, and sexuality, colonialism and imperialism, capitalism, wars, revolutions, and more.

Gender in History: Global Perspectives, Third Edition, is essential reading for undergraduate and graduate students in courses such as those on women's history, women in world history, and gender in world history, and a valuable supplement for general survey courses within History and Women's and Gender Studies programs.

NOVEMBER 2021 312PP
978-1-119-71920-5 PB \$44.95 (Japan)
GENDER & HISTORY

ライフスタイル

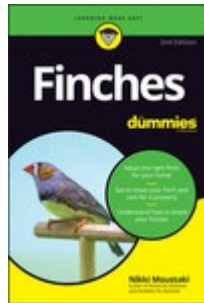
Finches For Dummies

2nd Edition

NIKKI MOUSTAKI, NORTH BAY VILLAGE, UNITED STATES

Explore the wide world of finches

Finches For Dummies is your entry into the fascinating world of finches. Canaries are probably the most well-known type of finch, but finches are a widely diverse species of birds. They actually encompass several hundred different types of birds, including Gouldians, goldfinches, zebra finches, and owl finches. They also come in an amazing variety of shapes, colors, and sizes. Some are very vocal; some are not. How you care for your finch depends on its species, size, and temperament. But no need to stress. *Finches For Dummies* is here to help you find the perfect feathered friend!



This practical guide sets you up to become a responsible finch caretaker. Inside, you'll find information on:

- Feeding your finches and keeping them healthy
- Choosing the ideal enclosure and supplies for your finches
- Adjusting to finch life with children or other pets
- Breeding your finches

With the advice and tips in *Finches For Dummies*, you and your pet finches can maintain a fun and thriving relationship for a long time. If you're interested in adopting one of these amazing birds, pick up a copy!

NOVEMBER 2021 96PP
978-1-119-75531-9 PB \$14.99 (Japan)
PET CARE / BIRDS

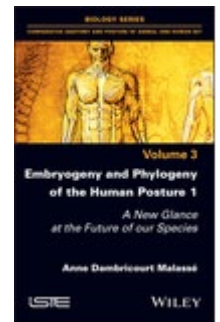
ライフサイエンス

Embryogeny and Phylogeny of the Human Posture 1

A New Glance at the Future of our Species

ANNE DAMBRICOURT MALASSE

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



This book retraces these reflections from pre-Socratic philosophers, focusing on the link between verticality and the most complex and consciously reflexive nervous system on the top rung of the ladder of living beings. The origin of animated forms, or animals, was considered metaphysical until the 19th century but reflection on their inception, from fertilization, paved the way for mathematics of infinitesimal geometry and dynamics. The simian filiation was inconceivable until Jean-Baptiste de Lamarck bridged the gap in 1802 with the locomotion postulate to explain the transition from quadrupedal to bipedal posture, sustained by the hypothesis of inheritance of acquired characteristics. This doctrine was overturned in 1987 by the discovery of the embryonic origins of the straightening - specific dynamics linked to neurogenesis - confirming the natural place of human verticality and nervous system complexity with its psychomotor and cognitive consequences.

Sapiens find themselves at the physical limit of the straightening while mechanisms of gametogenesis have never ceased in making neurogenesis exponentially more complex. Is the future exclusively terrestrial or does intrauterine hominization open up new perspectives for space exploration? Posturologists, occlusodontics, osteopaths, cognisciences - all anthropological sciences exposed to human verticality are concerned with this discovery, which allows Sapiens to face their natural destiny

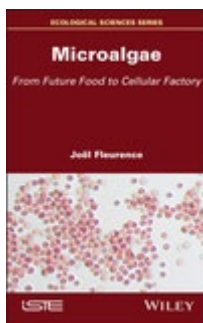
NOVEMBER 2021 UnknownPP
978-1-78630-606-7 CL \$165.00 (Japan)
General Biology

Microalgae

From Future Food to Cellular Factory

JOEL FLEURENCE

Microalgae and cyanobacteria are the first organisms in the oceanic food chain and are essential producers of oxygen and effective carbon dioxide traps. They are traditional sources of food proteins for Aztec, African and Asian populations, and some of them have even acquired the status of superfoods. Microalgae reviews the biological, ecological and biochemical characteristics of microalgae and cyanobacteria. They are true cellular factories, producing substances of interest such as original pigments, proteins and polysaccharides with biological activities. Their use covers many sectors of human activity including aquaculture, livestock breeding, agri-food, and human and veterinary medicine.



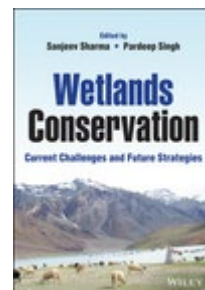
This book presents their mode of production and the transformation processes that are applied to them, as well as the traditional and future valorization of algae. As they are a source of lipids and fatty acids, microalgae have become the focus of attention for the development of green fuels, such as biofuel.

NOVEMBER 2021 192PP
978-1-78630-587-9 CL \$165.00 (Japan)
Microbial Ecology

Wetlands Conservation

EDITOR SANJEEV SHARMA & EDITOR PARDEEP SINGH

An up-to-date overview of approaches for addressing wetlands degradation and its effects on ecosystem services, human health, and other ecosystems



Wetlands are essential sources of biodiversity, water purification, groundwater replenishment, flood control, storm protection, sediment retention, recreation and tourism, and more. Human exploitation of natural resources over the past 200 years has caused significant wetlands degradation and loss. Although the Ramsar Convention of 1971 drafted policies for wetland conservation and responsible use, many wetland sites remain inadequately conserved or managed. Maintaining the ecological balance and equilibrium of wetlands requires a clear understanding of the vital role of wetlands, the difficulties they face, and the policies enacted for their protection.

Wetlands Conservation: Current Challenges and Future Strategies summarizes both current and emerging management strategies, trends, and policies regarding wetlands protection around the world. The authors provide accurate scientific information on wetlands while discussing the effects of climate change, global warming, modernization in agriculture, and other key topics. Designed to assist in the development of future solutions for wetlands conservation and management strategies, this important volume:

- Highlights the environmental, socioeconomic, and cultural importance of wetlands
- Identifies the factors responsible for the failure of many conservation initiatives
- Describes the natural and anthropogenic factors of wetlands degradation
- Discusses the role of community-based wetlands conservation and management
- Explores Ramsar wetlands conservation and its impacts worldwide

Wetlands Conservation: Current Challenges and Future Strategies is an invaluable resource for graduate and postgraduate students, researchers, ecologists, policymakers, conservation organizations, and others working in the field of natural resources management.

NOVEMBER 2021 304PP
978-1-119-69268-3 CL \$165.00 (Japan)
Conservation Science

文学

Bioprospecting of Microorganism-Based Industrial Molecules

EDITOR SUDHIR P. SINGH & EDITOR SANTOSH KUMAR UPADHYAY

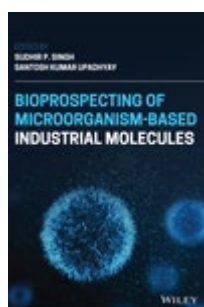
Discover a comprehensive and current overview of microbial bioprospecting written by leading voices in the field

In *Bioprospecting of Microorganism based Industrial Molecules*, distinguished researchers and authors Sudhir P. Singh and Santosh Kumar Upadhyay deliver global perspectives of bioprospecting of biodiversity. The book covers diverse aspects of bioprospecting of microorganisms demonstrating biomass value of nutraceutical, pharmaceutical, biomedical, and bioenergetic importance.

The authors present an amalgamation of translational research on bioresource utilization and ecological sustainability that will further the reader's knowledge of the applications of different microbial diversity and reveal new avenues of research investigation.

Perfect for academics, scientists, researchers, graduate and post-graduate students working and studying in the areas of microbiology, food biotechnology, industrial microbiology, plant biotechnology, and microbial biotechnology, *Bioprospecting of Microorganism based Industrial Molecules* is an indispensable guide for anyone looking for a comprehensive overview of the subject.

NOVEMBER 2021 448PP
978-1-119-71724-9 CL \$200.00 (Japan)
Applied Microbiology

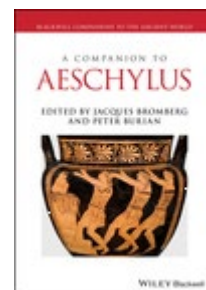


A Companion to Aeschylus

EDITOR PETER BURIAN & EDITOR JACQUES BROMBERG

SERIES: BLACKWELL COMPANIONS TO THE ANCIENT WORLD

NOVEMBER 2021 576PP
978-1-4051-8804-3 CL \$199.95 (Japan)
Classical Greek Literature



数学

A New Companion to Herman Melville

WYN KELLEY & CHRISTOPHER OHGE

Massachusetts Institute of Technology, USA

Discover a fascinating new set of perspectives on the life and work of Herman Melville

A New Companion to Herman Melville delivers an insightful examination of Melville for the twenty-first century. Building on the success of the first Blackwell Companion

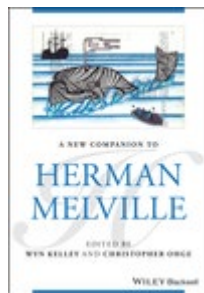
to Herman Melville, and offering a variety of tools for reading, writing, and teaching Melville and other authors, this New Companion offers critical, technological, and aesthetic practices that can be employed to read Melville in exciting and revelatory ways.

Editors Wyn Kelley and Christopher Ohge create a framework that reflects a pluralistic model for humanities teaching and research. In doing so, the authors highlight the ways that Melville himself was concerned with the utility of tools within fluid circuits of meaning, and how those ideas are embodied, enacted, and mediated.

A New Companion to Herman Melville provides essential reading for scholars and students ranging from undergraduate and graduate students to more advanced scholars and specialists in the field.

SERIES: BLACKWELL COMPANIONS TO LITERATURE AND CULTURE

NOVEMBER 2021 625PP
978-1-119-66850-3 CL \$185.00 (Japan)
19TH CENTURY AMERICAN LITERATURE

**Simulation and Analysis of Mathematical Methods in Real Time Engineering Applications**

T. ANANTH KUMAR, E. GOLDEN JULIE, Y. HAROLD ROBINSON & S. M. JAISAKTHI

Written and edited by a group of renowned specialists in the field, this outstanding new volume addresses primary computational techniques for developing new technologies in soft computing. It also highlights the security, privacy, artificial intelligence, and practical approaches needed by engineers and scientists in all fields of science and technology. It highlights the current research, which is intended to advance not only mathematics but all areas of science, research, and development, and where these disciplines intersect. As the book is focused on emerging concepts in machine learning and artificial intelligence algorithmic approaches and soft computing techniques, it is an invaluable tool for researchers, academicians, data scientists, and technology developers.

The newest and most comprehensive volume in the area of mathematical methods for use in real-time engineering, this groundbreaking new work is a must-have for any engineer or scientist's library. Also useful as a textbook for the student, it is a valuable contribution to the advancement of the science, both a working handbook for the new hire or student, and a reference for the veteran engineer.

NOVEMBER 2021 368PP
978-1-119-78537-8 CL \$225.00 (Japan)
Applied Mathematics in Engineering

Generalized Ordinary Differential Equations in Abstract Spaces and Applications

EDITOR EVERALDO DE MELLO BONOTTO, EDITOR MÁRCIA FEDERSON & EDITOR JAQUELINE GODOY MESQUITA

Explore a unified view of differential equations through the use of the generalized ODE from leading academics in mathematics

Generalized Ordinary Differential Equations in Abstract Spaces and Applications delivers a comprehensive treatment of new results of the theory of Generalized ODEs in abstract spaces. The book covers applications to other types of differential equations, including Measure Functional Differential Equations (measure FDEs). It presents a uniform collection of qualitative results of Generalized ODEs and offers readers an introduction to several theories, including ordinary differential equations, impulsive differential equations, functional differential equations, dynamical equations on time scales, and more.



Throughout the book, the focus is on qualitative theory and on corresponding results for other types of differential equations, as well as the connection between Generalized Ordinary Differential Equations and impulsive differential equations, functional differential equations, measure differential equations and dynamic equations on time scales. The book's descriptions will be of use in many mathematical contexts, as well as in the social and natural sciences.

Perfect for researchers and graduate students in Differential Equations and Dynamical Systems, *Generalized Ordinary Differential Equations in Abstract Spaces and Applications* will also earn a place in the libraries of advanced undergraduate students taking courses in the subject and hoping to move onto graduate studies.

NOVEMBER 2021 624PP
978-1-119-65493-3 CL \$115.00 (Japan)
Differential Equations

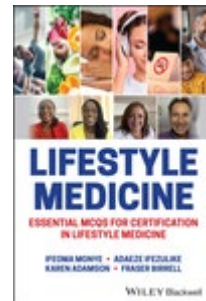
メディカル・サイエンス

Lifestyle Medicine

Essential MCQs for Certification in Lifestyle Medicine

IFEOMA MONYE, ADAEZE IFEZULIKE, KAREN ADAMSON & FRASER BIRRELL

Written by an interdisciplinary and multinational team of distinguished medical doctors and authors, *Lifestyle Medicine* presents a collection of multiple-choice questions (MCQs) designed to help prepare a new generation of clinicians with the necessary knowledge to practice Lifestyle Medicine safely and confidently. Ideal for anyone preparing for examinations in the new specialty of Lifestyle Medicine at the post-graduate level, and especially useful for those studying for the Diploma in Lifestyle Medicine, taking the American Board of Lifestyle Medicine or International Board of Lifestyle Medicine exams, you'll find every key aspect of Lifestyle Medicine in this book.



- 25 questions covering an introduction to lifestyle medicine, including definitions, the difference between lifestyle medicine and other fields, and Physician's Competencies in the practice of lifestyle medicine
- 62 questions covering the fundamentals of health behaviour change
- 47 questions covering key clinical processes in lifestyle medicine, including the classification of different lifestyle-related illnesses, measures of fitness, and fitness testing options
- 88 questions covering nutrition science, assessment, and prescription, including food labels and prescribing nutrition
- And much, much more: a total of 531 questions covering all key aspects of lifestyle medicine

Perfect for clinicians in virtually any specialty aiming to develop expertise in lifestyle medicine, *Lifestyle Medicine* will also earn a place on the shelves of nurses and other allied health professionals, including pharmacists, dietitians and nutritionists, health educators, researchers, health coaches, and occupational therapists.

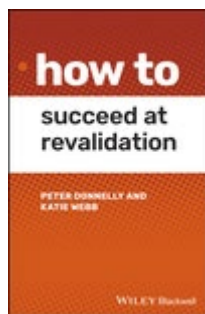
NOVEMBER 2021 224PP
978-1-119-79591-9 PB \$75.00 (Japan)
General & Introductory Medical Science

How to Succeed at Revalidation

PETER DONNELLY & KATE WEBB

Deputy Dean, Wales Postgraduate Deanery, School of Postgraduate Medical and Dental Education, Cardiff University, Cardiff, UK

As of 2012, doctors in the UK are required provide evidence of their fitness to practice--each of the 335,000 doctors registered with the General Medical Council (GMC) need to revalidate to maintain their registration. *How to Succeed at Revalidation* contains up-to-date information on the current regulatory framework and step-by-step guidance to the entire revalidation process. Offering expert advice on how to undertake the process from the perspective of the appraisee, the appraiser, and the employer, this practical, quick-reference guide covers each of the Good Medical Practice (GMP) domains: Knowledge, Skills and Performance; Safety and Quality; Communication, Partnership and Team Work; and Maintaining Trust.



Throughout the text, numerous examples describe different models of appraisal and reflection, identify activities that map to each domain, and demonstrate how revalidation requirements can be achieved in the course of daily practice.

How to Succeed at Revalidation is essential reading for all qualified and trainee doctors, undergraduate and postgraduate learners, tutors and trainers seeking to navigate the revalidation process in the UK.

SERIES: HOW TO

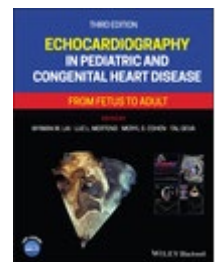
NOVEMBER 2021 176PP
978-1-119-65037-9 PB \$45.00 (Japan)
Medical Professional Development

Echocardiography in Pediatric and Congenital Heart Disease

From Fetus to Adult, 3rd Edition

EDITOR WYMAN W. LAI, EDITOR LUC L. MERTENS, EDITOR MERYL S. COHEN & EDITOR TAL GEVA

Professor of Pediatrics at CUMC, Director, Noninvasive Cardiac Imaging; Morgan Stanley Children's Hospital of NewYork-Presbyterian ; The Hospital for Sick Children; Professor of Pediatrics, The University of Toronto, Toronto, ON, Canada; Professor of Pediatrics, Harvard Medical School; Chief, Division of Non-Invasive Cardiac Imaging, Department of Cardiology, Children's Hospital Boston, Boston, MA, USA; Associate Professor of Pediatrics, The Cardiac Center, The Children's Hospital of Philadelphia, Philadelphia, PA, USA



NOVEMBER 2021 1056PP
978-1-119-61280-3 CL \$275.00 (Japan)
CARDIOVASCULAR IMAGING

Rook's Dermatology Handbook

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

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

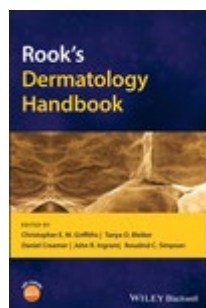
The reliable quick-reference guide to clinical dermatology

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

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

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

NOVEMBER 2021 1040PP
978-1-119-42819-0 PB \$80.00 (Japan)
Dermatology

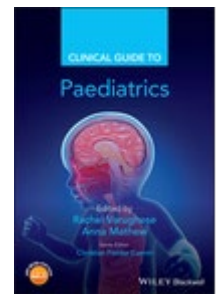


Clinical Guide to Paediatrics

EDITOR RACHEL VARUGHESE, EDITOR ANNA MATHEW & SERIES
EDITOR CHRISTIAN FIELDER CAMM

King's College Hospital, London

Clinical Guide to Paediatrics enables rapid reference to common paediatric conditions presenting in acute settings to any professional working with children. Organised into systems-based sections, the guide focuses on important differential diagnoses based on presenting complaints, and addresses the key features of the history and physical examination within each diagnosis to guide necessary investigations and subsequent management principles.



Medical students, junior doctors, nurses and general practitioners would benefit from this clear, up-to-date evidence-based book, supported by numerous diagnostic algorithms, diagrams, tables and bullet points throughout. Succinct chapters are logically structured to allow easy access to important concepts.

Designed to complement the doctor-patient interaction in clinical practice, this valuable guide:

- Covers the most common presenting complaints encountered in acute paediatrics
- Provides evidence-based information on a wide variety of disorders, and issues faced in paediatric medicine to provide a unique, highly practical approach to the subject
- Includes access to a companion website containing images and clinical photos, audio podcasts, clinical case studies, and self-assessment exercises

Clinical Guide to Paediatrics is essential reading for medical students, junior doctors, nurses, general practitioners and specialist trainees working on paediatric wards or emergency departments.

SERIES: CLINICAL GUIDES

NOVEMBER 2021 2700PP
978-1-119-53911-7 PB \$70.00 (Japan)
Paediatrics

Pain Medicine at a Glance

BETH B. HOGANS

Pain Medicine at a Glance is a user-friendly, visual introduction to the impact pain in various clinical care settings, focusing on primary care needs. Aligned with learning objectives developed by the Johns Hopkins School of Medicine, this authoritative guide covers the basic forms and pathophysiology of pain, the clinical skills necessary for delivering excellent care, pharmacological and non-pharmacological treatments, and a variety of special cases such as healthcare ethics, integrative care, and treatment planning for chronic pain self-management therapy and the management of pain in children and older adults.



of

A new addition to the market-leading *at a Glance* series, the text offers concise and accessible chapters, full-color illustrations, self-assessment questions, and easy-to-follow diagrams. Topics include pain assessment, cognitive factors that influence pain, applying behavioral perspectives on pain, managing opioids and other pharmacological therapies, treating acute pain in patients with substance abuse issues, and more. Perfect for learning, revision, and teaching, this book:

- Provides a foundation of clinical and basic science knowledge about pain and its mechanisms
- Describes major forms of pain, including surgical, orofacial, musculoskeletal, and obstetric pain
- Offers advice on fostering empathy and compassionate practices in pain medicine
- Covers non-pharmacological treatments such as physical therapy, hydrotherapy, meditation, acupuncture, massage, and various focal treatments
- Includes discussion of recent advances and new discoveries in pain science

Pain Medicine at a Glance is the ideal companion for medical and healthcare students, junior doctors, advanced practice providers, nurse practitioners, and others involved in diagnosing and treating pain-associated illness.

SERIES: AT A GLANCE

NOVEMBER 2021 160PP
978-1-118-83766-5 PB \$39.95 (Japan)
Medical Education

Reliability in Rotating Machinery

ROBERT X. PEREZ

Rotating machinery represents a broad category of equipment, which includes pumps, compressors, fans, gas turbines, electric motors, internal combustion engines, and other equipment, that are critical to the efficient operation of process facilities around the world. These machines must be designed to move gases and liquids safely, reliably, and in an environmentally friendly manner. To fully understand rotating machinery, owners must be familiar with their associated technologies, such as machine design, lubrication, fluid dynamics, thermodynamics, rotordynamics, vibration analysis, condition monitoring, maintenance practices, reliability theory, and other topics.

The goal of the "Advances in Rotating Machinery" book series is to provide industry practitioners a time-savings means of learning about the most up-to-date rotating machinery ideas and best practices. This three-book series will cover industry-relevant topics, such as design assessments, modeling, reliability improvements, maintenance methods and best practices, reliability audits, data collection, data analysis, condition monitoring, and more.

This first volume begins the series by focusing on rotating machinery design assessments, modeling and analysis, and reliability improvement ideas. This broad collection of current rotating machinery topics, written by industry experts, is a must-have for rotating equipment engineers, maintenance personnel, students, and anyone else wanting to stay abreast with current rotating machinery concepts and technology.

JANUARY 2022 UnknownPP
978-1-119-63168-2 CL \$249.00 (Japan)
Mechanical Engineering - Design

Heat Transfer Principles

ADRIAN BEJAN

University of Colorado, Boulder

Provides authoritative coverage of the fundamentals of heat transfer, written by one of the most cited authors in all of Engineering

Heat Transfer presents the fundamentals of the generation, use, conversion, and exchange of heat between physical systems. A pioneer in establishing heat transfer as a pillar of the modern thermal sciences, Professor Adrian Bejan presents the fundamental concepts and problem-solving methods of the discipline, predicts the evolution of heat transfer configurations, the principles of thermodynamics, and more.



Building upon his classic 1993 book *Heat Transfer*, the author maintains his straightforward scientific approach to teaching essential developments such as Fourier conduction, fins, boundary layer theory, duct flow, scale analysis, and the structure of turbulence. In this new volume, Bejan explores topics and research developments that have emerged during the past decade, including the designing of convective flow and heat and mass transfer, the crucial relationship between configuration and performance, and new populations of configurations such as tapered ducts, plates with multi-scale features, and dendritic fins.

Heat Transfer: Evolution, Design and Performance is essential reading for undergraduate and graduate students in mechanical and chemical engineering, and for all engineers, physicists, biologists, and earth scientists.

NOVEMBER 2021 UnknownPP
978-1-119-46740-3 CL \$120.00 (Japan)
Thermodynamics

Flow-Induced Vibration Handbook for Nuclear and Process Equipment

EDITOR MICHEL J. PETTIGREW, EDITOR COLETTE E. TAYLOR &
EDITOR NIGEL J. FISHER

Fatigue or fretting-wear damage in process and plant equipment caused by flow-induced vibration can lead to operational disruptions, lost production, and expensive repairs. Mechanical engineers can help prevent or mitigate these problems during the design phase of high capital cost plants such as nuclear power stations and petroleum refineries by performing thorough flow-induced vibration analysis. Accordingly, it is critical for mechanical engineers to have a firm understanding of the dynamic parameters and the vibration excitation mechanisms that govern flow-induced vibration.



Flow-Induced Vibration Handbook for Nuclear and Process Equipment provides the knowledge required to prevent failures due to flow-induced vibration at the design stage. The product of more than 40 years of research and development at the Canadian Nuclear Laboratories, this authoritative reference covers all relevant aspects of flow-induced vibration technology, including vibration failures, flow velocity analysis, vibration excitation mechanisms, fluidelastic instability, periodic wake shedding, acoustic resonance, random turbulence, damping mechanisms, and fretting-wear predictions. Each in-depth chapter contains the latest available lab data, a parametric analysis, design guidelines, sample calculations, and a brief review of modelling and theoretical considerations.

Covering all relevant aspects of flow-induced vibration technology, *Flow-Induced Vibration Handbook for Nuclear and Process Equipment* is required reading for professional mechanical engineers and researchers working in the nuclear, petrochemical, aerospace, and process industries, as well as graduate students in mechanical engineering courses on flow-induced vibration.

SERIES: WILEY-ASME PRESS SERIES

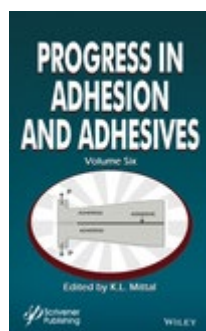
NOVEMBER 2021 UnknownPP
978-1-119-81096-4 CL \$140.00 (Japan)
Mechanical Engineering Special Topics

材料科学

Progress in Adhesion and Adhesives, Volume 6

EDITOR K. L. MITTAL

With the ever-increasing amount of research being published, it is a Herculean task to be fully conversant with the latest research developments in any field, and the arena of adhesion and adhesives is no exception. Thus, topical review articles provide an alternate and very efficient way to stay abreast of the state-of-the-art in many subjects representing the field of adhesion science and adhesives.



SERIES: ADHESION AND ADHESIVES: FUNDAMENTAL AND APPLIED ASPECTS

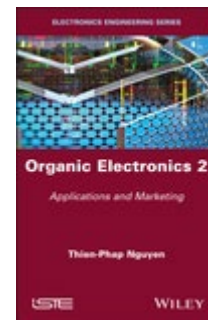
NOVEMBER 2021 912PP
978-1-119-84665-9 CL \$249.00 (Japan)
Joining, Welding and Adhesion

Organic Electronics, Volume 2

Applications and Marketing

THIEN PHAP NGUYEN

Due to their special properties, organic semiconductors enable the development of large-area, low-cost devices, paving the way for flexible and nomadic applications that advantageously replace those made with traditional semiconductors. In this second volume, we study the main applications of organic semiconductors, such as organic light-emitting diodes (OLEDs), solar cells (OPVs) and organic field-effect transistors (OFETs).



The commercialization of these new devices is then discussed within the Brabec triangle framework, in which yield, stability and production costs are the key factors. We also address the environmental impact of organic devices for their future development. This book presents the application side of organic electronics from a technological, economic and environmental perspective. It is intended for researchers and students in university programs or engineering schools specializing in electronics, energy and materials.

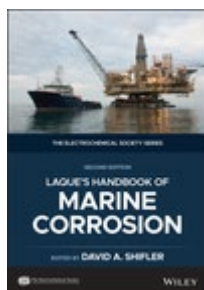
NOVEMBER 2021 224PP
978-1-78630-610-4 CL \$165.00 (Japan)
Organic Electronics

La Que's Handbook on Marine Corrosion

2nd Edition

EDITOR DAVID A. SHIFLER

Extensively updated throughout, the second edition of *La Que's Handbook of Marine Corrosion* remains the standard single-source reference on the unique nature of seawater as a corrosive environment. Designed to help readers reduce operational and life cycle costs for materials in marine environments, this authoritative resource provides clear guidance on design, materials selection, and implementation of corrosion control engineering practices for materials in atmospheric, immersion, or wetted marine environments.



Completely rewritten for the 21st century, this new edition reflects current environmental regulations, best practices, materials, and processes, with special emphasis placed on the engineering, behavior, and practical applications of materials. Divided into three parts, the book first explains the fundamentals of corrosion in marine environments, including atmospheric corrosion, erosion, microbiological corrosion, fatigue, environmental cracking, and cathodic delamination. The second part discusses corrosion control methods and materials selection that can mitigate or eliminate corrosion in different marine environments. The third section provides the reader with specific applications of corrosion engineering to structures, systems, or components that exist in marine environments.

Written in a clear and understandable style, *La Que's Handbook of Marine Corrosion, Second Edition* is an indispensable resource for engineers and materials scientists in disciplines spanning the naval, maritime, commercial, shipping industries, particularly corrosion engineers, ship designers, naval architects, marine engineers, oceanographers, and other professionals involved with products that operate in marine environments.

SERIES: THE ECS SERIES OF TEXTS AND MONOGRAPHS

NOVEMBER 2021 768PP
978-1-119-78883-6 CL \$190.00 (Japan)
CORROSION

Simulation and Wargaming

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

Old Dominion University

Understanding the potential synergies between computer simulation and wargaming

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



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

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

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

NOVEMBER 2021 432PP
978-1-119-60478-5 CL \$135.00 (Japan)
Theory, Modeling & Simulation

ナノテクノロジー

Nanoengineering of Biomaterials

Drug Delivery & Biomedical Applications

EDITOR SOUGATA JANA & EDITOR SUBRATA JANA

A comprehensive discussion of various types of nanoengineered biomaterials and their applications

In *Nanoengineering of Biomaterials: Drug Delivery & Biomedical Applications*, an expert team of chemists delivers a succinct exploration of the synthesis, characterization, in-vitro and in-vivo drug molecule release, pharmacokinetic activity, pharmacodynamic activity, and the biomedical applications of several types of nanoengineered biomaterials. The editors have also included resources to highlight the most current developments in the field.

The book is a collection of valuable and accessible reference sources for researchers in materials chemistry and related disciplines. It uses a functions-directed approach to using organic and inorganic source compounds that translate into biological systems as scaffolds, micelles, dendrimers, and other delivery systems.

Nanoengineering of Biomaterials offers readers up-to-date chemistry and material science insights that are readily transferrable to biomedical systems. The book also includes:

- Thorough introductions to alginate nanoparticle delivery of therapeutics and chitosan-based nanomaterials in biological applications
- Comprehensive explorations of nanostructured carrageenan as a drug carrier, gellan gum nanoparticles in drug delivery, and guar-gum nanoparticles in the delivery of bioactive molecules
- Practical discussions of protein-based nanoparticles for drug delivery, solid lipid nanoparticles as drug carriers, and pH-responsive nanoparticles in therapy
- In-depth examinations of stimuli-responsive nano carriers in drug targeting

Perfect for pharmaceutical chemists, materials scientists, polymer chemists, life scientists, and medicinal chemists, *Nanoengineering of Biomaterials: Drug Delivery and Biomedical Applications* is also an indispensable resource for biologists and bioengineers seeking a one-stop reference on the transferability of materials chemistry and nanotechnology to biomedicine.

NOVEMBER 2021 700PP
978-3-527-34904-3 CL \$265.00 (Japan)
Nanomedicine

ナーシング

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

2nd Edition

EDITOR ELIZABETH BRUCE, EDITOR JANET WILLISS & EDITOR FAITH GIBSON

Great Ormond Street Hospital, London

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



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

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

NOVEMBER 2021 792PP
978-1-118-89822-2 PB \$61.99 (Japan)
NURSING CHILDREN & YOUNG PEOPLE

Fundamentals of Qualitative Phenomenological Nursing Research

BRIGITTE S. CYPRESS

Fundamentals of Qualitative Phenomenological Nursing Research

is the first book of its kind to specifically link the findings of qualitative research to evidence-based practice, policy, theory, and theory development. Designed for novice researchers, graduate students, and experienced practitioners alike, this comprehensive resource provides up-to-date coverage of research methods and techniques, the use of data analysis software, phenomenological writing and publishing, and more.



The text opens with a general introduction to qualitative research and its components, followed by detailed description of the philosophical, paradigmatic, and conceptual aspects of phenomenological inquiry. Subsequent sections address topics including the practical aspects of phenomenological investigations, the concepts of rigor and validity in qualitative studies, and the methods of phenomenological data, collection, reduction, analysis, interpretation, and presentation. Throughout the book, author Brigitte S. Cypress offers expert guidance and real-world tips regarding the challenges researchers encounter when conducting a qualitative study.

Fundamentals of Qualitative Phenomenological Nursing Research is a must-have guide for qualitative researchers from any discipline, academics and faculty members, and undergraduate and graduate nursing students wanting to learn more about phenomenology as a research approach.

NOVEMBER 2021 272PP
978-1-119-78007-6 PB \$75.00 (Japan)
Nursing Research

Quality and Safety in Nursing

A Competency Approach to Improving Outcomes

3rd Edition

EDITOR GWEN SHERWOOD & EDITOR JANE BARNSTEINER

University of North Carolina-Chapel Hill, USA; University of Pennsylvania, USA

First published in 2012, *Quality and Safety in Nursing* was the first volume of its kind to explore the role of the nursing community in improving quality of care and patient safety. Now in its third edition, this comprehensive resource remains essential reading for all those involved in equipping current and future nurses with the knowledge, skills, and attitudes (KSAs) needed to deliver exceptional care.



The new edition begins with an overview of the Quality and Safety Education for Nurses (QSEN) initiative and its origins in the *Future of Nursing* report published in 2010, before defining each of the six QSEN competencies: patient-centered care, teamwork and collaboration, evidence based practice, quality improvement, safety and informatics. The content incorporates the 2020-2030 Future of Nursing recommendations, as well as the 2021 AACN Essentials for Education competencies. Finally, the text presents both teaching and clinical application strategies for building and implementing a culture of quality and safety across settings.

Quality and Safety in Nursing, Third Edition is required reading for graduate students in nursing education programs, faculty in nursing schools, nursing and healthcare educators, clinical nurse specialists, clinical administrators, and those working in professional development and quality improvement.

NOVEMBER 2021 560PP
978-1-119-68423-7 PB \$79.99 (Japan)
NURSING EDUCATION & PROFESSIONAL DEVELOPMENT

哲学

An All-Too-Human Virus

JEAN-LUC NANCY, TRANSLATED BY SARAH CLIFT & TRANSLATED BY
CORY STOCKWELL

READERSHIP: Students and scholars in philosophy and the humanities generally; general readers interested in contemporary philosophy and critical theory

NOVEMBER 2021 100PP
978-1-5095-5021-0 CL \$45.00 (Japan)
978-1-5095-5022-7 PB \$12.95 (Japan)
General Philosophy

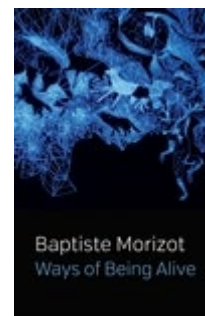
**Ways of Being Alive**

BAPTISTE MORIZOT & TRANSLATED BY ANDREW BROWN

Queen Victoria Hospital, East Grinstead, West Sussex, UK

READERSHIP: Students and scholars in animal studies, philosophy, environmental studies and anthropology, and general readers interested in animals, ecology and the environment

NOVEMBER 2021 290PP
978-1-5095-4720-3 CL \$69.95 (Japan)
978-1-5095-4721-0 PB \$24.95 (Japan)
General Philosophy



Bioethics

An Anthology, 4th Edition

UDO SCHÜKLENK & PETER SINGER

Princeton University

The new edition of the classic collection of key readings in bioethics, fully updated to reflect the latest developments and main issues in the field

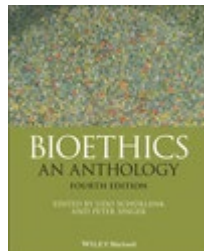
For more than two decades, *Bioethics: An Anthology* has been widely regarded as the definitive single-volume compendium of seminal readings on both traditional and cutting-edge ethical issues in biology and medicine. Acclaimed for its scope and depth of coverage, this landmark work brings together compelling writings by internationally-renowned bioethicist to help readers develop a thorough understanding of the central ideas, critical issues, and current debate in the field.

Now fully revised and updated, the fourth edition contains a wealth of new content on ethical questions and controversies related to the COVID-19 pandemic, advances in CRISPR gene editing technology, physician-assisted death, public health and vaccinations, transgender children, medical aid in dying, the morality of ending the lives of newborns, and much more. Throughout the new edition, carefully selected essays explore a wide range of topics and offer diverse perspectives that underscore the interdisciplinary nature of bioethical study.

Bioethics: An Anthology, Fourth Edition remains a must-have resource for all students, lecturers, and researchers studying the ethical implications of the health-related life sciences, and an invaluable reference for doctors, nurses, and other professionals working in health care and the biomedical sciences.

SERIES: BLACKWELL PHILOSOPHY ANTHOLOGIES

NOVEMBER 2021 944PP
978-1-119-63511-6 PB \$64.95 (Japan)
BIOETHICS & MEDICAL ETHICS



A Companion to Hobbes

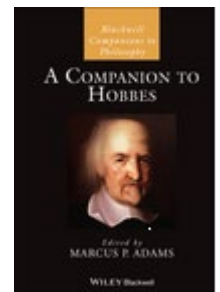
EDITOR MARCUS P. ADAMS

Thomas Hobbes is widely considered to be one of the founders of modern political philosophy. Although best known for his seminal book *Leviathan*, Hobbes produced a wide range of writings, from translations of texts by Homer and Thucydides, to interpretations of Biblical books, to works devoted to geometry, optics, morality, and religion. Hobbes viewed himself as a systematic philosopher--presenting a unified method for theoretical and practical science.

In this new *Companion*, a panel of leading scholars provides close textual engagement with the thought of Thomas Hobbes while philosophically probing his viewpoints concerning natural philosophy, mathematics, human nature, civil philosophy, religion, and more. This skillfully curated collection of essays presents readers with a number of entry points into Hobbes's thought and across his interconnected system of philosophy. Throughout the text, readers gain an appreciation of the unity and diversity of Hobbes's philosophy as they explore the reception of Hobbes by thinkers such as René Descartes, Margaret Cavendish, David Hume, and Immanuel Kant.

A Companion to Hobbes is an invaluable resource for all scholars and advanced students of early modern thought seeking to investigate the connecting points between Hobbes's metaphysics, epistemology, mathematics, natural philosophy, morality, and civil philosophy.

SERIES: BLACKWELL COMPANIONS TO PHILOSOPHY
NOVEMBER 2021 UnknownPP 978-1-119-63499-7 CL \$195.00
17th & 18th Century Philosophy



政治学

Jeremy Bentham

MICHAEL QUINN

READERSHIP: Students and scholars of the history of political thought, the history of philosophy, political theory and philosophy, ethics, and utilitarianism.

SERIES: CLASSIC THINKERS

NOVEMBER 2021 250PP
 978-1-5095-2190-6 CL \$69.95 (Japan)
 978-1-5095-2191-3 PB \$24.95 (Japan)
 Political Philosophy & Theory



Late Capitalist Fascism

MIKKEL BOLT RASMUSSEN

READERSHIP: Students and scholars in the social sciences and humanities and interested general readers.

SERIES: THEORY REDUX

NOVEMBER 2021 140PP
 978-1-5095-4743-2 CL \$45.00 (Japan)
 978-1-5095-4744-9 PB \$12.95 (Japan)
 Political Philosophy & Theory



心理学

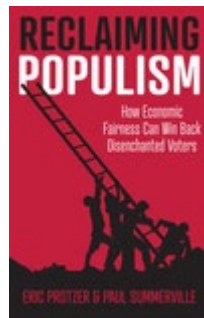
Reclaiming Populism

How Economic Fairness Can Win Back
Disenchanted Voters

ERIC PROTZER & PAUL SUMMERVILLE

READERSHIP: Students, scholars
and general readers interested in
contemporary politics, liberalism,
democracy and political theory.

NOVEMBER 2021 180PP
978-1-5095-4811-8 CL \$59.95 (Japan)
978-1-5095-4812-5 PB \$19.95 (Japan)
Political Science Special Topics

**Counseling Leaders and Advocates**

Strengthening the Future of the Profession

EDITOR CASSANDRA A. STORLIE & EDITOR BARBARA HERLIHY

This text challenges readers to reflect on what they want to accomplish in their own careers and offers a behind-the-scenes look at becoming an effective leader and advocate. The authors provide information essential to the growth and development of counseling leaders and give newer professionals a clearer sense of what leadership and advocacy look like on the job. After a current perspective on what ethical and culturally responsive leadership entails, 13 counseling leaders- both long established and emerging and representing a wide range of cultural and intersectional backgrounds- share their unique stories in poignant personal profiles. The final section of the text highlights pertinent themes in the profiles and implications to strengthen the future of the profession.

NOVEMBER 2021 UnknownPP
978-1-119-81415-3 PB \$58.95 (Japan)
Psychology General

Overcoming Internet Addiction For Dummies

DAVID GREENFIELD

A guidebook to beating internet addiction and living a fuller life

There's no escaping it--we live in a digital world. We work, play, and learn online, and the Internet has given us some fantastic opportunities. Unfortunately, we're all susceptible to addiction--it's part of our basic biology. Games and social media tap into that feel-good dopamine reward system. So when is it time to log off and get help? *Overcoming Internet Addiction For Dummies* gives you the information and the self-assessment questions you need to discover how much is too much, along with the lowdown on what to do about it.

This comprehensive, user-friendly overview of tech addiction is full of helpful and proven techniques and methods to help foster a healthy and sustainable lifestyle with technology. Learn how to take back control of your online life (or help your kids get control of theirs)!

- Discover the basics of addiction, including why children and teens are especially susceptible
- Learn how social media, online gaming, and Internet pornography could be getting in the way of your best life
- Destigmatize addiction so you can unplug when you need to, accomplish what you'd like to, and become healthier--shame-free!
- Empower yourself and your children to build a positive and healthy tech culture in your home

This book encourages you to help yourself and shows you where you might turn for outside support so you can enjoy all that real life has to offer!



NOVEMBER 2021 352PP
978-1-119-71187-2 PB \$29.99 (Japan)
Addictions

Bergin and Garfield's Handbook of Psychotherapy and Behavior Change

7th Edition

EDITOR MICHAEL BARKHAM, EDITOR WOLFGANG LUTZ & EDITOR LOUIS G. CASTONGUAY

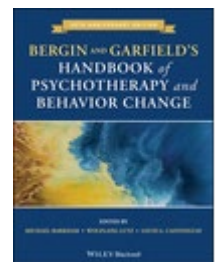
University of Sheffield, UK

Celebrating the 50th anniversary of a best-selling and renowned reference in psychotherapy research and practice.

Now celebrating its 50th anniversary and in its seventh edition, *Bergin and Garfield's Handbook of Psychotherapy and Behavior Change*, maintains its position as the essential reference volume for psychotherapy research. This bestselling reference remains the most important overview of research findings in psychotherapy. It is a rigorous and evidence-based text for academics, researchers, practitioners, and students.

In recognition of the 50th anniversary, this edition contains a Foreword by Allen Bergin while the Handbook covers the following main themes: historical and methodological issues, measuring and evidencing change in efficacy and practice-based research, therapeutic ingredients, therapeutic approaches and formats, increasing precision and scale of delivery, and future directions in the field of psychotherapy research.

The newest edition of this renowned Handbook offers state-of-the-art updates to the key areas in psychotherapy research and practice today. Over 60 authors, experts in their fields, from over 10 countries have contributed to this anniversary edition, providing in-depth, measured and insightful summaries of the current field.



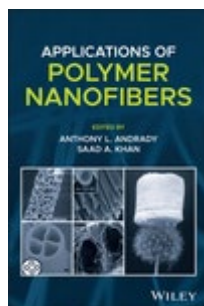
DECEMBER 2021 UnknownPP
978-1-119-53658-1 CL \$125.00 (Japan)
PSYCHOTHERAPY & COUNSELING

ポリマーサイエンス

Applications of Polymer Nanofibers

EDITOR ANTHONY L. ANDRADY & EDITOR SAAD A. KHAN

Explore a comprehensive review of the practical experimental and technological details of polymer nanofibers with a leading new resource



Applications of Polymer Nanofibers delivers a complete introduction to the basic science of polymer nanofibers as well as a review of their diverse applications. The book assesses their potential for commercialization and presents contributions from leading experts emphasizing their practical and technological details. New and up to date research findings are presented throughout the book in areas including filters, fabric, energy, fuel cells, batteries, sensors, biomedicine, drug delivery, tissue engineering, and wound dressings.

The book also presents a fulsome analysis of the technology of electrospinning, the most convenient and scalable technique for nanofiber production. It also provides readers with practical information on relevant surface modification techniques. *Applications of Polymer Nanofibers* effectively balances theoretical background with practical applications of the technology, including insights into polymer nanofiber materials that will be useful for advanced students and researchers.

Perfect for researchers and graduate students studying polymer science and engineering, chemical engineering, materials science, and nanotechnology, *Applications of Polymer Nanofibers* will also earn a place in the libraries of industrial researchers concerned with electrospinning, air filtration, fabrics, drug delivery, catalysis, and biomedicine.

NOVEMBER 2021 UnknownPP
978-1-119-26768-3 CL \$195.00 (Japan)
Polymer Science & Technology General

リレーションシップ

The Parental Leave Playbook

10 Touchpoints to Transition Smoothly, Strengthen Your Family, and Continue Building your Career

AMY BEACOM & SUE CAMPBELL

Warwick State High School

Support your growing family without losing professional ground--a proven approach



The Parental Leave Playbook helps parents take control of their leave and make the most of what's considered a career timeout, but is actually a vital "time-in" for your life. If you're an expecting or new parent concerned about how your leave and return plans will affect your visibility, candidacy for promotion, work relationships, and performance (not to mention your identity and home life), this book will guide you into the smoothest transition possible. Most importantly, this book will help you as you grow and strengthen yourself and your family while remaining a professional.

In *The Parental Leave Playbook*, you'll learn Dr. Amy Beacom's innovative R.E.T.A.I.N. framework and the three-phase, ten-touchpoint model, to coach yourself through the leave process. Beacom identifies the critical points before, during, and after leave where parents and managers must work together, and explains how parents can facilitate success by finessing the way they approach their manager and colleagues. These models are supported by case studies from the author's work in the field with leading organizations like Microsoft, and supplemented by resources such as the evidence-based Parental Leave Transition Assessment (PLTA) sample report, leave action plan templates, reflection prompts, and development exercises to enhance self-awareness and skills.

All working parents-to-be can benefit from the ideas and proven tools in this direct and practical book.

NOVEMBER 2021 304PP
978-1-119-78923-9 CL \$25.00 (Japan)
Relationships, Parenting & Family Life

セルフヘルプ

Anger Management For Dummies

3rd Edition

LAURA L. SMITH, CORRALES, UNITED STATES

Presbyterian Medical Group

Anger is a completely normal, usually healthy, human emotion. But when it gets out of control and turns destructive, it can lead to problems--problems at work, in personal relationships, and in the overall quality of life. *Anger Management For Dummies* shares specific anger management methods, skills, and exercises that will help readers identify the sources of anger and release themselves from their grip. Featuring new and updated coverage of road rage, air rage, office rage, and dealing with angry children.



NOVEMBER 2021 UnknownPP
978-1-119-82827-3 PB \$24.99 (Japan)
GENERAL SELF-HELP

社会学

Sociology

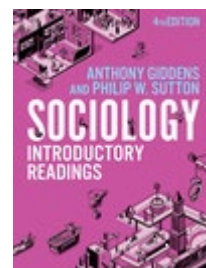
Introductory Readings, 4th Edition

EDITOR ANTHONY GIDDENS & EDITOR PHILIP W. SUTTON

London School of Economics and Political Science; Robert
Gordon University, Aberdeen

READERSHIP: undergraduate students of
sociology

NOVEMBER 2021 360PP
978-1-5095-4912-2 CL \$90.00 (Japan)
978-1-5095-4913-9 PB \$29.95 (Japan)
Introduction to Sociology



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.

NOVEMBER 2021 120PP
978-1-5095-1807-4 CL \$45.00 (Japan)
978-1-5095-1808-1 PB \$12.95 (Japan)
Feminist Theory



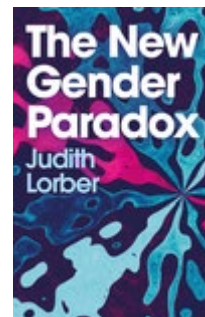
The New Gender Paradox

Fragmentation and Persistence of the Binary

JUDITH LORBER

READERSHIP: undergraduate students and above, and scholars, of gender studies and the sociology of gender and sexuality

NOVEMBER 2021 140PP
978-1-5095-4435-6 CL \$49.95 (Japan)
978-1-5095-4436-3 PB \$19.95 (Japan)
Gender & Sexuality



統計学

The Python Book

ROB MASTRODOMENICO

Discover the power of one of the fastest growing programming languages in the world with this insightful new resource

The Python Book delivers an essential introductory guide to learning Python for anyone who works with data but does not have experience in programming. The experienced data scientist, Python programmer, and author shows readers how to use Python for data analysis, exploration, cleaning, and wrangling. Readers will learn what in the Python language is important for data analysis and why and remain focused on those skills.

The book assists budding programmers to gradually increase their skills as they move through the book, always with an understanding of what they are covering and why it is useful.

The Python Book offers readers a thorough and comprehensive introduction to a language that is both simple enough to be ideal for a novice programmer, yet robust enough to be useful for those more experienced in the language. Used by major companies like Google, Facebook, Instagram, Spotify, and more, Python promises to remain central to the programming landscape for years to come.

Perfect for statisticians, computer scientists, software programmers, and practitioners working in private industry and medicine, *The Python Book* will also be of interest to students in any of the aforementioned fields. Because it assumes no programming experience or knowledge, the book is ideal for those who work with data but lack ability with Python.

NOVEMBER 2021 288PP
978-1-119-57331-9 PB \$55.00 (Japan)
General & Introductory Statistics

SQL for Data Scientists

A Beginner's Guide for Building Datasets for Analysis

RENEE M TEATE

Jump-start your career as a data scientist--learn to develop datasets for exploration, analysis, and machine learning

SQL for Data Scientists: A Beginner's Guide for Building Datasets for Analysis

is a resource that's dedicated to the Structured Query Language (SQL) and dataset design skills that data scientists use most. Aspiring data scientists will learn how to construct datasets for exploration, analysis, and machine learning. You can also discover how to approach query design and develop SQL code to extract data insights while avoiding common pitfalls.

You may be one of many people who are entering the field of Data Science from a range of professions and educational backgrounds, such as business analytics, social science, physics, economics, and computer science. Like many of them, you may have conducted analyses using spreadsheets as data sources, but never retrieved and engineered datasets from a relational database using SQL, which is a programming language designed for managing databases and extracting data.

This guide for data scientists differs from other instructional guides on the subject. It doesn't cover SQL broadly. Instead, you'll learn the subset of SQL skills that data analysts and data scientists use frequently. You'll also gain practical advice and direction on "how to think about constructing your dataset."

In this book, author Renee Teate shares knowledge gained during a 15-year career working with data, in roles ranging from database developer to data analyst to data scientist. She guides you through SQL code and dataset design concepts from an industry practitioner's perspective, moving your data scientist career forward!



NOVEMBER 2021 UnknownPP
978-1-119-66936-4 PB \$50.00 (Japan)
Data Analysis

テストプレップ

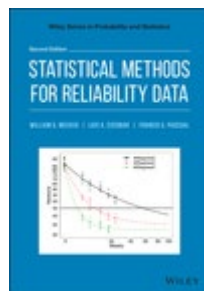
Statistical Methods for Reliability Data

2nd Edition

WILLIAM Q. MEEKER, LUIS A. ESCOBAR & FRANCIS G. PASCUAL

Iowa State University, Ames; Louisiana State University ;
Washington State University**An authoritative guide to the most recent advances in statistical methods for quantifying reliability**

Statistical Methods for Reliability Data, Second Edition (SMRD2) is an essential guide to the most widely used and recently developed statistical methods for reliability data analysis and reliability test planning. Written by three experts in the area, SMRD2 updates and extends the long-established statistical techniques and shows how to apply powerful graphical, numerical, and simulation-based methods to a range of applications in reliability. SMRD2 is a comprehensive resource that describes maximum likelihood and Bayesian methods for solving practical problems that arise in product reliability and similar areas of application. This text illustrates methods with numerous applications and all the data sets are available on the book's website. Also, SMRD2 contains an extensive collection of exercises that will enhance its use as a course textbook.



Written for engineers and statisticians in industry and academia, *Statistical Methods for Reliability Data, Second Edition* includes access to a companion website with valuable resources, including R packages, Stan model codes, presentation slides, technical notes, information about commercial software for reliability data analysis, and csv files for the data sets used in the book's examples and exercises.

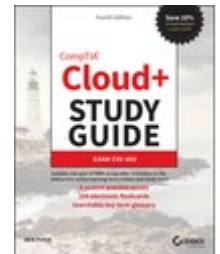
SERIES: WILEY SERIES IN PROBABILITY AND STATISTICS

NOVEMBER 2021 672PP
978-1-118-11545-9 CL \$135.00 (Japan)
QUALITY, PRODUCTIVITY & RELIABILITY**CompTIA Cloud+ Study Guide**

Exam CV0-003, 3rd Edition

BEN PIPER

In the newly revised Third Edition of *CompTIA Cloud+ Study Guide: Exam CV0-003*, expert IT Ben Piper delivers an industry leading resource for anyone preparing for the CompTIA Cloud+ certification and a career in cloud services. The book introduces candidates to the skills and the competencies critical for success in the field and on the exam.



The book breaks down challenging cloud management concepts into intuitive and manageable topics, including cloud architecture and design, cloud security, deployment, operations and support, and cloud troubleshooting. It also offers practical study features, like Exam Essentials and challenging chapter review questions.

Written in a concise and straightforward style that will be immediately familiar to the hundreds of thousands of readers who have successfully use other CompTIA study guides to further their careers in IT, the book offers:

- Efficient and effective training for a powerful certification that opens new and lucrative career opportunities
- Fully updated coverage for the new Cloud+ CV0-003 Exam that includes the latest in cloud architecture and design
- Access to the Sybex online learning center, with chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms

Perfect for everyone preparing for the *CompTIA Cloud+ Exam CV0-003* certification, this book is an ideal resource for current and aspiring cloud services professionals seeking an efficient and up-to-date resource that will dramatically improve their ability to maintain, secure, and optimize cloud environments.

NOVEMBER 2021 432PP
978-1-119-81086-5 PB \$50.00 (Japan)
CERTIFICATION (MSCE, NOVELL, ETC.)

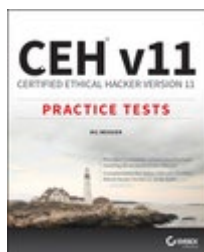
獣医学

CEH v11**Certified Ethical Hacker Version 11 Practice Tests**

RIC MESSIER, UNITED STATES

Master CEH v11 and identify your weak spots

CEH: Certified Ethical Hacker Version 11 Practice Tests are the ideal preparation for this high-stakes exam. Five complete, unique practice tests are designed to help you identify weak spots in your understanding, so you can direct your preparation efforts efficiently and gain the confidence--and skills--you need to pass. These tests cover all section sections of the exam blueprint, allowing you to test your knowledge of Background, Analysis/Assessment, Security, Tools/Systems/Programs, Procedures/Methodology, Regulation/Policy, and Ethics. Coverage aligns with CEH version 11, including material to test your knowledge of reconnaissance and scanning, cloud, tablet, and mobile and wireless security and attacks, the latest vulnerabilities, and the new emphasis on Internet of Things (IoT). The exams are designed to familiarize CEH candidates with the test format, allowing them to become more comfortable apply their knowledge and skills in a high-pressure test setting. The ideal companion for the Sybex CEH v11 Study Guide, this book is an invaluable tool for anyone aspiring to this highly-regarded certification.



Offered by the International Council of Electronic Commerce Consultants, the Certified Ethical Hacker certification is unique in the penetration testing sphere, and requires preparation specific to the CEH exam more than general IT security knowledge. This book of practice tests help you steer your study where it needs to go by giving you a glimpse of exam day while there's still time to prepare.

By getting inside the mind of an attacker, you gain a one-of-a-kind perspective that dramatically boosts your marketability and advancement potential. If you're ready to attempt this unique certification, the *CEH: Certified Ethical Hacker Version 11 Practice Tests* are the major preparation tool you should not be without.

DECEMBER 2021 UnknownPP
978-1-119-82451-0 PB \$40.00 (Japan)
MISC (OTHER) CERTIFICATIONS

BSAVA Manual of Canine and Feline Dermatology

4th Edition

EDITOR HILARY JACKSON & EDITOR ROSANNA MARSELLA

Dermatology Referral Service, Glasgow, UK; University of Florida, College of Veterinary Medicine

Dermatology constitutes a large percentage of the daily caseload in small animal practice and can represent a challenge for the busy practitioner, as many different diseases have similar presenting signs. For this reason, a structured understanding of how to approach a dermatological case is essential for a successful outcome.



The 4th edition of the *BSAVA Manual of Canine and Feline Dermatology* has been completely updated, chapters have been expanded and structurally divided to include the management of specific diseases and common dermatological cases, such as ectoparasite infestation and its treatment and prophylaxis, atopic dermatitis and its management, superficial and deep pyoderma and their treatment, feline-specific conditions and their management, autoimmune and immune-mediated diseases and a targeted management, etc. New chapters have also been added to this new edition, such topical treatments, nutrients of the skin and regional dermatoses.

The manual begins by providing the reader with a grounding in examination and investigative techniques, including a new chapter on cytology. The second section focuses on a problem-oriented approach to common dermatological conditions and their management. The final part of the manual covers the major skin diseases of dogs and cats.

SERIES: BSAVA BRITISH SMALL ANIMAL VETERINARY ASSOCIATION

NOVEMBER 2021 350PP
978-1-910443-80-4 PB \$115.00 (Japan)
VETERINARY DERMATOLOGY

Blackwell's Five-Minute Veterinary Consult Clinical Companion

Equine Toxicology

EDITOR LYNN R. HOVDA, EDITOR DIONNE BENSON & EDITOR ROBERT H. POPPENG

Pet Poison Helpline and SafetyCall International, PLLC;
University of California at Davis, California, USA.

Blackwell's Five-Minute Veterinary Consult Clinical Companion: Equine Toxicology provides crucial information for managing toxicants in horses in a quick-reference format. The book begins with foundational information on clinical toxicology, including emergency management, antidotes, sample analysis, and necropsy. It then discusses specific toxicant categories and toxicants of concern, organized alphabetically for fast access in emergency situations.

The identically formatted topics offer key information relevant to managing toxicants in horses, plus clinical photographs depicting plants and drugs to help clinicians and students identify toxicants. A companion website presents the figures from the book for download in PowerPoint.

This book is the ideal clinical resource for busy practitioners seeking immediate access to life-saving information in time-sensitive emergencies. It places all the information the reader needs to manage toxicants in horses at their fingertips, with full color images and concise bullet points.

Blackwell's Five-Minute Veterinary Consult Clinical Companion: Equine Toxicology is an indispensable reference for veterinary clinicians and students dealing with equine medicine, as well as for anyone seeking concise and comprehensive information about equine toxicology.

SERIES: BLACKWELL'S FIVE-MINUTE VETERINARY CONSULT

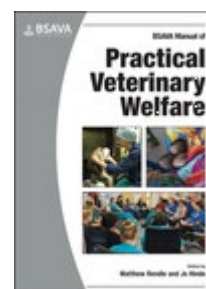
NOVEMBER 2021 560PP
978-1-119-67149-7 PB \$159.99 (Japan)
Veterinary Medicine - Equine

BSAVA Manual of Practical Veterinary Welfare

EDITOR MATTHEW RENDLE & EDITOR JO HINDE

Awareness of animal sentience and welfare continues to grow in parallel with that of human mental health. This brand new manual for the whole practice team provides concise practical information on how to assess and maintain the highest standards of welfare in all veterinary environments.

Written by a team of experts from a range of disciplines, the manual is relevant to all veterinary professionals and animal carers, as well as those studying animal welfare and behaviour. This title takes a holistic approach to animal health, and covers the welfare of the veterinary team and the One Health' positive aspects of pet ownership and animal contact.



SERIES: BSAVA BRITISH SMALL ANIMAL VETERINARY ASSOCIATION

NOVEMBER 2021 250PP
978-1-910443-78-1 PB \$110.00 (Japan)
Animal Welfare, Ethics & Law

AUTHOR INDEX

Adler, L. , Hire With Your Head.....	16
Agnello, S. , Spectroscopy for Materials Characterization	23
Ahmad, I. , Prosthodontics at a Glance.....	42
Amiard, J. , Disarmament and Decommissioning in the Nuclear Domain.....	28
Andrady, A. , Applications of Polymer Nanofibers	79
Arthur, A. , Construction Risk Management Decision Making	20
Asif, M. , The 4Ds of Energy Transition	52
Baiburin, A. , The Soviet Passport	59
Balamurugan, S. , Computation in Bioinformatics	34
Bardiot, C. , Performing Arts and Digital Humanities	9
Barkham, M. , Bergin and Garfield's Handbook of Psychotherapy and Behavior Change.....	78
Batchelor, H. , Basic Biopharmaceutics	26
Beacom, A. , The Parental Leave Playbook	79
Bejan, A. , Heat Transfer Principles	69
Bensrhair, A. , From AI to Autonomous and Connected Vehicles	36
Bertin, E. , Shaping Future 6G Networks.....	47
Bhargava, N. , Artificial Intelligence and Data Mining Approaches in Security Frameworks	45
Bonotto, E. , Generalized Ordinary Differential Equations in Abstract Spaces and Applications.....	65
Braidotti, R. , Posthuman Feminism.....	81
Braun, T. , Satellite Communications Payload and System	47
Bregman, P. , You Can Change Other People.....	13
Bruce, E. , The Great Ormond Street Hospital Manual of Children and Young People's Nursing Practices.....	72
Burd, B. , Beginning Programming with Java For Dummies.....	33
Burian, P. , A Companion to Aeschylus.....	63
Calagione, S. , The Dogfish Head Book	19
Cao, B. , Wireless Blockchain.....	46
CCPS (Center for Chemical Process Safety) , Process Plant Operations Human Factors Handbook.....	22
CFA Institute , Corporate Finance	58
Chandrasekaran, E. , Fuzzy Intelligent Systems	37
Choi, J. , Probabilistic Power System Expansion Planning with Renewable Energy Resources and Energy Storage Systems	52
Cottet, M. , Social and Policy Issues in River Restoration.....	55
Crawley, K. , 8 Steps to Better Security	39
Cypress, B. , Fundamentals of Qualitative Phenomenological Nursing Research	73
Dambricourt Malasse, A. , Embryogeny and Phylogeny of the Human Posture 1	61
Deane, A. , The Official (ISC)2 CISSP CBK Reference.....	40
DeVillie, B. , Text as Data	33
Donnelly, P. , How to Succeed at Revalidation	66
Duarte, J. , Options Trading For Dummies	57
Dubinsky, P. , The Fundamentals of Clinical Research	25
Favier, G. , Matrix and Tensor Decompositions in Signal Processing.....	50
Finegan, T. , Amplifiers.....	11
Fisher, J. , I Took the Only Path To See You	11
Fleurence, J. , Microalgae.....	62
Garcia-Mancheno, O. , Anion-Binding Catalysis	25
Gehry Nelson, D. , Cultivating Curiosity.....	44
Giddens, A. , Sociology.....	80
Greenfield, D. , Overcoming Internet Addiction For Dummies.....	78
Griffith, C. , Rook's Dermatology Handbook	67
Guerrier, C. , Security and its Challenges in the 21st Century	32
Gutmair, U. , The First Days of Berlin	41
Hallam, A. , Millionaire Expat.....	56
Hodgett, R. , Smart Decisions.....	14
Hogans, B. , Pain Medicine at a Glance.....	68
Hovda, L. , Blackwell's Five-Minute Veterinary Consult Clinical Companion.....	85

Huang, X. , Polymer Composites for Electrical Engineering.....	49
Huang, Y. , Antennas.....	45
Hussain, C. , Biotechnology for Zero Waste.....	24
Icenhower, B. , The High-Performing Real Estate Team.....	18
Iyer, R. , Dependable Computing.....	39
Jackson, H. , BSAVA Manual of Canine and Feline Dermatology.....	84
Jana, S. , Nanoengineering of Biomaterials.....	72
Jones, L. , Beginnings of Interior Environments.....	10
Jouhara, H. , Waste Heat Recovery in Process Industries.....	22
Kamburugamuva, S. , Foundations of Data Intensive Applications.....	35
Kaner, S. , Facilitator's Guide to Participatory Decision-Making.....	14
Kathires, M. , Integration of Renewable Energy Sources with Smart Grid.....	50
Kelley, W. , A New Companion to Herman Melville.....	64
Kibert, C. , Sustainable Construction.....	21
Sch&uuml	75
Krendlinger, E. , Natural and Synthetic Waxes.....	24
Kumar, P. , Climate Impacts on Sustainable Natural Resource Management.....	53
Kumar, T. , Simulation and Analysis of Mathematical Methods in Real Time Engineering Applications.....	64
Lai, W. , Echocardiography in Pediatric and Congenital Heart Disease.....	66
Le Deuff, O. , Hyperdocumentation.....	31
Lee, B. , MCA Microsoft 365 Teams Administrator Study Guide.....	29
Lee, S. , From LED to Solid State Lighting.....	48
Lorber, J. , The New Gender Paradox.....	81
Lyon, D. , Pandemic Surveillance.....	41
Mangla, M. , Emerging Technologies for Healthcare.....	36
Marohn, C. , Confessions of a Recovering Engineer.....	19
Mastrodomenico, R. , The Python Book.....	82
Mazumdar, P. , Manual of Laboratory Testing Methods for Dental Restorative Materials.....	43
McCarthy, B. , Small Business Revolution.....	17
Meeker, W. , Statistical Methods for Reliability Data.....	83
Messier, R. , CEH v11.....	84
Minoli, D. , High-Density and De-Densified Smart Campus Communications.....	46
Mishra, B. , Environmental and Agricultural Microbiology.....	23
Mittal, K. , Progress in Adhesion and Adhesives, Volume 6.....	70
Mohindru, V. , Unmanned Aerial Vehicles for Internet of Things (IoT).....	38
Monye, I. , Lifestyle Medicine.....	65
Morizot, B. , Ways of Being Alive.....	74
Moustaki, N. , Finches For Dummies.....	61
Muller, M. , Photovoltaic Manufacturing.....	51
Nagel, C. , Professional C# and .NET.....	32
Naini, F. , Preadjusted Edgewise Fixed Orthodontic Appliances.....	43
Nancy, J. , An All-Too-Human Virus.....	74
Nguyen, T. , Organic Electronics, Volume 2.....	70
Nordgren, L. , The Human Element.....	12
Pacult, F. , Buffalo, Barrels, & Bourbon.....	16
Padullaparthi Dayal, B. , VCSEL Industry.....	49
Papple Johnston, A. , Military Transition For Dummies.....	60
Peiris, C. , Threat Hunting in the Cloud.....	40
Perez, R. , Reliability in Rotating Machinery.....	68
Peters, S. , Physiologically-Based Pharmacokinetic (PBPK) Modeling and Simulations.....	26
Pettigrew, M. , Flow-Induced Vibration Handbook for Nuclear and Process Equipment.....	69
Petzel, T. , Modern Portfolio Management.....	56
Pfennig, B. , Principles of Inorganic Chemistry.....	27
Pierson, L. , Data Science For Dummies.....	34
Piper, B. , CompTIA Cloud+ Study Guide.....	83
Pirie, W. , Derivatives.....	58
Pirie, W. , Derivatives Workbook.....	58

Popkin, J. , A Concise History of the Haitian Revolution.....	59
Portman, J. , Building Services Design and Management.....	20
Prabhu, S. , Handbook of Oral Pathology and Oral Medicine.....	42
Prashantham, S. , Gorillas Can Dance.....	17
Protzer, E. , Reclaiming Populism.....	77
Quinn, M. , Jeremy Bentham.....	76
Rasmussen, M. , Late Capitalist Fascism.....	76
Rather, L. , Sustainable Practices in the Textile Industry.....	29
Rendle, M. , BSAVA Manual of Practical Veterinary Welfare.....	85
Seel, P. , Digital Universe.....	30
Sendin, A. , Smart Grid Telecommunications.....	53
Servigne, P. , Mutual Aid.....	54
Sharma, S. , Wetlands Conservation.....	62
Sherwood, G. , Quality and Safety in Nursing.....	73
Shifler, D. , La Que's Handbook on Marine Corrosion.....	71
Silbey, R. , Physical Chemistry.....	27
Singh, S. , Bioprospecting of Microorganism-Based Industrial Molecules.....	63
Smith, L. , Anger Management For Dummies.....	80
Srinivas, M. , Machine Learning Algorithms and Applications.....	38
Storlie, C. , Counseling Leaders and Advocates.....	77
Sumathi, D. , Cognitive Intelligence and Big Data in Healthcare.....	35
Sumiala, J. , Mediated Death.....	30
Tarun, R. , Fight Fire with Fire.....	31
Teate, R. , SQL for Data Scientists.....	82
Thrall, A. , The 12 Week Year for Writers.....	18
Tuff, G. , Provoke.....	12
Turnitsa, C. , Simulation and Wargaming.....	71
Upadhyaya, M. , Persistence Strategies of Weeds in Agriculture.....	9
Varma, R. , Smart Solar PV Inverters with Advanced Grid Support Functionalities.....	51
Varughese, R. , Clinical Guide to Paediatrics.....	67
Verhulst, S. , Fundamentals of Human Resource Management.....	15
Violet, J. , Why Play Works.....	44
Weiss, A. , Value-Based Fees.....	15
Wiesner-Hanks, M. , Gender in History.....	60
Wiley , Wiley's Level I CFA Program Study Guide 2022.....	57
Winkler, R. , Stufish.....	10
Wu, H. , Global Drought and Flood.....	54
Xu, J. , Innovative Approaches towards Ecological Coal Mining and Utilization.....	21
Yarali, A. , Intelligent Connectivity.....	37

SUBJECT INDEX

19th Century American Literature	
Kelley, A New Companion to Herman Melville, 1-119-66850-6	64
Addictions	
Greenfield, Overcoming Internet Addiction For Dummies, 1-119-71187-8	78
Animal Welfare, Ethics & Law	
Rendle, BSAVA Manual of Practical Veterinary Welfare, 1-910443-78-6	85
Antennas & Propagation	
Huang, Antennas, 1-119-09232-9	45
Apparatus & Plant Technology	
Mishra, Environmental and Agricultural Microbiology, 1-119-52623-X	23
Applied Mathematics in Engineering	
Kumar, Simulation and Analysis of Mathematical Methods in Real Time Engineering Applications, 1-119-78537-5	64
Applied Microbiology	
Singh, Bioprospecting of Microorganism-Based Industrial Molecules, 1-119-71724-8	63
Architecture Special Topics	
Winkler, Stufish, 1-119-81224-0	10
Artificial Intelligence	
Bensrhair, From AI to Autonomous and Connected Vehicles, 1-78630-727-8	36
Chandrasekaran, Fuzzy Intelligent Systems, 1-119-76045-3	37
Mangla, Emerging Technologies for Healthcare, 1-119-79172-3	36
Mohindru, Unmanned Aerial Vehicles for Internet of Things (IoT), 1-119-76882-9	38
Srinivas, Machine Learning Algorithms and Applications, 1-119-76885-3	38
Sumathi, Cognitive Intelligence and Big Data in Healthcare, 1-119-76888-8	35
Yarali, Intelligent Connectivity, 1-119-68518-4	37
Bioethics & Medical Ethics	
Schü.....	75
Biopharmaceuticals & Pharmaceutical Biotechnology	
Batchelor, Basic Biopharmaceutics, 1-119-67828-5	26
Biotechnology (Chemistry)	
Hussain, Biotechnology for Zero Waste, 3-527-34898-0	24
Building Maintenance & Services	
Portman, Building Services Design and Management, 1-119-72119-9	20
Business & Management Special Topics	
Calagione, The Dogfish Head Book, 1-119-64957-9	19
Marohn, Confessions of a Recovering Engineer, 1-119-69929-0	19
Thrall, The 12 Week Year for Writers, 1-119-81743-9	18
Business Data Processing	
DeVille, Text as Data, 1-119-48712-9	33
Business Self-Help	
Fisher, I Took the Only Path To See You, 1-119-79020-4	11
Cardiovascular Imaging	
Lai, Echocardiography in Pediatric and Congenital Heart Disease, 1-119-61280-2	66
Catalysis	
Garcia-Mancheno, Anion-Binding Catalysis, 3-527-34857-3	25
Certification (MSCE, Novell, etc.)	
Piper, CompTIA Cloud+ Study Guide, 1-119-81086-8	83
Classical Greek Literature	
Burian, A Companion to Aeschylus, 1-4051-8804-9	63
Communication System Security	
Bhargava, Artificial Intelligence and Data Mining Approaches in Security Frameworks, 1-119-76040-2	45
Communication Technology - Networks	
Bertin, Shaping Future 6G Networks, 1-119-76551-X	47
Computer Security & Cryptography	
Crawley, 8 Steps to Better Security, 1-119-81123-6	39

Deane, The Official (ISC)2 CISSP CBK Reference, 1-119-78999-0	40
Peiris, Threat Hunting in the Cloud, 1-119-80406-X	40
Conservation Science	
Sharma, Wetlands Conservation, 1-119-69268-7	62
Construction Management	
Arthur, Construction Risk Management Decision Making, 1-119-69300-4	20
Construction: Sustainability	
Kibert, Sustainable Construction, 1-119-70645-9	21
Consulting	
Weiss, Value-Based Fees, 1-119-77692-9	15
Corrosion	
Shifler, La Que's Handbook on Marine Corrosion, 1-119-78883-8	71
Cultural Studies General	
Gutmair, The First Days of Berlin, 1-5095-4729-0	41
Data Analysis	
Teate, SQL for Data Scientists, 1-119-66936-7	82
Data Mining & Knowledge Discovery	
Balamurugan, Computation in Bioinformatics, 1-119-65471-8	34
Kamburugamuva, Foundations of Data Intensive Applications, 1-119-71302-1	35
Pierson, Data Science For Dummies, 1-119-81155-4	34
Decision Sciences	
Hodgett, Smart Decisions, 1-119-30933-6	14
Dental Technology & Materials Science	
Mazumdar, Manual of Laboratory Testing Methods for Dental Restorative Materials, 1-119-68799-3	43
Dermatology	
Griffith, Rook's Dermatology Handbook, 1-119-42819-X	67
Differential Equations	
Bonotto, Generalized Ordinary Differential Equations in Abstract Spaces and Applications, 1-119-65493-9	65
Digital Culture & the Information Age	
Lyon, Pandemic Surveillance, 1-5095-5030-5	41
Drug Discovery & Development	
Dubinsky, The Fundamentals of Clinical Research, 1-118-94959-5	25
Peters, Physiologically-Based Pharmacokinetic (PBPK) Modeling and Simulations, 1-119-49768-X	26
Electric Power Systems	
Choi, Probabilistic Power System Expansion Planning with Renewable Energy Resources and Energy Storage Systems, 1-119-68413-7	52
Electronic Materials	
Huang, Polymer Composites for Electrical Engineering, 1-119-71960-7	49
Electronic Packaging	
Lee, From LED to Solid State Lighting, 1-118-88147-8	48
Environmental Change	
Kumar, Climate Impacts on Sustainable Natural Resource Management, 1-119-79337-8	53
Environmental Economics & Politics	
Servigne, Mutual Aid, 1-5095-4791-6	54
Feminist Theory	
Braidotti, Posthuman Feminism, 1-5095-1807-X	81
Fluvial Hydrology & Limnology	
Cottet, Social and Policy Issues in River Restoration, 1-119-40998-5	55
Gender & History	
Wiesner-Hanks, Gender in History, 1-119-71920-8	60
Gender & Sexuality	
Lorber, The New Gender Paradox, 1-5095-4435-6	81
General & Introductory Medical Science	
Monye, Lifestyle Medicine, 1-119-79591-5	65
General & Introductory Statistics	
Mastrodomenico, The Python Book, 1-119-57331-9	82
General Biology	

Dambricourt Malasse, Embryogeny and Phylogeny of the Human Posture 1, 1-78630-606-9	61
General Finance & Investments	
Hallam, Millionaire Expat, 1-119-84010-4	56
Petzel, Modern Portfolio Management, 1-119-81850-8	56
General Philosophy	
Morizot, Ways of Being Alive, 1-5095-4720-7	74
Nancy, An All-Too-Human Virus, 1-5095-5021-6	74
General Self-Help	
Smith, Anger Management For Dummies, 1-119-82827-9	80
Geology & Geophysics	
Wu, Global Drought and Flood, 1-119-42730-4	54
Human Resource Management	
Adler, Hire With Your Head, 1-119-80888-X	16
Verhulst, Fundamentals of Human Resource Management, 1-119-80374-8	15
Industrial Chemistry	
Krendlinger, Natural and Synthetic Waxes, 3-527-34222-2	24
Information Technologies	
Le Deuff, Hyperdocumentation, 1-78630-644-1	31
Inorganic Chemistry	
Pfennig, Principles of Inorganic Chemistry, 1-119-65032-1	27
Interior Design	
Jones, Beginnings of Interior Environments, 1-119-84992-6	10
Introduction to Sociology	
Giddens, Sociology, 1-5095-4912-9	80
Investments & Securities	
CFA Institute, Corporate Finance, 1-119-74376-1	58
CFA Institute, Corporate Finance, 1-119-74381-8	58
Pirie, Derivatives Workbook, 1-119-85327-3	58
Pirie, Derivatives, 1-119-85057-6	58
Joining, Welding and Adhesion	
Mittal, Progress in Adhesion and Adhesives, Volume 6, 1-119-84665-X	70
Latin American & Caribbean History	
Popkin, A Concise History of the Haitian Revolution, 1-119-74633-7	59
Management / Leadership	
Bregman, You Can Change Other People, 1-119-81653-X	13
Finegan, Amplifiers, 1-119-79455-2	11
Nordgren, The Human Element, 1-119-76504-8	12
Tuff, Provoke, 1-119-76447-5	12
Management / Teams	
Kaner, Facilitator's Guide to Participatory Decision-Making, 1-119-78906-0	14
Mass Communication	
Seel, Digital Universe, 1-119-63094-0	30
Mechanical Engineering - Design	
Perez, Reliability in Rotating Machinery, 1-119-63168-8	68
Mechanical Engineering Special Topics	
Pettigrew, Flow-Induced Vibration Handbook for Nuclear and Process Equipment, 1-119-81096-5	69
Media Studies	
Sumiala, Mediated Death, 1-5095-4453-4	30
Medical Education	
Hogans, Pain Medicine at a Glance, 1-118-83766-5	68
Medical Professional Development	
Donnelly, How to Succeed at Revalidation, 1-119-65037-2	66
Microbial Ecology	
Fleurence, Microalgae, 1-78630-587-9	62
Military History	
Papple Johnston, Military Transition For Dummies, 1-119-82478-8	60
Misc (other) certifications	

Messier, CEH v11, 1-119-82451-6	84
Mobile & Wireless Communications	
Cao, Wireless Blockchain, 1-119-79080-8	46
Minoli, High-Density and De-Densified Smart Campus Communications, 1-119-71605-5	46
Nanomedicine	
Jana, Nanoengineering of Biomaterials, 3-527-34904-9	72
Networking / Security	
Guerrier, Security and its Challenges in the 21st Century, 1-78630-621-2	32
Tarun, Fight Fire with Fire, 1-119-85426-1	31
Nuclear and Radiochemistry	
Amiard, Disarmament and Decommissioning in the Nuclear Domain, 1-78630-721-9	28
Nursing Children & Young People	
Bruce, The Great Ormond Street Hospital Manual of Children and Young People's Nursing Practices, 1-118-89822-2	72
Nursing Education & Professional Development	
Sherwood, Quality and Safety in Nursing, 1-119-68423-4	73
Nursing Research	
Cypress, Fundamentals of Qualitative Phenomenological Nursing Research, 1-119-78007-1	73
Object Technologies - Java	
Burd, Beginning Programming with Java For Dummies, 1-119-80691-7	33
Operating Systems / Microsoft Windows	
Lee, MCA Microsoft 365 Teams Administrator Study Guide, 1-119-77334-2	29
Oral Pathology	
Prabhu, Handbook of Oral Pathology and Oral Medicine, 1-119-78112-4	42
Organic Electronics	
Nguyen, Organic Electronics, Volume 2, 1-78630-610-7	70
Orthodontics	
Naini, Preadjusted Edgewise Fixed Orthodontic Appliances, 1-118-81769-9	43
Parallel and Distributed Computing	
Iyer, Dependable Computing, 1-118-70944-6	39
Pediatrics	
Varughese, Clinical Guide to Paediatrics, 1-119-53911-0	67
Performing Arts	
Bardiot, Performing Arts and Digital Humanities, 1-78630-705-7	9
Personal Finance	
Duarte, Options Trading For Dummies, 1-119-82830-9	57
Personal Finance / Financial Advising	
Wiley, Wiley's Level I CFA Program Study Guide 2022, 1-119-71422-2	57
Pests, Diseases & Weeds	
Upadhyaya, Persistence Strategies of Weeds in Agriculture, 1-119-52560-8	9
Pet Care / Birds	
Moustaki, Finches For Dummies, 1-119-75531-X	61
Physical Chemistry	
Silbey, Physical Chemistry, 0-470-56660-4	27
Political Philosophy & Theory	
Quinn, Jeremy Bentham, 1-5095-2190-9	76
Rasmussen, Late Capitalist Fascism, 1-5095-4743-6	76
Political Science Special Topics	
Protzer, Reclaiming Populism, 1-5095-4811-4	77
Polymer Science & Technology General	
Andrady, Applications of Polymer Nanofibers, 1-119-26768-4	79
Power Technology & Power Engineering	
Asif, The 4Ds of Energy Transition, 3-527-34882-4	52
Process Engineering	
Xu, Innovative Approaches towards Ecological Coal Mining and Utilization, 3-527-34692-9	21
Process Intensification & Integration	
Jouhara, Waste Heat Recovery in Process Industries, 3-527-34856-5	22
Process Safety	

CCPS (Center for Chemical Process Safety), Process Plant Operations Human Factors Handbook, 1-119-64049-0	22
Programming / C & C++	
Nagel, Professional C# and .NET, 1-119-79720-9	32
Property & Real Estate	
Icenhower, The High-Performing Real Estate Team, 1-119-80185-0	18
Prosthodontics	
Ahmad, Prosthodontics at a Glance, 1-119-74972-7	42
Psychology General	
Storlie, Counseling Leaders and Advocates, 1-119-81415-4	77
Psychotherapy & Counseling	
Barkham, Bergin and Garfield's Handbook of Psychotherapy and Behavior Change, 1-119-53658-8.....	78
Quality, Productivity & Reliability	
Meeker, Statistical Methods for Reliability Data, 1-118-11545-7	83
Relationships, Parenting & Family Life	
Beacom, The Parental Leave Playbook, 1-119-78923-0.....	79
Renewable Energy	
Kathires, Integration of Renewable Energy Sources with Smart Grid, 1-119-75042-3	50
Satellite Communications	
Braun, Satellite Communications Payload and System, 1-119-38431-1	47
Semiconductors	
Padullaparthi Dayal, VCSEL Industry, 1-119-78219-8	49
Signal Processing	
Favier, Matrix and Tensor Decompositions in Signal Processing, 1-78630-155-5.....	50
Small Business & Entrepreneurship	
McCarthy, Small Business Revolution, 1-119-80264-4	17
Pacult, Buffalo, Barrels, & Bourbon, 1-119-59991-1.....	16
Prashantham, Gorillas Can Dance, 1-119-82358-7	17
Smart Grid	
Sendin, Smart Grid Telecommunications, 1-119-75537-9	53
Solar Energy & Photovoltaics	
Muller, Photovoltaic Manufacturing, 1-119-24189-8	51
Varma, Smart Solar PV Inverters with Advanced Grid Support Functionalities, 1-119-21418-1	51
Spectroscopy	
Agnello, Spectroscopy for Materials Characterization, 1-119-69732-8.....	23
Sustainable Chemistry & Green Chemistry	
Rather, Sustainable Practices in the Textile Industry, 1-119-81888-5.....	29
Teacher Education (K-12)	
Gehry Nelson, Cultivating Curiosity, 1-119-82416-8.....	44
Teaching & Learning (K-12)	
Violet, Why Play Works, 1-119-77454-3.....	44
Theory, Modeling & Simulation	
Turnitsa, Simulation and Wargaming, 1-119-60478-8.....	71
Thermodynamics	
Bejan, Heat Transfer Principles, 1-119-46740-3	69
Twentieth Century & Contemporary History	
Baiburin, The Soviet Passport, 1-5095-4318-X	59
Veterinary Dermatology	
Jackson, BSAVA Manual of Canine and Feline Dermatology, 1-910443-80-8	84
Veterinary Medicine - Equine	
Hovda, Blackwell's Five-Minute Veterinary Consult Clinical Companion, 1-119-67149-3.....	85