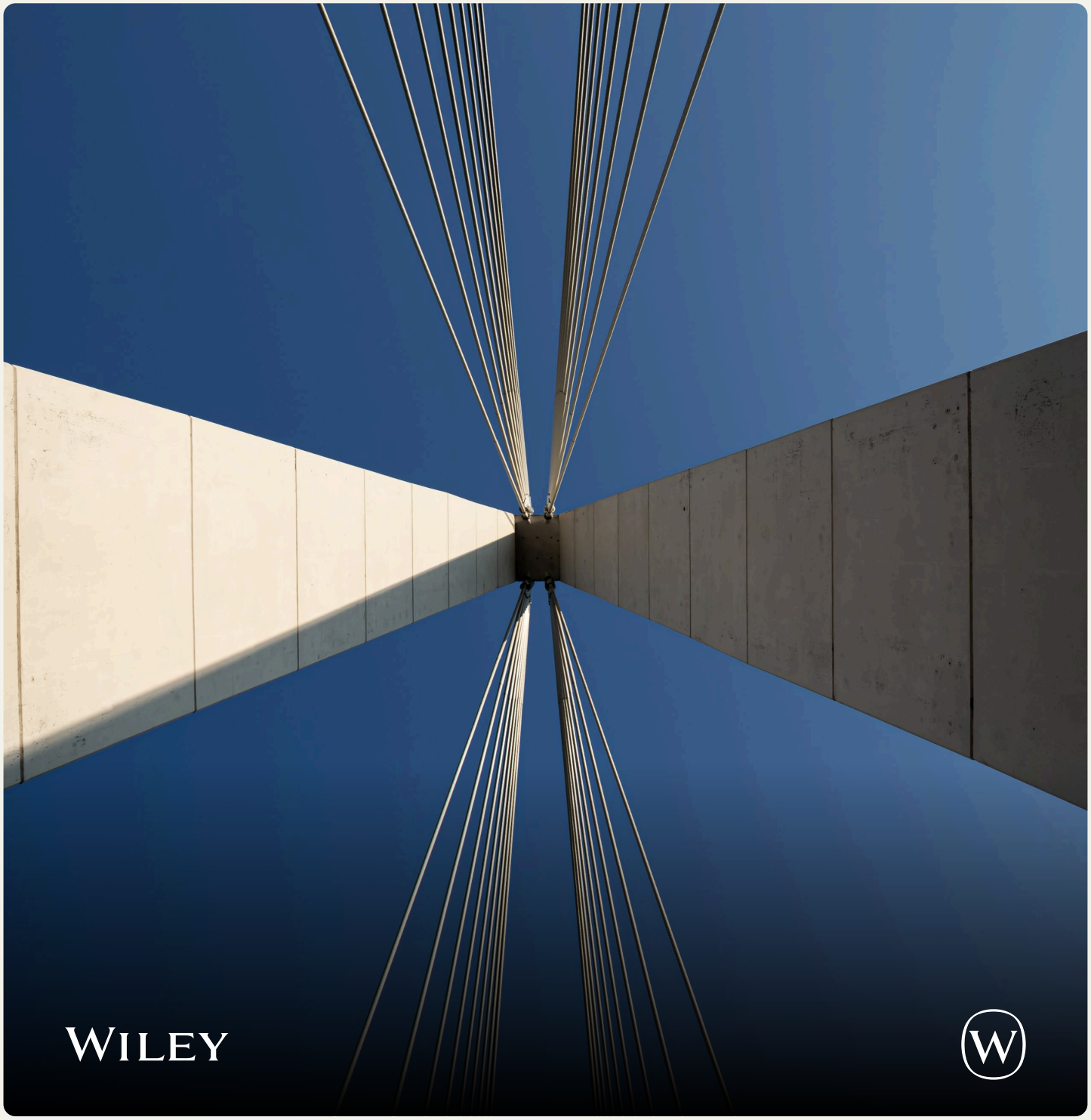
JAN-APR 2026

Engineering, Computer Science & Mathematics



WILEY

Table of Contents

Architecture & Planning

Architecture Special Topics 1
Building Design 1
Interior Design 1
Landscape Design 1
Planning 1

Biomedical Engineering

Bioinstrumentation & Biosensors 2
Biomedical Imaging 2
Medical Informatics & Biomedical Information Technology 2

Chemical Engineering

Chemical Engineering 2
Process Development 3

Civil Engineering & Construction

Construction 3
Environmental Engineering 4
General & Introductory Civil Engineering & Construction 4
Soil (Civil Engineering) 4

Computer Science

Artificial Intelligence 5
Business Data Processing 9
Computer Graphics 9
Computer Hardware 9
Computer Security & Cryptography 9
General & Introductory Computer Science 9
Information Technologies 9
Networking 10
Programming & Software Development 10

Computing

Computer Hardware (general) 11
Internet General 11
Office Productivity-Non-Microsoft (General & Suites) 11
Office Productivity-Microsoft (General & Office suite) 11

Electrical & Electronic Engineering

Circuit Theory & Design 11
Communication Technology 12
Computer Engineering 12
Control Systems Technology 13
Electrical Engineering - Displays 13
Electromagnetic Theory 13
General & Introductory Electrical & Electronics Engineering 13
Imaging Systems & Technology 13
Intelligent Systems & Agents 13
Power Electronics 13
Signal Processing 14
Systems Engineering & Management 14

All information and prices stated are accurate at time of print and exclude any taxes applicable by country.

WILEY

Table of Contents

General Energy

Electric Power Systems 14
Natural Gas & Petroleum Products 14
Renewable Energy 15
Smart Grid 15

Industrial Engineering

Industrial Engineering / Manufacturing 15

Material Science

Ceramics 16
Composites 16
Corrosion 16
Electronic Materials 16
Materials for Energy Systems 16
Optical Materials 17

Mechanical Engineering

Aeronautic & Aerospace Engineering 17
Mechanical Engineering - Design 17
Thermodynamics 18

Nanotechnology Special Topics

Nanomaterials 18

Polymer Science & Technology

Polymer Science & Technology 18

Test Prep

Certification (MSCE, Novell, etc.) 18

Mathematics

Applied Mathematics 19
Cryptography 19
Discrete Mathematics 19
Numerical Methods 19

Physics & Astronomy

Astronomy & Astrophysics 20
General & Introductory Physics 20
Mathematical & Computational Physics 20
Polymer Physics 20
Theoretical Physics 20

Statistics

Applied Probability & Statistics 20
Biostatistics 20
Data Mining Statistics 21
Probability & Mathematical Statistics 21
Statistics for Social Sciences 21

Test Prep

College Test Prep 21

All information and prices stated are accurate at time of print and exclude any taxes applicable by country.

9781119867982
Pub Date: 4/28/26
256 pages • Paperback
Architecture / Buildings / Public, Commercial & Industrial

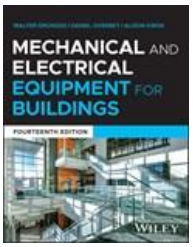
Evidence-Based Design for Healthcare Improvement: Using the Built Environment as a Tool

Craig Zimring, Lisa Lim, Robert Stroebel

Evidence-Based Design for Healthcare Improvement

A practical and timely guide to using Evidence-Based Design (EBD) to transform healthcare.

Evidence-Based Design for Healthcare Improvement shows how the built environment can be a powerful tool for advancing healthcare outcomes. With accessible, well-illustrated chapters written by leading experts in EBD in collaboration with clinicians, this book bridges the gap between research and practice



9781394257119
Pub Date: 4/14/26
Hardcover
Architecture / Design, Drafting, Drawing & Presentation

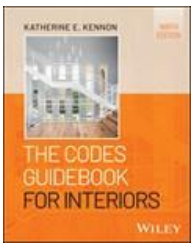
Mechanical and Electrical Equipment for Buildings *(14th Edition)*

Walter T. Grondzik, Daniel Overbey, Alison G. Kwok

Updated edition of the leading award-winning reference on mechanical and electrical systems for buildings of all sizes

Twice awarded the AIA's Citation for Excellence in International Architecture Book Publishing, *Mechanical and Electrical Equipment for Buildings* comprehensively reviews mechanical and electrical systems for buildings of all sizes, providing design guidelines and detailed design procedures for each topic covered. To assist with learning, this book contains in-depth discussions of "why" and "how to," which help the reader better understand concepts and

---



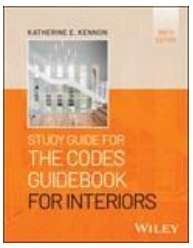
9781394281145
Pub Date: 1/27/26
624 pages • Hardcover
House & Home / Design & Construction

The Codes Guidebook for Interiors *(9th Edition)*

Katherine E. Kennon

Interior codes and standards reference of choice for designers and architects, updated with the latest ICC building codes

This Ninth Edition of *The Codes Guidebook for Interiors* features explanations of the standards, codes, and regulations that are relevant to designers and architects for interior projects. The content is revised and updated in accordance with the latest ICC and NFPA codes including the 2024 International Building Code and NFPA 101 Life Safety Code. The book addresses a range of regulations including building codes, finish standards, performance



9781394281176
Pub Date: 2/18/26
224 pages • Paperback
Architecture / Interior Design

Study Guide for The Codes Guidebook for Interiors *(9th Edition)*

Katherine E. Kennon

A comprehensive study guide for understanding architectural interior codes

The newly revised *Study Guide for The Codes Guidebook for Interiors* is an essential companion to the updated 9th edition of *The Codes Guidebook for Interiors*. The *Study Guide* is an excellent resource for measuring and testing your understanding of codes and regulation for interior projects.

This resource helps to apply the codes to both renovations and new construction and for a variety of occupancy types. To accomplish this, the *Study Guide* includes:

9781394197545
Pub Date: 4/28/26
304 pages • Paperback
Architecture / Interior Design

Space Planning Basics *(5th Edition)*

Mark Karlen, Rob Fleming, Saglinda H. Roberts, Sharon B. Jaffe

Definitive guide to space planning, revised and updated with the latest interior design techniques, examination requirements, and sustainability considerations

Space Planning Basics shows how to approach space planning in a way that ensures all considerations are met, from preliminary floor plans, to client programming needs, to how factors such as building codes and environmental factors affect a spatial composition, to sustainability. With step-by-step methodology based on the author team's combined decades of design experience, this authoritative

9781394281473
Pub Date: 3/4/26
524 pages • Hardcover
Architecture / Landscape

Sports Fields: Design, Construction, and Maintenance *(4th Edition)*

James C. Puhalla, J. Michael Goatley, Jr., Jeffrey V. Krans

Leading text on sports field management, now updated with the latest developments in, and on, the field

Sports Fields is a comprehensive reference on the design, construction, renovation, and maintenance of athletic facilities. This book contains numerous illustrative examples of specific design elements of the most popular sports facilities.

The book is divided into four parts. Part I discusses turfgrasses, with information on soils and soil science, fertility and fertilizers, mowing, irrigation, drainage, thatch

---

9781119892953
Pub Date: 1/21/26
576 pages • Paperback
Architecture / Urban & Land Use Planning

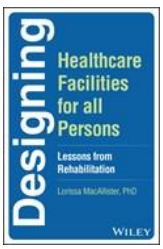
Street Design: The Secret to Great Cities and Towns *(2nd Edition)*

John Massengale, Victor Dover

A comprehensive blueprint for fixing America's cities and towns, updated and expanded

"This book should be required reading in schools of urban design, architecture, and landscape architecture, and an understanding of it should be part of the licensing requirements for civil, traffic, and transportation engineers." – Elizabeth Plater-Zyberk, DPZ coDESIGN, former Dean of the School of Architecture at the University of Miami.

"I am delighted by the eloquence, knowledge, thoroughness, and basic common sense of Street Design



9781394262625
Pub Date: 3/17/26
352 pages • Paperback
Medical / Public Health

Designing Healthcare Facilities for all Persons: Lessons from Rehabilitation

Lorissa Macallister

Provides expert guidance on designing inclusive healthcare spaces

Healthcare environments significantly impact patient outcomes, care delivery, and overall well-being. *Designing Healthcare Facilities for All Persons: Lessons from Rehabilitation* is an essential resource for professionals seeking to create inclusive spaces that promote healing, equity, and accessibility. Drawing on best practices from rehabilitation settings—where patients navigate diverse stages of illness and recovery—this practical guide demonstrates how thoughtful design can remove barriers

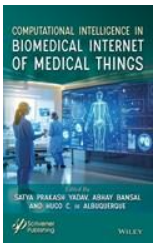
Spatial (In) Justice: How Does It Manifest in the Built Environment?

Adnan Morshed

Explores how spatial justice shapes equitable, empowering, and inclusive experiences

In an era increasingly defined by questions of equity and inclusion, *Spatial (In) Justice: How Does It Manifest in the Built Environment?* offers a vital, global interrogation of how architecture and planning impact the lived experiences of marginalized communities. Edited by Adnan Zillur Morshed, this timely volume brings together contributions from 30 leading thinkers and practitioners—architects, planners, scholars, and designers—who reflect on the ethical and philosophical responsibilities of

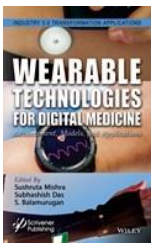
9781394294664
Pub Date: 3/31/26
304 pages • Paperback
Social Science / Activism & Social Justice



Computational Intelligence in Biomedical Internet of Medical Things

Satya Prakash Yadav, Abhay Bansal, Victor Hugo C. de Albuquerque

9781394386628
Pub Date: 2/25/26
400 pages • Hardcover
Computers / Artificial Intelligence / Expert Systems



Smart Wearables for Digital Medicine

Sushruta Mishra, Subhashish Das, S. Balamurugan

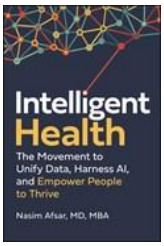
9781394271146
Pub Date: 3/17/26
400 pages • Hardcover
Science / Biotechnology

No Image Available

Biomedical Signal and Image Processing using Deep Learning

Md Rashid Mahmood, Mohd Rizal Arshad, Deepika Ingle, Rohit Raja

9781394233830
Pub Date: 4/28/26
608 pages • Hardcover
Technology & Engineering / Biomedical



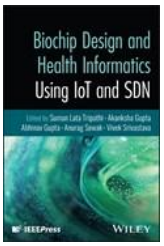
Intelligent Health: The Movement to Unify Data, Harness AI, and Empower People to Thrive

Nasim Afsar, MD, MBA

An audacious vision and actionable roadmap to a future where your health is unified, intelligent, and truly yours

Health is failing and care is fragmenting—and together they're bankrupting America. How do we break through today's maze of silos and create a single, person-first system that actually delivers health? In *Intelligent Health: The Movement to Unify Data, Harness AI, and Empower People to Thrive*, physician-executive and global health strategist Dr. Nasim Afsar delivers a bold yet practical blueprint for transforming health and care. Drawing on

9781394408269
Pub Date: 3/3/26
304 pages • Hardcover
Technology & Engineering / Biomedical



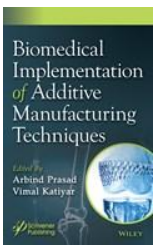
Biochip Design and Health Informatics Using IoT and SDN

Suman Lata Tripathi, Akanksha Gupta, Abhinav Gupta, Anurag Sewak, Vivek Srivastava

Enables readers to design biochips, use IoT for real-time health data, and apply software-defined networking (SDN) to manage healthcare networks

Biochip Design and Health Informatics Using IoT and SDN offers a comprehensive view on how biochips can be integrated with IoT and SDN technologies to revolutionize healthcare systems, providing a unique solution for building smart, interconnected health informatics systems. It explains how biochips combined with IoT enable continuous, real-time health data monitoring, helping

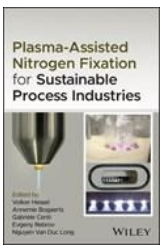
9781394360765
Pub Date: 4/21/26
256 pages • Hardcover
Technology & Engineering / Biomedical



Biomedical Implementation of Additive Manufacturing Techniques

Arbind Prasad, Vimal Katiyar

9781394333370
Pub Date: 5/19/26
448 pages • Hardcover
Technology & Engineering / Biomedical



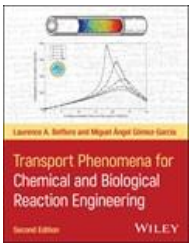
Plasma-Assisted Nitrogen Fixation for Sustainable Process Industries

Volker Hessel, Annemie Bogaerts, Gabriele Centi, Evgeny Rebrov, Nguyen Van Duc Long

This book provides in-depth insights into plasma-assisted nitrogen fixation, it covers advanced topics and emerging trends, making it a valuable resource for experts in these areas. It offers practical guidance on implementing plasma technology in nitrogen fixation, cost analysis, and case studies, making it relevant for engineers, plant managers, and decision-makers seeking to optimize their ammonia and NOx manufacturing processes.

The book is split into six parts covering Fundamentals of Nitrogen Fixation; Plasma Technology and Plasma

9781394283019
Pub Date: 1/28/26
480 pages • Hardcover
Technology & Engineering / Chemical & Biochemical

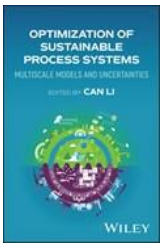


9781118152171
Pub Date: 2/5/20
636 pages • Hardcover
Technology & Engineering / Chemical & Biochemical

Transport Phenomena for Chemical and Biochemical Reaction Engineering *(2nd Edition)*

Laurence A. Belfiore

Transport Phenomena for Chemical and Biochemical Reaction Engineering provides a unique approach to reactor design that meshes two mainstream subject areas in chemical engineering: transport phenomena and chemical reactor design. Containing numerous worked out solutions, the new, larger format edition adds seven new chapters, including topics on tissue regeneration in porous biomaterials and coupled heat and mass transfer in catalytic pellets.



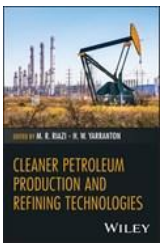
9781394205578
Pub Date: 5/5/26
416 pages • Hardcover
Technology & Engineering

Optimization of Sustainable Process Systems: Multiscale Models and Uncertainties

Can Li

This book covers the optimization of process systems operating under uncertainty across multiple spatial and temporal scales. Divided into two comprehensive parts, the first part lays the theoretical groundwork by introducing key mathematical frameworks and recent advancements in optimization under uncertainty and multiscale modeling and algorithms. Topics covered include Bayesian optimization, multi-objective and bilevel optimization, decomposition algorithms, and multiscale modeling and solution techniques.

The second part builds upon these foundations by



9781394209231
Pub Date: 5/12/26
560 pages • Hardcover
Technology & Engineering

Cleaner Petroleum Production and Refining Technologies

M. R. Riazi, Harvey W. Yarranton

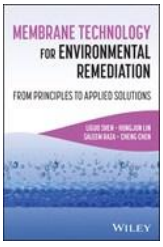
This book covers the latest developments towards the reduction of environmental impacts and greenhouse emissions in the fields of petroleum production and refining, petrochemical production, and biofuels production. Additionally, the book examines the reconfiguration of refineries to convert carbon residual into middle distillates and especially light olefins to provide feed for the petrochemical industry. The conversion of every barrel of very heavy oils into very light products is particularly important now that energy and GHG intensive heavy oil production is on the rise. Finally, methods o...

No Image Available

9781119536055
Pub Date: 2/3/26
400 pages • Hardcover
Science / Chemistry / Industrial & Technical

Membrane-Based Liquid Contactor Systems for Industrial Advancement and Sustainability

M. Madumala, Siddhartha Moulik, S. Sridhar



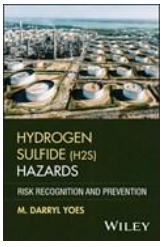
9781394388202
Pub Date: 3/4/26
240 pages • Hardcover
Technology & Engineering / Environmental / Water Supply

Membrane Technology for Environmental Remediation: From Principles to Applied Solutions

Liguo Shen

A definitive, practice-ready guide that unifies advanced membranes, nanomaterials, and smart control to solve real environmental problems at scale

Membrane Technology for Environmental Remediation: From Principles to Applied Solutions distills state-of-the-art membrane science into actionable engineering and maps the path from materials and mechanisms to field deployment. The text explores the core challenges of water scarcity, persistent pollution, and sustainable



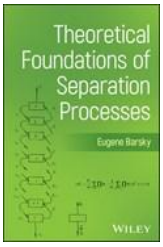
9781394376520
Pub Date: 3/17/26
240 pages • Hardcover
Science / Chemistry / Industrial & Technical

Hydrogen Sulfide (H2S) Hazards: Risk Recognition and Prevention

M. Darryl Yoes

An in-depth discussion of how to mitigate the risks posed by hydrogen sulfide in a wide variety of industries

In *Hydrogen Sulfide (H2S) Hazards: Risk Recognition and Prevention*, experienced refinery supervisor and manager M. Darryl Yoes delivers an expert discussion of how to address the risks posed by hydrogen sulfide in workplaces. With a focus on operations conducted within the United States, the book nevertheless explores issues of global importance. It describes what hydrogen sulfide is, where it comes from, its characteristics, the hazards it presents,



9781394321384
Pub Date: 5/5/26
384 pages • Hardcover
Science / Chemistry / Industrial & Technical

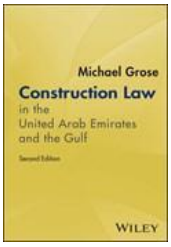
Theoretical Foundations of Separation Processes

Eugene Barsky

Enables readers to understand separation processes from a physical, combinatorial, and statistical perspective, focusing on the entropy of two-phase flows

Theoretical Foundations of Separation Processes delves into the underlying theory behind how substances separate from one another. Mathematical modeling and the concept of entropy play pivotal roles throughout the text.

This book includes information on:



9781394213603
Pub Date: 3/23/26
480 pages • Hardcover
Law / Construction

Construction Law in the United Arab Emirates and the Gulf *(2nd Edition)*

Michael Grose

A practical, legal resource for construction professionals operating in the UAE and the Gulf region

In the newly revised and updated second edition of *Construction Law in the United Arab Emirates and the Gulf*, experienced construction lawyer Michael Grose delivers an authoritative guide to construction law in the UAE and the Gulf. The book explains the most significant contrasts between construction law governed by an Islamic civil law jurisdiction and construction law in common law jurisdictions, as well as the practical impacts

9781119705758
Pub Date: 3/24/26
160 pages • Paperback
Architecture / Project Management

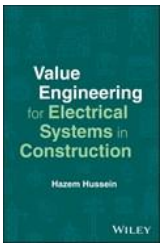
5D Building Information Modeling: Data-Driven Construction Supply Chain Integration

Pardis Pishdad

A roadmap to 5D+ BIM implementation with a focus on real-world use cases

5D Building Information Modeling: Data-Driven Construction Supply Chain Integration is a valuable guide for architectural, engineering, and construction professionals seeking to learn how to implement this technology to optimize work efficiency.

Beginning with a brief introduction to BIM and its history, the book highlights the unleveraged power of 5D+ in ameliorating the inefficiencies associated with fragmented construction supply chains. It covers the benefits of



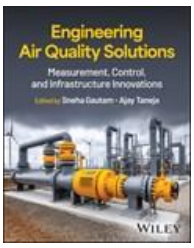
9781394298563
Pub Date: 4/27/26
496 pages • Hardcover
Technology & Engineering / Industrial Engineering

Value Engineering for Electrical Systems in Construction

Hazem Hussein

Comprehensive insights into value engineering principles tailored for electrical systems in construction with real-world examples included throughout

Value Engineering for Electrical Systems in Construction is a comprehensive guide that provides practical tools and methodologies to apply value engineering (VE) principles across the full lifecycle of electrical systems—from early-stage concept design to execution and retrofit. The book features detailed case studies, examples, templates, and checklists that serve both value engineering initiatives



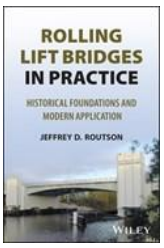
9781394373529
Pub Date: 4/28/26
512 pages • Hardcover
Technology & Engineering / Environmental / Pollution Control

Engineering Air Quality Solutions: Measurement, Control, and Infrastructure Innovations

Sneha Gautam, Ajay Taneja

A rigorous blueprint for designing, monitoring, and governing cleaner urban atmospheres with engineering-first precision

Engineering Air Quality Solutions: Measurement, Control, and Infrastructure Innovations by Sneha Gautam and Ajay Taneja offers up-to-date solutions for many of the hardest problems at the nexus of pollution science, civil systems, and policy. Drs. Gautam and Taneja draw on their extensive expertise in environmental science to offer an authoritative playbook that spans sensors, models,



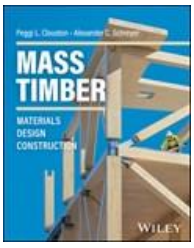
9781394347469
Pub Date: 2/4/26
Hardcover
Technology & Engineering / Civil / Bridges

Rolling Lift Bridges in Practice: Historical Foundations and Modern Application

Jeffrey D. Routson

Provides a definitive guide to the design, evolution, and practical application of Scherzer rolling lift bridges

Rolling Lift Bridges in Practice: Historical Foundations and Modern Application addresses a critical gap in contemporary bridge engineering literature by offering both a historical framework and a modern technical guide to Scherzer rolling lift bridges. For engineers tasked with designing resilient, movable structures that accommodate growing transportation demands, this authoritative book delivers the essential understanding to integrate proven



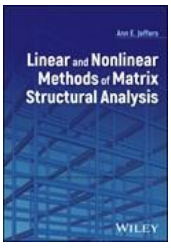
9781394251247
Pub Date: 2/18/26
Hardcover
Technology & Engineering / Civil

Mass Timber: Materials, Design, and Construction

Peggi L. Clouston, Alexander C. Schreyer

The most comprehensive reference on building with mass timber, extensively covering its sustainability, materials, building conceptualization, structural design and construction processes

Mass Timber: Materials, Design, and Construction is a one-stop resource book for mass timber construction with thorough textual descriptions, engaging images, many concept drawings, and discussion of state-of-the-art construction practices. The book draws from a large pool of images from the every-day to cutting-edge mass timber construction projects and includes extensive details



9781119864578
Pub Date: 3/23/26
480 pages • Hardcover
Technology & Engineering / Structural

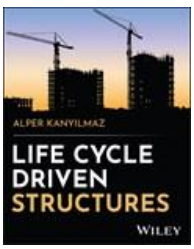
Linear and Nonlinear Methods of Matrix Structural Analysis

Ann E. Jeffers

Develop more advanced structural models with this must-have text

Recent technological advances have made computer models an integral part of structural design. In particular, nonlinear matrix structural analysis has permitted the widespread deployment of advanced analytical techniques to model, for instance, structural response to extreme load. No existing text, however, introduces both linear and nonlinear matrix structural analysis for the benefit of structural engineers.

Linear and Nonlinear Methods of Matrix Structural Analysis



9781394300525
Pub Date: 7/8/26
352 pages • Hardcover
Technology & Engineering / Civil

Life Cycle Driven Structures

Alper Kanyilmaz

A practical guide on assessing and reducing environmental impact across all building life cycle stages

As sustainability becomes central to design and construction practices, professionals must go beyond intuition and embrace Life Cycle Analysis (LCA) to measure and minimize embodied carbon. *Life Cycle Driven Structures* is a much-needed bridge between theory and application for assessing environmental performance across the full span of a building's life. Integrating life cycle thinking directly into structural design decision-making, this timely book equips readers with the

No Image Available

9781394203451
Pub Date: 6/2/26
1088 pages • Hardcover
Technology & Engineering / Structural

Advanced Foundation Engineering: Principles, Performance and Prospects

Moses Karakouzian

A practical, straightforward, and easy-to-use graduate-level textbook on the principles of foundation engineering

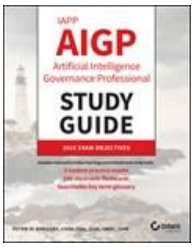
Advanced Foundation Engineering offers clear and detailed coverage of all aspects of the design, analysis, construction, and testing of structural elements responsible for transferring imposed loads from a superstructure to the ground. Written for advanced undergraduate and graduate engineering students, this comprehensive textbook incorporates traditional foundation engineering topics as well as recent advances and innovations in the

No Image Available

Integrating Immersive Technology (AR, VR, MR, XR) in Digital Learning

Abhishek Kumar, Vijayakumar Varadarajan, Thinagaran Perumal, Ambeth Kumar

9781119836124
Pub Date: 1/28/26
350 pages • Hardcover
Computers / Artificial Intelligence



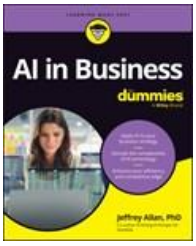
IAPP AIGP Artificial Intelligence Governance Professional Study Guide

Peter H. Gregory

An accurate and up-to-date guide to success on the AIGP certification exam and an essential resource for technology and business professionals with an interest in artificial intelligence governance

In the *IAPP AIGP Artificial Intelligence Governance Professional Study Guide*, tech educator and author of more than 50 cybersecurity and technology books, Peter H. Gregory, delivers a from-scratch guide to preparing for the 2025 Artificial Intelligence Governance Professional (AIGP) certification exam. It's an essential resource for technology professionals taking the test for the first time,

9781394363940
Pub Date: 1/28/26
320 pages • Paperback
Computers / Artificial Intelligence



AI in Business For Dummies

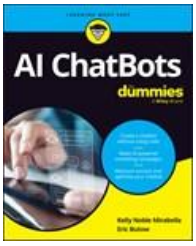
Jeffrey Allan

Create an AI strategy that best fits your business

You've heard about how artificial intelligence will revolutionize business, but maybe you're not sure how it will revolutionize your business. In *AI in Business For Dummies,* AI researcher and consultant Jeffrey Allan delivers clear insight into the capabilities of AI, the AI tools that get the job done, and how to best put artificial intelligence to work in your company.

Using the book's step-by-step instructions, you'll learn how to build the latest AI tech in your business strategies. You'll also discover real-world examples of effective AI ...

9781394377343
Pub Date: 2/3/26
368 pages • Paperback
Business & Economics / Industries / Computers & Information Technology



AI ChatBots For Dummies

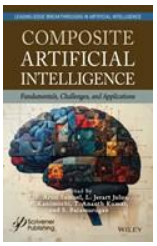
Eric Butow, Kelly Noble Mirabella

A handbook for professionals implementing or upgrading chatbots

In *AI Chatbots For Dummies,* chatbot expert Kelly Mirabella and veteran tech educator Eric Butow deliver a from-scratch guide to deploying AI-powered chatbots that keep your business' customers happy. The book offers step-by-step instructions to building your bot and putting it into use — even if you don't know how to code. You'll learn how to reduce your workload, improve your company's efficiency, increase customer satisfaction, and accomplish a ton of other useful business goals, like creating automated marketing campaigns and n...

9781394378555
Pub Date: 2/3/26
352 pages • Paperback
Computers / Artificial Intelligence / Natural Language Processing

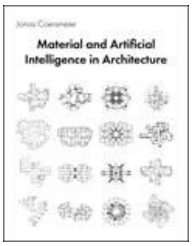
---



Composite Artificial Intelligence: Fundamentals, Challenges and Applications

T. S. Arun Samuel, L. Jerart Julus, P. Kanimozhi, T. Ananth Kumar, S. Balamurugan

9781394393039
Pub Date: 1/28/26
400 pages • Hardcover
Computers / Artificial Intelligence



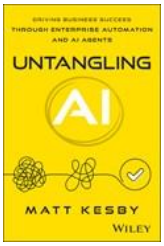
Material and Artificial Intelligence in Architecture

Jonas Coersmeier

Offers a bold and materially grounded rethinking of design with artificial intelligence, and proposes a new model of agency distributed across material, artificial, and human actors

Rooted in material philosophy and ecological design thinking, *Material and Artificial Intelligence in Architecture* establishes a comprehensive framework for understanding AI in architecture. Conceptually rigorous yet accessibly written and visually rich, the book interweaves design, theory, technology, and practice to explore how artificial intelligence, material agency, and human authorship will

9781394318261
Pub Date: 1/28/26
176 pages • Paperback
House & Home / Design & Construction



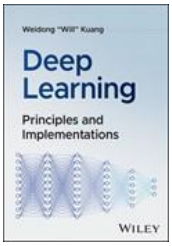
Untangling AI: Driving Business Success Through Enterprise Automation and AI Agents

Matt Kesby

Put AI at the foundation of your organization with proven adoption strategies you can deploy immediately

In *Untangling AI: Driving Business Success Through Enterprise Automation and AI Agents,* founder and Chief AI Officer at Multiplai Tech, Matt Kesby, delivers an incisive roadmap for business leaders interested in assessing where their companies stand in the AI adoption lifecycle and where they want to go. Kesby explains how to rethink your current operational model and how to replace traditional workflows with AI-powered decision-making

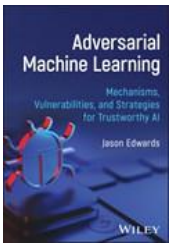
9781394394388
Pub Date: 2/10/26
304 pages • Paperback
Computers / Artificial Intelligence / Generative AI



Deep Learning: Principles and Implementations

Weidong Kuang, Heidi Kuang

9781394256006
Pub Date: 2/4/26
Hardcover
Computers / Artificial Intelligence / Computer Vision & Pattern Recognition



Adversarial Machine Learning: Mechanisms, Vulnerabilities, and Strategies for Trustworthy AI

Jason Edwards

Enables readers to understand the full lifecycle of adversarial machine learning (AML) and how AI models can be compromised

Adversarial Machine Learning is a definitive guide to one of the most urgent challenges in artificial intelligence today: how to secure machine learning systems against adversarial threats.

This book explores the full lifecycle of adversarial machine learning (AML), providing a structured, real-world understanding of how AI models can be compromised—and what can be done about it

9781394402038
Pub Date: 3/23/26
336 pages • Hardcover
Computers / Networking

No Image Available

Drones and Artificial Intelligence: The New Face of Warfare

Oroos Arshi, Inam Ullah Khan, Keshav Kaushik, Hamed Taherdoost, Khadija Slimani, Inam Ullah

9781394315192
Pub Date: 2/18/26
352 pages • Hardcover
Computers / Artificial Intelligence

A Developer's Guide to Integrating Generative AI into Applications

Chris Minnick

Create, implement, and scale commercially successful generative AI applications that solve real-world problems

In *A Developer's Guide to Integrating Generative AI into Applications*, software developer, technology educator, and author Chris Minnick explain exactly how to design and implement scalable generative AI applications. The book walks you through building production-ready GenAI applications, covering the key architectural choices, integration patterns, and design practices needed to deliver accurate, efficient, and commercially viable

9781394373130
Pub Date: 3/3/26
Paperback
Computers / Artificial Intelligence

Confronting Mental Health Stigma with AI and Machine Learning

Ridhima Sharma, Fazla Rabby, Rohit Bansal, Timcy Sachdeva, Jihene Mrabet

9781394347261
Pub Date: 3/4/26
400 pages • Hardcover
Computers / Artificial Intelligence / Natural Language Processing

---

Advances in Human-AI Collaboration

Vincent Duffy, Gavriel Salvendy, Waldemar Karwowski

9781394266371
Pub Date: 3/24/26
368 pages • Hardcover
Technology & Engineering / Systems Engineering

No Image Available

Attacks and Defenses in Explainable Artificial Intelligence

Amol Dattatraya Vibhute, Rajesh Kumar Dhanaraj, Malathy Sathyamoorthy, A. Paramasivam

9781394305582
Pub Date: 3/16/26
352 pages • Hardcover
Computers / Artificial Intelligence

No Image Available

Secure Artificial Intelligence for 6G Networks

S. Sountharrajan, M. Nivaashini, E. Suganya, J. Jeyalakshmi, Balamurugan Balusamy

9781394305827
Pub Date: 3/16/26
352 pages • Hardcover
Computers / Artificial Intelligence

Empowering Healthcare through AI and Blockchain

Renu Mishra, Girdhar Mishra, Sandeep Saxena, Parma Nand

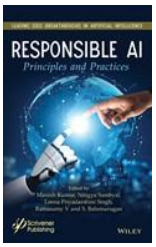
9781394261802
Pub Date: 3/17/26
Hardcover
Computers / Artificial Intelligence

No Image Available

5G Technologies for Health Information System: A Machine Learning and Deep Learning Approach

Korhan Cengiz, Vishal R. Panse, Gaurav Dhiman, Muhammad Shafiq

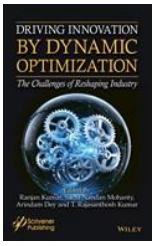
9781119836186
Pub Date: 3/24/26
350 pages • Hardcover
Computers / Artificial Intelligence



Responsible AI: Principles and Practices

Manish Kumar, Nitigya Sambyal, Leena P. Singh, V. Ramasamy, S. Balamurugan

9781394355440
Pub Date: 3/24/26
400 pages • Hardcover
Computers / Artificial Intelligence



Driving Innovation by Dynamic Optimization: The Challenges of Reshaping Industry

Arindam Dey, Ranjan Kumar, Sachi Nandan Mohanty, T. Rajasanthosh Kumar

9781394315697
Pub Date: 3/24/26
352 pages • Hardcover
Computers / Programming / Algorithms

No Image Available

Artificial Intelligence for Cyber Security: An IoT Perspective

Noor Zaman, Mamoona Humayun, Vasaki Ponnusamy, Suseendran Gopalakrishnan

9781119762263
Pub Date: 3/31/26
400 pages • Hardcover
Computers / Artificial Intelligence

Data Science First: Using Language Models in AI-Enabled Applications

John Hawkins

Proven, practical techniques for integrating language models into your data science workflows

Data Science First: Using Language Models in AI-Enabled Applications, by Intersect AI's Chief AI Officer John Hawkins, explains how practicing data scientists can integrate language models in data science workflows without abandoning essential principles of reliability, accuracy, and efficacy. Hawkins offers crystal-clear guidance on when, where, and how data scientists can integrate language models into their existing workflows without exposing themselves or their companies to

9781394390472
Pub Date: 4/7/26
368 pages • Paperback
Computers / Artificial Intelligence

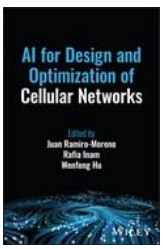
Data Makes the World Go 'Round: The Data, Tech, and Trust Behind AI Success

Fern Halper

A comprehensive and detailed guide for business and technology leaders ready to implement AI throughout their organizations

A soup to nuts strategy guide for business leaders interested in implementing artificial intelligence in their organizations in a way that drives real-world results, *Data Makes the World Go 'Round: The Data, Tech, and Trust Behind AI Success* combines specific, actionable advice for technical and business leaders on issues like data management, data architectures, AI tools, AI operationalization, and AI governance. Veteran technology

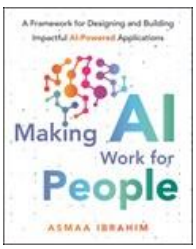
9781394390632
Pub Date: 3/31/26
256 pages • Paperback
Computers / Artificial Intelligence



AI for Design and Optimization of Cellular Networks

Juan Ramiro-Moreno, Rafia Inam, Wenfeng Hu

9781394175758
Pub Date: 3/7/24
300 pages • Hardcover
Technology & Engineering / Mobile & Wireless Communications



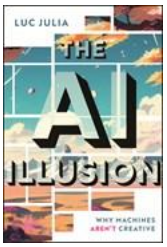
Making AI Work for People: A Framework for Designing and Building Impactful AI-Powered Applications

Asmaa Ibrahim

Design AI applications that inspire trust, solve real problems, and put people first

Making AI Work for People: A Framework for Designing and Building Impactful AI-Powered Applications by Asmaa Ibrahim offers software engineers, product managers, and app designers a comprehensive framework for creating AI-powered applications that truly serve humanity. Ibrahim, Product Lead at Aleph Alpha, experienced ML team leader, AI-driven transformation expert, and leader of the team that created Gemini in Firebase, addresses the

9781394392094
Pub Date: 4/14/26
Paperback
Computers / Artificial Intelligence



9781394412174
Pub Date: 4/7/26
272 pages • Hardcover
Computers / Artificial Intelligence / Generative AI

The AI Illusion: **Why Machines Aren't Creative**

Luc Julia

Discover the truth behind AI's most dangerous myth: that machines can truly create

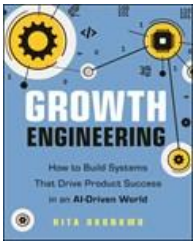
In *The AI Illusion: Why Machines Aren't Creative*, Luc Julia, co-creator of Siri and Chief Scientific Officer for the Renault Group, dismantles the hype surrounding generative AI by revealing what these technologies can actually do (as of today) versus what their promoters claim. Drawing on over 35 years' experience in the tech industry, Julia exposes the fundamental truth that generative AI doesn't create – it recombines existing data in response to prompts, producing impressive but ultimately derivative outputs...

No Image Available

9781394374144
Pub Date: 4/14/26
356 pages • Hardcover
Computers / Artificial Intelligence

Applied Intelligence: **Principles for Building an AI-First Organization**

Jacob Miller, Jeremy Mumford



9781394378463
Pub Date: 4/14/26
Paperback
Computers / Artificial Intelligence

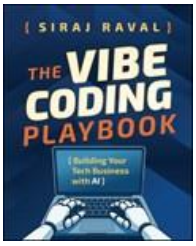
Growth Engineering: **How to Build Systems That Drive Product Success in an AI-Driven World**

Rita Okonkwo

Build software that users actually use with proven growth-oriented software development strategies

In *Growth Engineering: How to Build Systems That Drive Product Success in an AI-Driven World,* experienced software engineer with the Microsoft Experiences + Devices Growth team, Rita Okonkwo, delivers a strategic guide for anyone interested in building tech products that scale organically through smart technical choices.

You'll learn how clean architecture, thoughtful instrumentation, and experimentation frameworks directly influence growth outcomes. With a focus on practical



9781394376827
Pub Date: 4/21/26
Paperback
Computers / Programming

The Vibe Coding Playbook: **Building Your Tech Business with AI**

Siraj Raval

A detailed and up-to-date walkthrough for entrepreneurs with limited (or non-existent) coding skills who want to build profitable software companies using new gen-AI tools

In *The Vibe Coding Playbook: Building Your Tech Business With AI*, renowned AI and data science educator Siraj Raval walks you through exactly what you need to do to build a technology business with generative AI-powered code assistants. Raval offers step-by-step guidance for non-technical professionals and entrepreneurs interested in creating scalable, profitable enterprises without

---

No Image Available

9781394336098
Pub Date: 4/28/26
Hardcover
Computers / Artificial Intelligence

Retrieval Augmented Generation for Natural Language Processing

Sachin Minocha, Malathy Sathyamoorthy, Rajesh Kumar Dhanaraj, Mayank Kumar Goyal

No Image Available

9781394166442
Pub Date: 5/5/26
Hardcover
Computers / Artificial Intelligence

Handbook of Nature Inspired Algorithms: **Models and Applications**

Prasenjit Chatterjee, Dragan Pamucar, Morteza Yazdani, Dilbagh Panchal

---

No Image Available

9781394166480
Pub Date: 5/5/26
450 pages • Hardcover
Computers / Artificial Intelligence

Industrial Internet of Things for Intelligent Transportation Systems

S. B. Goyal, Sugam Sharma, Prasenjit Chatterjee, Deepak Tirumishi Jada

9781394346486
Pub Date: 4/14/26
400 pages • Hardcover
Business & Economics / Finance

Blockchain Success Stories: **Real-World Case Studies in Digital Finance**

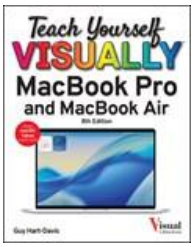
Jyoti Verma, Reena Malik, Gagandeep, Sarvjeet Kaur Chatrath

No Image Available

Advances in Augmented Reality and Virtual Reality

M. Niranjanamurthy, Sumit Mittal, M. P. Amulya

9781119791874
Pub Date: 3/23/26
350 pages • Hardcover
Computers / Data Science / Data Visualization

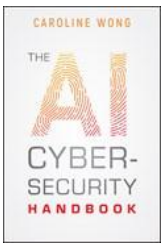


Teach Yourself VISUALLY MacBook Pro and MacBook Air *(8th Edition)*

Guy Hart-Davis

Teach Yourself VISUALLY MacBook Pro and MacBook Air covers all the vital information you need to start working on your MacBook. With this highly illustrated and easy-to-follow guide, you'll learn to navigate the macOS interface like a pro; customize your desktop with the widgets you need; and get your MacBook working with iCloud, your iPhone, and your iPad. This book's graphical, step-by-step instructions walk you through everything from installation to troubleshooting, helping you to get the most out of the investment you've made in your MacBook.

9781394387649
Pub Date: 3/10/26
368 pages • Paperback
Computers / Hardware / Personal Computers



The AI Cybersecurity Handbook

Caroline Wong

An up-to-date exploration of how AI is transforming cybersecurity and how to implement AI in your organization's cyber defenses to meet today's evolving threat landscape

In *The AI Cybersecurity Handbook*, author Caroline Wong examines AI's impact on both offensive and defensive cybersecurity strategies. Wong explains how artificial intelligence has transformed the way cyberattacks are carried out and how technology professionals prepare for and defend against them.

On the offensive side, the author explores how AI is being used to automate, accelerate, and personalize attacks

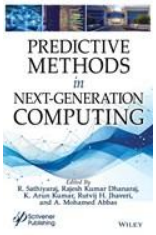
9781394340866
Pub Date: 3/24/26
256 pages • Paperback
Computers / Artificial Intelligence

No Image Available

Generative Artificial Intelligence for Next-Generation Cybersecurity

Santosh Kumar Srivastava, Ben Othman Soufiene, Durgesh Srivastava, Manoj Kumar Mahto, Praveen Kantha

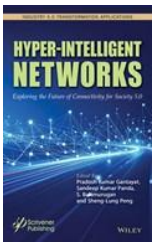
9781394305643
Pub Date: 4/7/26
352 pages • Hardcover
Computers / Artificial Intelligence



Predictive Methods in Next-Generation Computing

Sathiyaraj R., Rajesh Kumar Dhanaraj, K. Arun Kumar, Rutvij H. Jhaveri, A. Mohamed Abbas

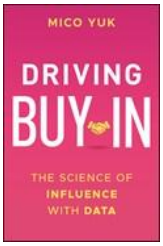
9781394248797
Pub Date: 2/10/26
352 pages • Hardcover
Computers / Computer Science



Hyper-Intelligent Networks: Exploring the Future of Connectivity for Society 5.0

Pradosh Kumar Gantayat, Sandeep Kumar Panda, S. Balamurugan, Sheng-Lung Peng

9781394315604
Pub Date: 1/28/26
528 pages • Hardcover
Computers / Information Technology



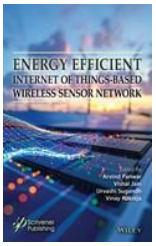
Driving Buy-In: The Science of Influence with Data

Mico Yuk

Driving Buy-In is a comprehensive guide designed to transform how data professionals communicate their insights to influence decisions. It introduces the proven DS3 three-step framework-What to Ask, What to Write, and What to Visualize-that turns raw data and requirement-gathering sessions into compelling storyboards, visualizations, and reports. The DS3 framework has been successfully implemented by Fortune 500 companies like Shell, Costco, Pfizer, and Ferrara Candy to name a few, proving its effectiveness and scalability.

Unlike other books that focus solely on technical aspects or

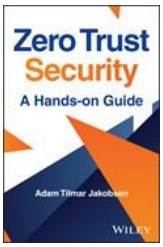
9781394307494
Pub Date: 3/24/26
288 pages • Hardcover
Business & Economics / Information Management



Energy Efficient Internet of Things-Based Wireless Sensor Network

Arvind Panwar, Vishal Jain, Urvashi Sugandh

9781394314720
Pub Date: 5/5/26
352 pages • Hardcover
Computers / Information Technology



9781394361090
Pub Date: 1/28/26
224 pages • Hardcover
Computers / Security / Network Security

Zero Trust Security: **A Hands-on Guide**

Adam Tilmar Jakobsen

Principles, applications, and methodologies to help organizations transition from traditional security models to a Zero Trust approach

Zero Trust Security is a hands-on guide that bridges the gap between Zero Trust theory and real-world practice through a unique and practical approach. Following the journey of a fictional manufacturing company, readers learn how to go from a flat network into a robust Zero Trust architecture. Through step-by-step implementations, the book demonstrates the essential elements of modern security architecture.

Each chapter provides both theoretical understanding a

9781394370276
Pub Date: 2/10/26
688 pages • Hardcover
Computers / Security / Network Security

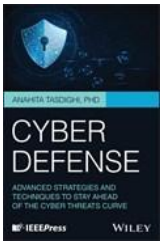
Cyber Security for Space Missions: **Mitigating Risks in the New Space Era**

Anahita Tasdighi

Valuable insights and strategies for mitigating risks associated with space systems, reviewing satellite cybersecurity, regulatory frameworks, and incident response protocols

Cyber Security for Space Missions: Mitigating Risks in the New Space Era examines the multifaceted landscape of space exploration, defense, and security, encompassing both traditional and emerging challenges such as space debris, cyber threats, and the implications of cutting-edge technologies. The book underscores the vital importance of fostering a culture of cooperation and security in space

---



9781394375905
Pub Date: 3/17/26
480 pages • Hardcover
Computers / Security / Network Security

Cyber Defense: **Advanced Strategies and Techniques to Stay Ahead of the Cyber Threats Curve**

Anahita Tasdighi

Equips cybersecurity professionals with advanced strategies to anticipate, mitigate, and respond to evolving digital threats

In *Cyber Defense: Advanced Strategies and Techniques to Stay Ahead of the Cyber Threats Curve*, acclaimed cybersecurity expert Dr. Anahita Tasdighi delivers an in-depth, strategic guide to the shifting terrain of cyber defense. In an era defined by digital acceleration and increasing vulnerabilities, this invaluable resource provides the insights and tools required to identify, anticipate, and

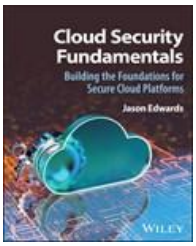
9781394395927
Pub Date: 3/31/26
432 pages • Hardcover
Computers / Security / Network Security

Cybersecurity Implications in Blockchain Architecture

Anahita Tasdighi

Explore the full scope of blockchain technology and its relationship with cybersecurity

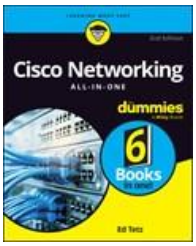
Cybersecurity Implications in Blockchain Architecture delves into the transformative power of blockchain technology and its intricate relationship with cybersecurity, providing readers with a comprehensive guide that explores essential topics such as the foundational principles of blockchain and the critical role of cryptography. The book highlights opportunities and risks associated with smart contracts while providing hands-on exercises and group discussions to equip readers with practical skills.



9781394377732
Pub Date: 5/11/26
464 pages • Hardcover
Computers / Distributed Systems / Cloud Computing

Cloud Security Fundamentals: **Building the Foundations for Secure Cloud Platforms**

Jason Edwards



9781394365289
Pub Date: 4/28/26
800 pages • Paperback
Computers / Networking / Local Area Networks (LANs)

Cisco Networking All-in-One For Dummies ***(2nd Edition)***

Edward Tetz

Your detailed guide to all things Cisco—a leading player in network technology

With 800 pages of in-depth content, *Cisco Networking All-in-One For Dummies* is your one-stop guide to the ins and outs of networks powered by Cisco, a leading maker of networkin solutions including routers, switches, and security. You'll get thorough explanations of how to design, implement, and manage Cisco networks. This book is essential for administrators of small or large networks who need to build strong and secure networks that support services and applications. In this new edition, you'll find

---

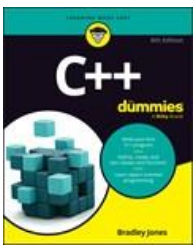
9781394369591
Pub Date: 2/24/26
384 pages • Paperback
Computers / Hardware / Mainframes & Minicomputers

Arduino For Dummies ***(3rd Edition)***

John Nussey

Unlock Your Creativity: Master Arduino with Easy-to-Follow Projects and Hands-On Learning

Arduino is an open-source electronics platform used for building interactive projects like home automation tools or robotics. *Arduino For Dummies* is the perfect guide for beginners, updated with the newest features and technologies. You'll learn how to put your creative ideas into action using the latest Arduino tools—and you'll learn how to choose the projects, Arduino circuit boards, and coding environments that are right for you. For playing around at home or for remotely collaborating on Arduino proje...



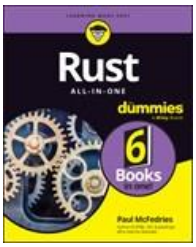
9781394380442
Pub Date: 5/11/26
528 pages • Paperback
Computers / Languages / C++

C++ For Dummies ***(8th Edition)***

Bradley L. Jones

An accessible walkthrough of one of the world's most popular programming languages: C++

C++ For Dummies is your from-scratch guide that explains the essentials of what you need to know to understand the language and build your very first program in C++. Bradley Jones, experienced programmer and coding educator, packs this edition with examples and clear demonstrations that explain the "why" and the "how" of programming in C++, as well as the programming concepts that will form the foundation of your code, including classes, loops, classes, objects, inheritance, and more.



9781394401901
Pub Date: 5/26/26
704 pages • Paperback
Computers / Programming / Open Source

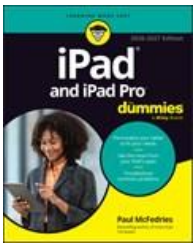
Rust All-in-One For Dummies

Paul McFedries

Your guide to the programming language that's revolutionizing software development

Ready to learn Rust, the language that combines blazing performance with memory safety? *Rust All-in-One For Dummies* takes you from complete beginner to confident developer, covering the essentials of writing Rust code through applying it to real-world projects.

Unlike programming books that throw you into the deep end, *Rust All-in-One For Dummies* builds your skills systematically. Each mini-book contained in this All-in-One reference focuses on a specific aspect of Rust development, complete with hands-on proje



9781394374489
Pub Date: 3/31/26
384 pages • Paperback
Computers / Hardware / Tablets

iPad and iPad Pro For Dummies *(14th Edition)*

Paul McFedries

Transform your iPad into a powerhouse of fun and productivity

Ready to unlock everything your iPad can do? This updated edition of *iPad & iPad Pro For Dummies* takes you from casual user to confident iPad pro in no time! Explore the world's most popular tablet and discover useful features you never knew existed alongside exciting new capabilities. Whether you're taking photos, organizing your day, or streaming your favorite shows, this guide gives you practical tips you can use immediately. Discover how to:

- Customize settings to save you time and effort

No Image Available

9781394275489
Pub Date: 4/7/26
352 pages • Hardcover
Computers / Internet

Industrial Internet of Things and Advanced Techniques for Sensor Data

Kanak Kalita, S. Vishnu Kumar, M. Niranjanamurthy

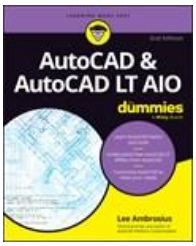
9781394414444
Pub Date: 4/14/26
624 pages • Paperback
Computers / Internet / Social Media

Instagram & Facebook All-in-One For Dummies *(3rd Edition)*

Eric Butow, Amanda Robinson, Carolyn Abram, Amy Karasavas, Stephanie Diamond, John Haydon, Jenn Herman, Corey Walker

Transform your online presence into a lead generation machine

Instagram & Facebook All-in-One For Dummies brings together the expertise of a group of seasoned social media professionals and certified Meta trainers to solve the biggest challenge facing businesses and individuals today: how to translate Facebook and Instagram's massive user bases into loyal audiences and customers. This comprehensive guide eliminates the confusion around



9781394376568
Pub Date: 2/17/26
768 pages • Paperback
Computers / Design, Graphics & Media / CAD-CAM

AutoCAD & AutoCAD LT All-in-One For Dummies *(2nd Edition)*

Lee Ambrosius

An easy-to-read and up-to-date collection of resources explaining the most recent versions of AutoCAD and AutoCAD LT

In the brand-new second edition of *AutoCAD & AutoCAD LT All-in-One For Dummies,* consultant and industry expert with more than 30 years of experience using and extending AutoCAD along with being a 20-year veteran of AutoCAD education, Lee Ambrosius, walks you through the fundamentals of AutoCAD and AutoCAD LT. He explains the most useful features of both AutoCAD and the more budget-friendly AutoCAD LT, showing you how to

9781394393824
Pub Date: 5/11/26
384 pages • Paperback
Computers / Business & Productivity Software / Project Management Tools

Microsoft Planner For Dummies

Jim Boyce

Tackle projects with confidence using Microsoft Planner

Microsoft Planner For Dummies delivers a start-to-finish guide to Microsoft's industry-leading project management software. Jim Boyce walks you through this not-as-confusing-as-it-first-looks software, showing you the ins and outs of creating projects, integrating Planner with other Microsoft software, organizing and assigning tasks, and more.

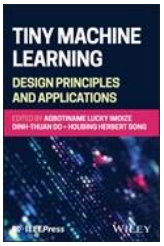
Covering the key features of Planner Plan 1, you'll get insight into planning a project, reporting and tracking progress, and managing plans with other collaborators

No Image Available

9781119768906
Pub Date: 4/13/26
350 pages • Hardcover
Technology & Engineering / Electronics / Circuits

Electric Circuit and Network Analysis

Chenniappan Sharmeela, P. Ramesh, Palanisamy Sivaraman, R. Mahendran, N. Thillaikarasi



9781394294541
Pub Date: 1/28/26
400 pages • Hardcover
Computers / Data Science / Machine Learning

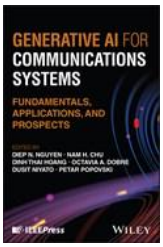
Tiny Machine Learning: Design Principles and Applications

Agbotiname Lucky Imoize, Dinh-Thuan Do, Houbing Song

An expert compilation of on-device training techniques, regulatory frameworks, and ethical considerations of TinyML design and development

In *Tiny Machine Learning: Design Principles and Applications,* a team of distinguished researchers delivers a comprehensive discussion of the critical concepts, design principles, applications, and relevant issues in Tiny Machine Learning (TinyML). Expert contributors introduce a new low power resource, offering vast applications in IoT devices with system-algorithm co-design.

Tiny Machine Learning explores TinyML paradigms and



9781394293902
Pub Date: 2/4/26
352 pages • Hardcover
Computers / Artificial Intelligence

Generative AI for Communications Systems: Fundamentals, Applications, and Prospects

Diep N. Nguyen, Dinh Thai Hoang, Octavia A. Dobre, Dusit Niyato, Petar Popovski, Nam H. Chu

Comprehensive review of state-of-the-art research and development in Generative AI for future communications and networking

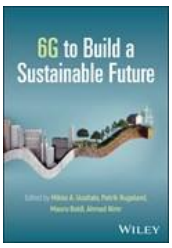
Generative AI for Communications Systems provides a systematic foundation of knowledge on Generative AI for communications and networking. This book discusses the great potential and challenges in applying Generative AI as promising solutions to future communications systems and enables and facilitates "Generative AI as a Service" by exploring novel communications, networking

No Image Available

9781119760368
Pub Date: 2/4/26
350 pages • Hardcover
Technology & Engineering / Telecommunications

Advances in Cyber Security: AI-Driven Cyber Attacks

Rashmi Agrawal, Ganesh Gopal Deverajan



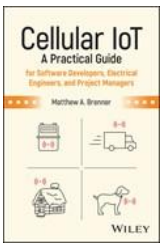
9781394363575
Pub Date: 3/23/26
448 pages • Hardcover
Technology & Engineering / Telecommunications

6G to Build a Sustainable Future

Mikko A. Uusitalo, Patrik Rugeland, Mauro Boldi, Ahmad Nimr

Insights on designing a sustainable 6G system as a multi-functional platform that delivers services beyond communication and addresses sustainability

6G to Build a Sustainable Future provides a summary of the research conducted in the European 6G Flagship project Hexa-X-II towards the sixth generation (6G) mobile networks, with additional input from other smart networks and services joint undertaking (SNS-JU) projects, such as 6G-DISAC, 6G-MUSICAL, 6G-NTN, 6G-SHINE, Deterministic 6G, RIGOROUS, ROBUST-6G,



9781394329656
Pub Date: 3/4/26
480 pages • Hardcover
Technology & Engineering / Data Transmission Systems / Broadband

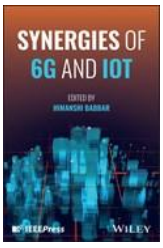
Cellular IoT: A Practical Guide for Software Developers, Electrical Engineers, and Project Managers

Matthew A. Brenner

Detailed, practical guidance for implementing IoT cellular network connectivity solutions for software developers and electrical engineers, and project managers.

Focusing exclusively on using cellular connectivity for IoT devices, *Cellular IoT* presents a flexible approach, using algorithms and software designs, to drastically reduce the complexity of interacting with a wide variety of Cellular Communication Modules (CCMs) which lie at the heart of cellular modems. Written in an accessible style, this book is

---



9781394370672
Pub Date: 4/21/26
288 pages • Hardcover
Technology & Engineering / Mobile & Wireless Communications

Synergies of 6G and IoT

Himanshi Babbar

Explores the future of hyperconnected systems through the convergence of 6G and IoT

Synergies of 6G and IoT explores the unprecedented opportunities that arise when next-generation wireless networks meet the Internet of Things (IoT). An in-depth investigation of two transformative technologies reshaping our digital landscape, this timely volume addresses the urgent need to understand how 6G's ultra-fast, low-latency networks will enable the next evolution of the Internet of Things.

Drawing on case studies, real-world applications, and research insights, *Synergies of 6G and IoT* not only

No Image Available

9781394242405
Pub Date: 3/31/26
400 pages • Hardcover
Computers / Quantum Computing

Quantum Computing Empowered Digital Technologies

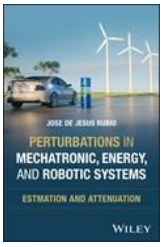
N. Gayathri, Rakesh Kumar, Pethuru Raj, Seifedine Kadry

No Image Available

9781394336418
Pub Date: 5/11/26
352 pages • Hardcover
Computers / Quantum Computing

Quantum-Inspired Approaches for Intelligent Data Processing

Dipti Jadha, Pritam Wani, Narendrakumar Dasre, Niranjanamurthy M., Biswadip Basu Mallik



9781394380633
Pub Date: 3/17/26
272 pages • Hardcover
Technology & Engineering / Mechanical

Perturbations in Mechatronic, Energy, and Robotic Systems: Estimation and Attenuation

Jose de Jesus Rubio

9781119615927
Pub Date: 4/13/26
656 pages • Hardcover
Technology & Engineering / Electronics

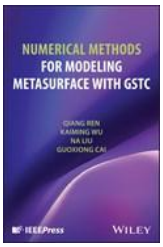
Virtual and Augmented Reality: Fundamentals and Applications

Achintya K. Bhowmik

A comprehensive and authoritative guide to the foundations, technologies, and transformative applications of virtual and augmented reality.

Virtual and Augmented Reality: Fundamentals and Applications presents an in-depth exploration of the core principles, enabling technologies, and real-world use cases of VR and AR. Designed for use as both a textbook and a professional reference, it offers a rigorous and structured foundation for students, researchers, engineers, and industry practitioners alike.

Grounded in neuroscience and computational perception



9781394244294
Pub Date: 5/19/26
272 pages • Hardcover
Technology & Engineering / Microwaves

Numerical Methods for Modeling Metasurface with GSTC

Qiang Ren, Na Liu, Guoxiong Cai

Introduction to current modeling methods for electromagnetic metasurfaces using the generalized sheet transition condition

Numerical Methods for Modeling Metasurface with GSTC provides a systemic and deep monograph of numerical modeling approaches for metasurfaces and thoroughly explores various numerical methods, encompassing not only those in the frequency domain, but also those in the time domain that incorporate generalized sheet transition conditions (GSTCs). It then introduces the mainstream full-wave computational electromagnetic method,

---

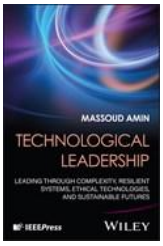
9781394376117
Pub Date: 2/10/26
336 pages • Hardcover
Business & Economics / Industrial Management

Developing the Innovative Technical Organization: How to Implement a Systems Approach to Strategy

Ronald R. Luman, Jerry A. Krill, Timothy J. Galpin, Erik W. Johnson, Ann E. Kedia, Briana D. Vecchio-Pagan

A proven systems approach to driving innovation and strategy in complex technical organizations

Innovation is often celebrated in theory but rarely achieved at scale within established technical organizations. *Developing the Innovative Technical Organization: How to Implement a Systems Approach to Strategy* addresses this challenge by documenting how the Johns Hopkins University Applied Physics Laboratory (APL) successfully elevated its impact through a rigorously designed and



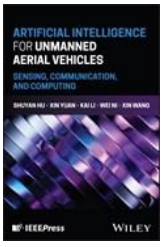
9781394338252
Pub Date: 3/24/26
880 pages • Hardcover
Technology & Engineering / Project Management

Technological Leadership: Leading Through Complexity, Resilient Systems, Ethical Technologies, and Sustainable Futures

Massoud Amin

Data-driven strategies for STEM leaders to manage rapid technological change, navigate crises, foster collaboration, and scale innovation

Technological Leadership delivers clear, data-driven strategies for managing crises, fostering collaboration, and scaling innovation in STEM-intensive sectors where rapid advancements demand new approaches. The book seamlessly integrates the fields of data, AI, and machine learning to offer guidance on how to lead organizations in a hyper-connected, technology-driven world.



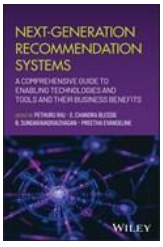
9781394369454
Pub Date: 2/18/26
448 pages • Hardcover
Technology & Engineering / Remote Sensing & Geographic Information Systems

Artificial Intelligence for Unmanned Aerial Vehicles: Sensing, Communication, and Computing

Shuyan Hu, Kai Li, Xin Yuan, Wei Ni, Xin Wang

In-depth exploration of machine learning techniques applied to UAV operations and communications, highlighting areas of potential growth and research gaps

Artificial Intelligence for Unmanned Aerial Vehicles provides a comprehensive overview of machine learning (ML) techniques used in unmanned aerial vehicle (UAV) operations, communications, sensing, and computing. It emphasizes key components of UAV activity to which ML can significantly contribute including perception and

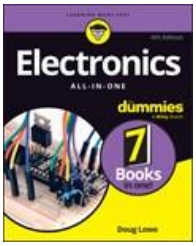


9781394351541
Pub Date: 5/12/26
624 pages • Hardcover
Computers / Computer Engineering

Next-Generation Recommendation Systems: A Comprehensive Guide to Enabling Technologies and Tools and their Business Benefits

Pethuru Raj Chelliah, E. Chandra Blessie, B. Sundaravadivazhagan, Preetha Evangeline

---



9781394400867
Pub Date: 5/12/26
864 pages • Paperback
Technology & Engineering / Electronics / Circuits

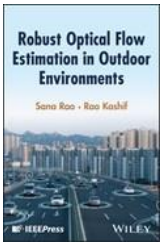
Electronics All-in-One For Dummies *(4th Edition)*

Doug Lowe

A from-scratch guide to understanding, designing, and building basic electronics

Electronics All-in-One For Dummies unlocks the fascinating world of analog and digital electronics with crystal-clear explanations that actually make sense. Whether you're curious about how electricity flows through circuits or ready to dive into hands-on Arduino projects, this comprehensive guide transforms complex concepts into manageable, exciting learning adventures.

From the fundamentals of electricity and circuits to advanced microprocessors and components, you'll build



9781394294220
Pub Date: 1/28/26
192 pages • Hardcover
Technology & Engineering / Signals & Signal Processing

Robust Optical Flow Estimation in Outdoor Environments

Sana Rao, Rao Kashif

In-depth resource on outdoor optical flow estimation, delivering tools needed to enhance performance and reliability of systems

Clearing the Vision delivers a robust treatment of optical flow estimation under adverse outdoor conditions, offering a comprehensive guide and reference for readers developing vision-based systems that operate in outdoor environments where conditions are unpredictable, varied, and challenging.

This book analyzes advanced techniques and strategies for optical flow estimation that enhance the performance and

No Image Available

9781394335763
Pub Date: 3/31/26
384 pages • Hardcover
Technology & Engineering / Project Management

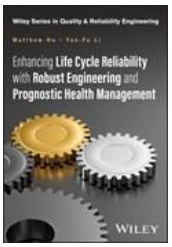
The Strategic Project Manager's Guide to Complex Projects: Understanding, Navigating, and Simplifying Project Complexity

Leon Herszon

A practical, research-informed guide to mastering complexity in today's VUCA world

Modern project management unfolds in environments defined by **volatility, uncertainty, complexity, and ambiguity (VUCA)**. Traditional linear approaches often fail to address the unpredictable, interconnected, and rapidly changing dynamics that shape contemporary projects.

The Strategic Project Manager's Guide to Complex Projects: Understanding, Navigating, and



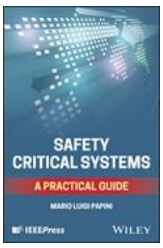
9781394182381
Pub Date: 5/11/26
304 pages • Hardcover
Technology & Engineering / Quality Control

Enhancing Life Cycle Reliability with Robust Engineering and Prognostic Health Management

Matthew Hu, Yan-Fu Li, Andre V. Kleyner

Complete process for ensuring product performance through robust concept design, robust optimization, selection, and verification in an uncontrollable user environment

Life Cycle Reliability through Robustness Development, and Prognostic and Health Management enables readers to build a robustness-thinking-based approach for robust design for reliability and prognostic health management (PHM), explaining best practices from early product design through the entire product lifecycle, leading to lower costs



9781394232062
Pub Date: 5/5/26
208 pages • Hardcover
Technology & Engineering / Automotive

Safety Critical Systems: A Practical Guide

Mario Luigi Papini

A guide to developing safety critical system processes with detailed information on approaches to current and future safety systems

Safety Critical Systems discusses and maps the relationship between various processes of safety critical systems processes, their interdependence, and necessary elements of independence. The book describes the types of systems currently in use, their structures, and their associated creation processes, gathering practical lessons primarily from the field of railway signaling and emphasizing the critical elements that render the requirements, design, analysis, impl...

No Image Available

9781394305704
Pub Date: 3/16/26
352 pages • Hardcover
Technology & Engineering / Electrical

Computer-Aided Power System Condition Monitoring

Debopoma Kar Ray, Tamal Roy, Surajit Chattopadhyay

No Image Available

9781119791898
Pub Date: 2/3/26
350 pages • Hardcover
Science / Energy

Shale Analytics

Gaurav Dhiman, Amandeep Kaur, Sandeep Kautish, Mohammad Ayoub Khan

No Image Available

9781119418177
Pub Date: 2/18/26
300 pages • Hardcover
Science / Energy

Rules of Thumb for Pipes and Pipelines

Yong Bai, Qiang Bai

No Image Available

9781119418191
Pub Date: 3/10/26
300 pages • Hardcover
Science / Energy

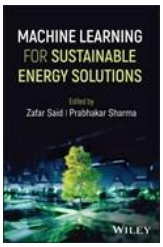
Formulas and Advanced Calculations for Ultimate Strength of Pipes and Pipelines

Yong Bai, Qiang Bai

9781119661948
Pub Date: 4/6/26
500 pages • Hardcover
Science / Energy

Rules of Thumb for Reservoir Engineers

Tarek Ahmed, Raj Deo Tewari

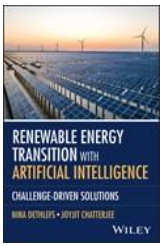


9781394267408
Pub Date: 2/4/26
Hardcover
Science / Chemistry / Analytic

Machine Learning for Sustainable Energy Solutions

Zafar Said, Prabhakar Sharma

This book aims to provide comprehensive insights into integrating modern engineering techniques such as machine learning (ML), artificial intelligence (AI), nanotechnology, digital twins, and the Internet of Things (IoT) with renewable energy. The book helps readers implement machine learning in sustainability and how these technologies can create better solutions. The book will also enrich readers by providing perspectives, methods, and inspiration for using machine learning to create a more sustainable and environmentally responsible world. Readers will find this book instrumental



9781394300037
Pub Date: 2/10/26
384 pages • Hardcover
Science / Energy

Renewable Energy Transition with Artificial Intelligence: Challenge-driven Solutions

Nina Dethlefs, Joyjit Chatterjee

Explores harnessing AI to overcome strategic and operational challenges in renewable energy transition

The urgent need to decarbonize global energy systems has propelled renewable energy into a position of unprecedented importance, yet this shift presents major technical, economic, and policy challenges. Increasing reliance on intermittent energy sources such as solar and wind demands more effective forecasting, grid coordination, and flexibility. Artificial Intelligence (AI) offers powerful tools to meet these challenges by learning from

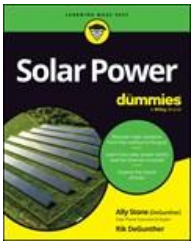
---

No Image Available

9781119460114
Pub Date: 3/17/26
300 pages • Hardcover
Science / Energy

Waste Plastics: An Alternative Source of Energy

Prakash Parthasarathy



9781394382798
Pub Date: 3/31/26
416 pages • Paperback
House & Home / Sustainable Living

Solar Power For Dummies *(3rd Edition)*

Ally Stone, Rik DeGunther

Save money (and the planet!) with this hands-on and timely guide to solar power for residential and commercial use

Looking for an easy-to-follow introduction to solar energy? *Solar Power For Dummies* walks you through the differences between residential, commercial, and utility-scale systems, as well as the latest advancements in solar panel technology and energy storage solutions that create new opportunities and applications for consumers and businesses.

You'll learn all about how to navigate the latest permitting processes for installing solar panels in your home. You'll

---

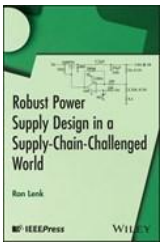
No Image Available

9781394193622
Pub Date: 1/21/26
350 pages • Hardcover
Science / Energy

Smart Grids as Cyber Physical Systems

O. V. Gnana Swathika, K. Karthikeyan, Sanjeevikumar Padmanaban

What makes a regular electric grid a "smart" grid? It basically comes down to digital technologies that enable two-way communication between a utility and its customers, as opposed to the traditional electric grid, where power flows in one direction. Based on statistics and available research, smart grids globally attract the largest investment venues in smart cities. Smart grids and city buildings that are connected in smart cities contribute to significant financial savings and contribute to improve the economy. The smart grid has a multitude of components, including controls, computers, au...



9781394343027
Pub Date: 3/17/26
224 pages • Hardcover
Science / Energy

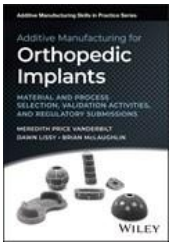
Robust Power Supply Design in a Supply-Chain-Challenged World

Ron Lenk

An expert discussion with notes for the hobbyist on how to design power supplies while avoiding supply chain vulnerabilities

In *Robust Power Supply Design in a Supply-Chain-Challenged World,* engineer and power electronics specialist Ron Lenk delivers a comprehensive guide that delves into the intricacies of designing high-performance power supplies that use exclusively multi-source components. After considering robust passive and active components and how to do successful modeling with LTSpice, Lenk focuses on concrete, detailed examples of

---



9781394215218
Pub Date: 5/19/26
240 pages • Hardcover
Technology & Engineering / 3D Printing

Additive Manufacturing for Orthopedic Implants: Material and Process Selection, Validation Activities, and Regulatory Submissions

Meredith Price Vanderbilt, Dawn Abends Lissy, Brian P. McLaughlin

Offers a practical roadmap for successfully applying additive manufacturing to orthopedic implants

As additive manufacturing (AM) transforms the orthopedic implant landscape, professionals are facing a growing need for guidance that connects advanced manufacturing techniques with practical regulatory and validation requirements. *Additive Manufacturing for Orthopedic Implants: Material and Process Selection, Validation Activities, and Regulatory Submissions* delivers exactly

No Image Available

9781394382941
Pub Date: 3/24/26
688 pages • Hardcover
Technology & Engineering / Project Management

The Global Project Management Playbook: Strategies for Mid-Project Challenges

Harold Kerzner

Delivers practical guidance on navigating global project execution challenges with real-world strategies and case studies

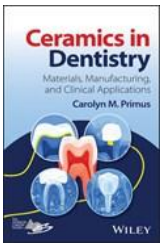
Global projects demand more than just planning—they demand resilience, adaptability, and the ability to navigate disruption during execution. As organizations expand across borders, industries, and cultures, the mid-project phase has emerged as the most critical and complex stage of project management. It is during this phase that teams encounter unclear requirements, shifting priorities, stakeholder misalignment, and cultural barriers, all of

No Image Available

Cost Estimation: **Methods and Tools *(2nd Edition)***

Gregory K. Mislick, Daniel A. Nussbaum, Karen R. Mislick

9781394298044
Pub Date: 5/5/26
400 pages • Hardcover
Business & Economics / Management Science



Ceramics in Dentistry: **Materials, Manufacturing, and Clinical Applications**

Carolyn M. Primus

An up-to-date and authoritative treatment of the use of ceramics in dentistry

In *Ceramics in Dentistry,* experienced dental materials consultant, inventor, and researcher, Dr. Carolyn Primus, delivers a comprehensive review of the contemporary and historical uses of ceramics in dentistry. The book is organized by dental treatment and describes the characteristics of ceramic materials that make them useful for the dentist.

The author describes dental composites, crowns, bridges, artificial teeth, implants, model/impression materials

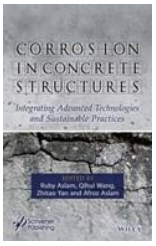
9781119436546
Pub Date: 2/4/26
400 pages • Hardcover
Technology & Engineering / Materials Science

No Image Available

Hybrid Composite Materials for Electrochemical Sensing Applications

Khursheed Ahmad, Waseem Raza

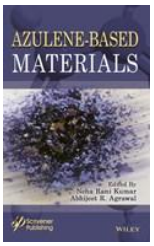
9781394172368
Pub Date: 4/27/26
450 pages • Hardcover
Technology & Engineering / Materials Science



Corrosion in Concrete Structures: **Integrating Advanced Technologies and Sustainable Practices**

Ruby Aslam, Qihui Wang, Zhitao Yan, Afroz Aslam

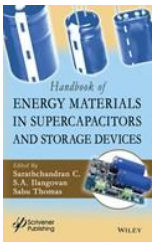
9781394347001
Pub Date: 2/18/26
400 pages • Hardcover
Technology & Engineering / Construction



Azulene-Based Materials: **Design, Synthesis and Applications**

Neha Rani Kumar, Abhijeet R. Agrawal

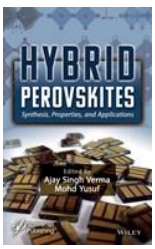
9781394159154
Pub Date: 3/17/26
450 pages • Hardcover
Technology & Engineering / Materials Science



Handbook of Energy Materials in Supercapacitors and Storage Devices

Sarathchandran C., S. A. Ilangovan, P. M. Shankar, Sabu Thomas

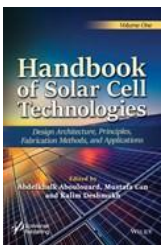
9781119901037
Pub Date: 1/21/26
640 pages • Hardcover
Technology & Engineering / Materials Science



Hybrid Perovskites: **Synthesis, Properties and Applications**

Ajay Singh Verma, Mohd Yusuf

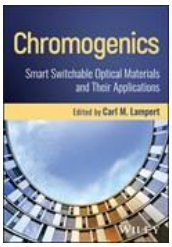
9781119864974
Pub Date: 4/7/26
400 pages • Hardcover
Technology & Engineering / Materials Science



Handbook of Solar Cell Technologies: **Design Architecture, Principles, Fabrication Methods, and Applications**

Abdelkhalk Aboulouard, Mustafa Can, Kalim Deshmukh

9781394270668
Pub Date: 4/14/26
992 pages • Hardcover
Science / Energy



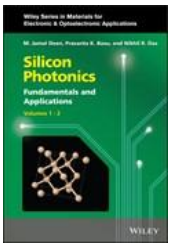
9781394159079
Pub Date: 1/28/26
512 pages • Hardcover
Technology & Engineering / Optics

Chromogenics: Smart Switchable Optical Materials and Their Applications

Carl M. Lampert

Firsthand insights into the current and future technology and large-scale applications of color- and opacity-changing optical materials

Chromogenics delivers a comprehensive overview of the industry-relevant scientific background of chromogenics and provides details on successful manufacturing techniques for the scalable fabrication of products, enabling readers to apply chromogenic materials in billion-dollar market segments such as the car industry (rear-view mirrors) and building and construction industry (self-tinting windows), as well as for individual end-user



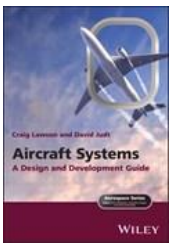
9781119601272
Pub Date: 4/13/26
752 pages • Hardcover
Science / Physics / Optics & Light

Silicon Photonics, 2 Volume Set: Fundamentals and Applications

M. Jamal Deen, Prasant K. Basu, Nikhil R. Das, Safa O. Kasap, Arthur Willoughby, Peter Capper

Complete coverage of the field of silicon-based photonic devices, including a chapter on nonlinear silicon photonics

Silicon Photonics discusses the physics, technology, and device operation of photonic devices using silicon, Group IV semiconductors, and their alloys. The book delivers an optimal combination of background information about photonic structures with description of up-to-date results and trends in silicon photonics. This Second Edition includes a new chapter on nonlinear silicon photonics as



9781119113188
Pub Date: 2/24/26
224 pages • Hardcover
Technology & Engineering / Aeronautics & Astronautics

Aircraft Systems: A Development Guide

Craig Lawson, Dieter Scholz

In-depth reference on fixed wing aircraft electrical and mechanical systems, covering electronics, hydraulics, and other essential components

Aircraft Systems delivers comprehensive material on the design and development of fixed wing aircraft electrical and mechanical systems, providing broad coverage of aircraft systems and covering electronics, hydraulics, pneumatics, flight control actuation, and landing gear. This book includes many practical examples of existing commercial and military aircraft. Academic design studies and methods are presented and information on technical and mathematic...

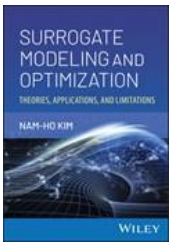
No Image Available

9781394190157
Pub Date: 3/10/26
224 pages • Hardcover
Technology & Engineering / Mechanical

Introduction to Orbital Mechanics: A Concise and Practical Approach

James C. Hermanson

Introduction to Orbital Mechanics: A Practical Approach for Engineers presents all the essential elements of orbital mechanics, with a treatment that is direct and progressive. Suitable for use as in either a 14-week semester or a 10-week academic quarter, this textbook is an ideal introduction for students because it provides a thorough overview of the underlying fundamentals while still remaining concise and approachable in its coverage. The topics addressed include a historical overview of orbital mechanics and the essential physical foundations of orbital motion (the 2-body problem first, ...



9781394245819
Pub Date: 2/10/26
Hardcover
Technology & Engineering / Structural

Surrogate Modeling and Optimization: Theories, Applications, and Limitations

Nam-Ho Kim

Expert reference on building surrogate models, optimization using them, prediction uncertainty associate with them, and their potential failure, with practical implementation in MATLAB

Surrogate Modeling and Optimization explains the meaning of different surrogate models and provides an in-depth understanding of such surrogates, emphasizing how much uncertainty is associated with them, and when and how a surrogate model can fail in approximating complex functions and helping readers understand theory through practical implementation in MATLAB. This book

9781394308941
Pub Date: 4/28/26
384 pages • Hardcover
Technology & Engineering / Robotics

Rigid-Flexible Coupling Hoisting Robots: Modeling, Analysis, and Control

Bin Zi, Bin Zhou

Comprehensive resource detailing the technology of rigid-flexible coupling robots and their applications

Rigid-Flexible Coupling Hoisting Robots: Modeling, Analysis, and Control introduces the configuration and optimization design, mechanics and fundamental mechanical issues, uncertainty analysis, trajectory planning, control, and applications of rigid-flexible coupling hoisting robots. The book also reviews kinematics and dynamics modeling as well as design methods to enhance overall performance including motion decoupling,

No Image Available

9781394168408
Pub Date: 4/28/26
400 pages • Hardcover
Technology & Engineering / Manufacturing

Design for Additive Manufacturing: Strategies, Methods and Examples

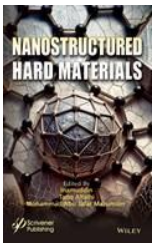
Yaoyao Fiona Zhao, Yunlong Tang, Sheng Yang, Guoying Dong

No Image Available

9781394252718
Pub Date: 3/31/26
352 pages • Hardcover
Technology & Engineering / Engineering (General)

Heat Transfer Explained: A Computational Perspective

Xinyu Zhao



Nanostructured Hard Materials: **Industrial Applications**

Inamuddin, Tariq Altalhi, Mohammad Abu Jafar Mazumder

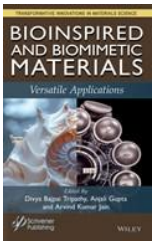
9781394314140
Pub Date: 3/24/26
352 pages • Hardcover
Science / Nanoscience

No Image Available

Smart Nanomaterials: **From Fundamentals to Emergent Applications**

Mantosh Kumar Satapathy, Santosh Kumar Parida, Srikanta Moharana

9781394332922
Pub Date: 5/5/26
512 pages • Hardcover
Technology & Engineering / Nanotechnology & Mems



Bioinspired and Biomimetic Materials

Divya Bajpai Tripathy, Anjali Gupta, Arvind Kumar Jain

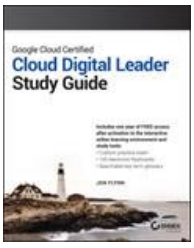
9781394303618
Pub Date: 4/14/26
352 pages • Hardcover
Technology & Engineering / Nanotechnology & Mems

No Image Available

Polymer Drugs

Muralisrinivasan Natamai Subramanian

9781119480006
Pub Date: 5/5/26
400 pages • Hardcover
Technology & Engineering / Chemical & Biochemical



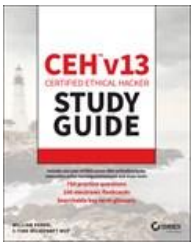
Google Cloud Certified Cloud Digital Leader Study Guide

Jon Flynn

A foundational introduction to Google Cloud core technologies to help you ace the exam and prepare for a brand-new career

In *Google Cloud Certified Cloud Digital Leader Study Guide*, Google AI Leader, Jon Flynn, delivers an easy-to-follow and authoritative guide to succeeding on the Cloud Digital Leader Exam and on your first day as a Google Cloud professional. In the book, you'll find all the material you need to prepare for this valuable exam, as well as the info that you'll require to collaborate with Google Cloud

9781394219803
Pub Date: 3/10/26
336 pages • Paperback
Computers / Certification Guides

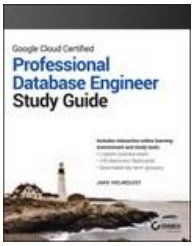


CEH Certified Ethical Hacker v13 Study Guide

William Panek

As protecting information continues to be a growing concern for today's businesses, certifications in IT security have become highly desirable, even as the number of certifications has grown. Now you can set yourself apart with the Certified Ethical Hacker (CEH v13) certification. The CEH v13 Certified Ethical Hacker Study Guide offers a comprehensive overview of the CEH certification requirements using concise and easy-tofollow instructions. Chapters are organized by exam objective, with a handy section that maps each objective to its corresponding chapter, so you can keep track of your progr...

9781394394289
Pub Date: 4/7/26
768 pages • Paperback
Computers / Certification Guides



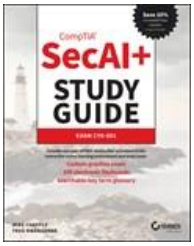
Google Cloud Certified Professional Cloud Database Engineer Study Guide

Jake Holmquist

Discover a smarter and faster way to prep for the Google Professional Cloud Database Engineer certification exam

In the *Google Cloud Certified Professional Cloud Database Engineer Study Guide,* recognized Cloud and AI leader Jake Holmquist walks you through the recently released Google Professional Cloud Database Engineer certification exam. This Sybex *Study Guide* provides 100% coverage of every tested domain competency, from capacity and usage planning to cloud database migrations, applications, access management, backup and recovery, monitoring,

9781394309764
Pub Date: 4/7/26
384 pages • Paperback
Computers / Certification Guides



CompTIA SecAI+ Study Guide: **Exam CY0-001**

Mike Chapple, Fred Nwanganga

CompTIA SecAI+ Study Guide: Exam CY0-001 helps you learn how to effectively demonstrate your overall knowledge of data security related to AI and the importance of security throughout the life cycle of AI. This NEW Study Guide also helps you compare and contrast various AI types and techniques within the context of cybersecurity.

Building on the proven Sybex Study Guide approach, the book validates your understanding of various scenarios, using AI threat-modeling resources, implementing security controls, appropriate access controls, and data security

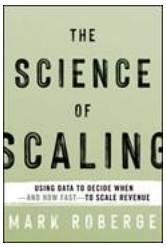
9781394368075
Pub Date: 4/20/26
Paperback
Computers / Certification Guides / CompTIA (ind. A+)

No Image Available

9781394373666
Pub Date: 5/19/26
448 pages • Paperback
Computers / Internet / Online Safety & Privacy

CRISC Certified in Risk and Information Systems Control Study Guide

Peter H. Gregory



9781394319428
Pub Date: 2/3/26
304 pages • Hardcover
Business & Economics / Sales & Selling

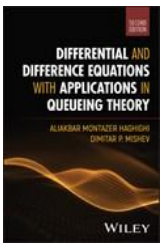
The Science of Scaling: Using Data to Decide When-and How Fast-to Scale Revenue

Mark Roberge

Are You Ready to Scale Sales? How Fast?

These two questions are mission critical to the success of any startup, product launch, or market expansion. Yet, too often we rely on gut feel—or let irrelevant signals like a recent fundraise or comparisons to past unicorns—to drive our decisions.

The Science of Scaling offers a rigorous framework for founders, executives, and investors to calculate the answers using their company's actual performance data—not wishful thinking.



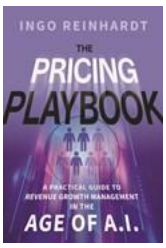
9781394294046
Pub Date: 3/4/26
480 pages • Hardcover
Business & Economics / Operations Research

Differential and Difference Equations with Applications in Queueing Theory *(2nd Edition)*

Aliakbar Montazer Haghighi, Dimitar P. Mishev

A newly updated and authoritative exploration of differential and difference equations used in queueing theory

In the newly revised second edition of *Differential and Difference Equations with Applications in Queueing Theory*, a team of distinguished researchers delivers an up-to-date discussion of the unique connections between the methods and applications of differential equations, difference equations, and Markovian queues. The authors provide a deep exploration of first principles and a wide variety of examples in applied mathematics and



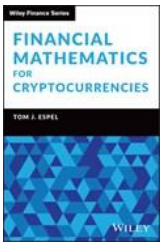
9781394396900
Pub Date: 5/26/26
256 pages • Hardcover
Business & Economics / Marketing / Research

The Pricing Playbook: A Practical Guide to Revenue Growth Management in the Age of A.I.

Ingo Reinhardt

An in-depth and up-to-date discussion of pricing strategy that incorporates the latest developments in generative AI

In *The Pricing Playbook: A Practical Guide to Revenue Growth Management in the Age of A.I.*, author Ingo Reinhardt delivers a uniquely insightful discussion of the theoretical underpinnings of pricing. He also presents detailed instructions for using that theory to construct a revenue growth management framework that will guide the pricing strategy within your organization.



9781394370078
Pub Date: 5/11/26
304 pages • Hardcover
Business & Economics / Bitcoin & Cryptocurrencies

Financial Mathematics for Cryptocurrencies

Tom Espel

Master the quantitative foundations you need to successfully invest in and trade digital assets

Financial Mathematics for Cryptocurrencies by Tom J. Espel combines two of today's most dynamic fields – quantitative finance and cryptocurrencies – in a comprehensive guide that addresses the unique mathematical challenges faced by everyone involved in the crypto markets. Espel draws on his extensive experience in frontier assets to explain the analytical frameworks you'll need to make informed investment decisions, identify pricing opportunities, and manage risk in this volatile asset class.

9781394370757
Pub Date: 6/16/26
288 pages • Paperbback
Computers / Data Science

Applied Math with Python: Solve Real-World Problems with Python-Based Solutions

Blake Rayfield

A step-by-step guide for using Python to transform abstract mathematical concepts into effective, on-the-ground scripts that solve real-world business problems

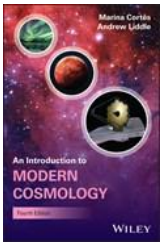
Applied Math with Python: Solve Real-World Problems with Python-Based Solutions is a detailed, step-by-step guide for business professionals, analysts, and data scientists interested in using Python to perform crucial organizational tasks: optimizing inefficient supply chains, calculating probabilities, forecasting financial performance, mining customer data for new insights, and more.

No Image Available

9781394271733
Pub Date: 3/31/26
352 pages • Hardcover
Computers / Data Science / Data Analytics

Data-Directed Mathematical Modeling

Sabyasachi Pramanik, M. Niranjanamurthy, Ankur Gupta, Ahmed J. Obaid



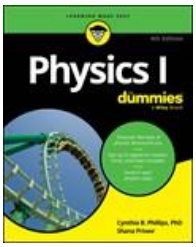
9781394278435
Pub Date: 4/6/26
224 pages • Paperback
Science / Space Science / Cosmology

An Introduction to Modern Cosmology *(4th Edition)*

Marina V. Cortês, Andrew Liddle

Updated edition of a popular introduction to cosmology, now with new observational data, supporting web material, and problems with solutions

An Introduction to Modern Cosmology is an accessible account of modern cosmological ideas that enables readers to understand cosmology without resorting to the mathematical apparatus of general relativity. This fully revised Fourth Edition of the bestseller takes an approach which is grounded in physics with a logical flow of chapters, leading the reader from basic ideas of the



9781394367146
Pub Date: 2/3/26
400 pages • Paperback
Science / Physics / Mathematical & Computational

Physics I For Dummies *(4th Edition)*

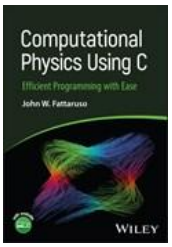
Cynthia Phillips, Shana Priwer

Discover the power of physics!

Physics I For Dummies, 4th Edition explains the basic principles of physics simply and clearly. This useful guide includes easy-to-follow explanations of motion, energy, the states of matter, thermodynamics, electromagnetism, relativity, and beyond. It breaks down complex concepts into manageable chunks and uses relatable examples to you readers understand how physics applies to everyday situations. You'll get a handle on physics in no time!

Inside:

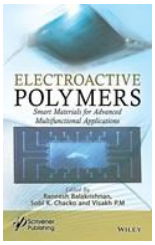
- Work through everything in an intro physics class,



9781394318537
Pub Date: 4/14/26
Paperback
Science / Physics / Mathematical & Computational

Computational Physics Using C: Efficient Programming with Ease

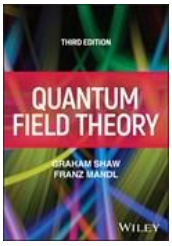
John W. Fattaruso



9781394214358
Pub Date: 3/24/26
450 pages • Hardcover
Technology & Engineering / Chemical & Biochemical

Electroactive Polymer-Based Smart Materials and Applications

Raneesh B., Sobi K. Chacko, P. M. Visakh



9781394269129
Pub Date: 2/24/26
512 pages • Paperback
Science / Chemistry / Computational & Molecular Modeling

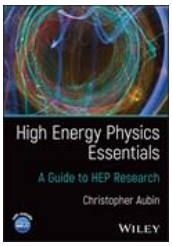
Quantum Field Theory *(3rd Edition)*

Graham Shaw, Franz Mandl

An accessible, accurate, and up-to-date introduction to quantum field theory

Physics has moved on since the publication of the 2nd edition of *Quantum Field Theory* in 2010, most notably by the discovery of the Higgs boson in 2013, and this 3rd edition has been revised and updated throughout to take account of this and other recent advances. However, its three main objectives remain unchanged. They are:

- To explain the basic physics and formalism of quantum field theory
- To make the reader proficient in theory



9781394350988
Pub Date: 4/21/26
256 pages • Paperback
Science / Physics / Quantum Theory

High Energy Physics Essentials: A Guide to HEP Research

Christopher Aubin

No Image Available

9781394407040
Pub Date: 4/28/26
368 pages • Hardcover
Mathematics / Numerical Analysis

Monte Carlo Integration with MATLAB and Simulink

Arthur A. Giordano

Presents detailed guidance on Monte Carlo integration methods for complex applications

Monte Carlo integration has become an indispensable computational tool across science, engineering, mathematics, and economics, offering effective solutions where traditional numerical integration methods fall short. *Monte Carlo Integration with MATLAB and Simulink* provides both a structured introduction to advanced integration techniques and a practical guide to applying them in real-world contexts. Author Arthur A. Giordano emphasizes the natural progression from deterministic

---

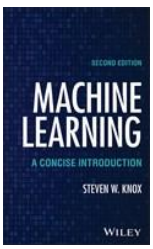
No Image Available

9781394220212
Pub Date: 4/14/26
592 pages • Hardcover
Medical / Diagnosis

Statistical Methods in Diagnostic Medicine *(3rd Edition)*

Xiao-Hua Zhou, Gene A. Pennello, Jiarui Sun

Statistical Methods in Diagnostic Medicine provides a comprehensive account of statistical methods for the design and analysis of diagnostic studies. Brought fully up to date, this new edition includes discussion of a range of newly published methods that are relevant to the evaluation of diagnostic tests. In particular, two new chapters cover the accuracy of diagnostic tests for biomarkers and benefit-risk evaluation of diagnostic and risk prediction tests. The book includes sample size calculations, estimation of the accuracy of a diagnostic test, comparison of accuracies of competing diagno...



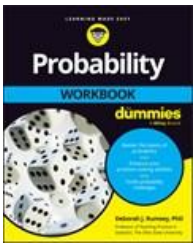
9781394325252
Pub Date: 2/10/26
448 pages • Hardcover
Computers / Artificial Intelligence

Machine Learning: A Concise Introduction *(2nd Edition)*

Steven W. Knox

New edition of a PROSE award finalist title on core concepts for machine learning, updated with the latest developments in the field, now with Python and R source code side-by-side

Machine Learning is a comprehensive text on the core concepts, approaches, and applications of machine learning. It presents fundamental ideas, terminology, and techniques for solving applied problems in classification, regression, clustering, density estimation, and dimension reduction. New content for this edition includes chapter expansions which provide further computational and



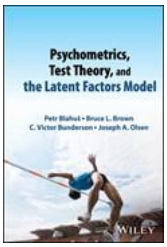
9781394368167
Pub Date: 4/14/26
304 pages • Paperback
Mathematics / Probability & Statistics / Regression Analysis

Probability Workbook For Dummies

Deborah J. Rumsey

Sharpen your probability skills

What are the chances you'll ace your next exam? Land that promotion? Beat the house in Vegas? With *Probability Workbook For Dummies,* you'll stop guessing and start knowing. This book is your practical toolkit for learning to calculate the probability of, well, anything. Through crystal-clear explanations and real-world scenarios, you'll discover how probability shapes every decision you make—and how understanding it gives you a serious edge. You'll practice set theory, counting, permutations, combinations, conditional expectations, probability modeling, and beyo...



9781119312178
Pub Date: 1/9/26
538 pages • Hardcover
Psychology / Statistics

Psychometrics, Test Theory, and the Latent Factors Model

Petr Blahus, Bruce L. Brown, C. Victor Bunderson, Joseph A. Olsen

A combination of psychometric theory, history, philosophy and practice, with recent advances in analytical methods, metrology, and design.

Psychometrics, Test Theory, and the Latent Factors Models began as a strong manuscript by Petr Blahuš. Before his death he entrusted it to three co-authors who completed the book with in-chapter explanations. accessible mathematical appendices and computational guides. It was also expanded to include important advances since 2010 in psychometric methods, metrology, and the

---

9781394407347
Pub Date: 2/25/26
544 pages • Paperback
Study Aids / Act

The Official ACT Mathematics Guide, 3rd Edition *(3rd Edition)*

ACT

The ACT official subject guides are a step-by-step guide for outlining the preparation for the ACT section tests. These prep guides provide students a concept-based outline for the subjects they plan to focus on. Each one of the official guides, is an efficient prep tool comprised of the most current and relevant test information packed into one guide. In addition to the book, the entire pool of questions are available online for a customizable learning experience. The ACT official subject guides are the best resource to get detailed input and practice to help you in preparation for the ACT. B...

9781394407385
Pub Date: 2/25/26
400 pages • Paperback
Study Aids / Act

The Official ACT Reading Guide, 3rd Edition *(3rd Edition)*

ACT

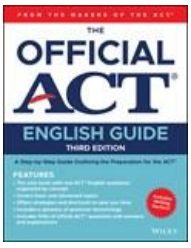
The ACT official subject guides are a step-by-step guide for outlining the preparation for the ACT section tests. These prep guides provide students a concept-based outline for the subjects they plan to focus on. Each one of the official guides, is an efficient prep tool comprised of the most current and relevant test information packed into one guide. In addition to the book, the entire pool of questions are available online for a customizable learning experience. The ACT official subject guides are the best resource to get detailed input and practice to help you in preparation for the ACT. B...

9781394407323
Pub Date: 2/25/26
385 pages • Paperback
Study Aids / Act

The Official ACT Science Guide, 3rd Edition *(3rd Edition)*

ACT

The ACT official subject guides are a step-by-step guide for outlining the preparation for the ACT section tests. These prep guides provide students a concept-based outline for the subjects they plan to focus on. Each one of the official guides, is an efficient prep tool comprised of the most current and relevant test information packed into one guide. In addition to the book, the entire pool of questions are available online for a customizable learning experience. The ACT official subject guides are the best resource to get detailed input and practice to help you in preparation for the ACT. B...



9781394407361
Pub Date: 2/25/26
544 pages • Paperback
Study Aids / Act

The Official ACT English Guide, 3rd Edition *(3rd Edition)*

ACT

The ACT official subject guides are a step-by-step guide for outlining the preparation for the ACT section tests. These prep guides provide students a concept-based outline for the subjects they plan to focus on. Each one of the official guides, is an efficient prep tool comprised of the most current and relevant test information packed into one guide. In addition to the book, the entire pool of questions are available online for a customizable learning experience. The ACT official subject guides are the best resource to get detailed input and practice to help you in preparation for the ACT. B...

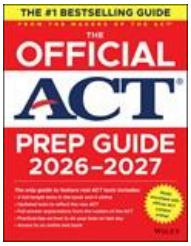
9781394414048
Pub Date: 4/28/26
Paperback
Study Aids / Act

The Official ACT Subject Guides 2026 - 2027, Complete Set *(3rd Edition)*

ACT

Get everything you need to do your best on the ACT® test with *The Official ACT® Prep and Subject Guides 2026-2027 Complete Set*. The only study resource including official ACT practice questions and full explanations covering all test sections, this set delivers maximum prep in a single package.

Save big on five total study guides, including the latest Official ACT® Prep Guide with new writing samples and prompts. Build your skills before test day with four new practice tests in your "Big Red Book."



9781394405510
Pub Date: 4/28/26
Paperback
Study Aids / Act

The Official ACT Prep Guide 2026 - 2027 *(10th Edition)*

ACT

The Official ACT® Prep Guide 2026-2027 provides clear explanations for every answer straight from the makers of the ACT to help you improve your understanding of each subject. You'll also get:

- Practical tips and strategies for boosting your score on the English, math, reading, science, and (optional) writing tests
- Four new practice tests that reflect the Enhanced ACT experience
- Expert advice on how to mentally and physically prepare for your test

Wiley Offices in Asia

China

Beijing
Room 805-808, Floor 8, Sun Palace,
No. 12A, Taiyanggong Middle Road
Chaoyang District, Beijing, P.R. China Postal code 100028
Tel: (86) 10 8541 9300
Fax: (86) 10 8541 9400
china_marketing@wiley.com

Shanghai
Units A&B, 15th Floor, Office Building Phase II, Shinmay Union Square, No. 506 Shang Cheng Road, Pudong New District, Shanghai 200120, P.R. China
Tel: (86) 21 8036 1200
Fax: (86) 21 6160 1661
china_marketing@wiley.com
www.wileychina.com

India

Corporate office
1402, 14th Floor,
World Trade Tower
Plot No. C-1, Sector – 16,
Noida – 201301
Tel: 0120-6291100
csupport@wiley.com
delsales@wiley.com

Japan

Nomura Fudosan Nishi Shinjuku Bldg.
8F 8-4-2 Nishi Shinjuku Shinjuku-ku,
Tokyo 160-0023, Japan
Tel: (81) 3 4520 9060
Fax: (81) 3 4520 9059
edu-japan@wiley.com
www.wiley.co.jp

Malaysia

Tingkat 8 & 9,
Menara UAC (Room 911)
No 12, JLN PJU 7/5,
Mutiara Damansara
47800 Petaling Jaya, Selangor
Tel: (60) 3 7666 5033
Fax: (60) 3 7722 5901
cswileymalaysia@wiley.com

Singapore

13 Stamford Road
#02-11, No18 Capitol Singapore
Singapore 178905
Tel: (65) 6643 8000
Fax: (65) 6643 8008
asiaorders@wiley.com

South Korea

#4007 Concordian, 76,
Saemunan-ro, Jongno-gu,
Seoul, Republic of Korea
Tel: (82) 2 739 7908
Fax: (82) 2 337 1929
akorea@wiley.com

Taiwan

B1, 97 Fuxing North Road
Songshan District
Taipei 105, Taiwan
Fax: (886) 2 6602 1235
ataiwan@wiley.com

For orders in all other countries in Asia, please contact:
Customer Hotline: (65) 6643 8333
Fax: (65) 6643 8397
Email: asiaorders@wiley.com

Returns Centre (Asia)

returnasia@wiley.com

21-CD6450

wiley.com

WILEY