Academica Press
University of Alabama Press
American Institute of Aeronautics & Astronautics
   Not for sale in China, India & Bangladesh
American Mathematical Society
   Not for sale in India
American Psychological Association
   Not for sale in Asia & Oceania
American Society of Civil Engineers
   Not for sale in Asia & Oceania
American Society of Mechanical Engineers
American Water Works Association
Asian Development Bank
   Not for sale in Asia
ASM International
   Not for sale in South & South East Asia
Baraka Books
Begell House, Inc.
Bucknell University Press
Business Expert Press
   Not for sale in Asia
Cognella Academic Publishing
   Not for sale in the Philippines
DEStech Publications, Inc.
   Not for sale in Asia & Oceania
Hanser Publications
   Not for sale in Switzerland, Germany & Austria
HSRC Press
   Not for sale in Sub Saharan Africa, Asia & Oceania
IGI Global
   Not for sale in Taiwan
IK International Pvt. Ltd
   Not for sale in South Asia
Information Age Publishing
   Not for sale in Asia & Oceania
International Atomic Energy Agency
isa
Kendall Hunt Publishing Company
Mcfarland
Mercury Learning and Information
   Not for sale in Asia & Oceania
Naval Institute Press
NewSouth Publishing
   Not for sale in Oceania
Now Publishers
University of Oklahoma Press
PennWell Books
Pentagon Press LLP
   Not for sale in LLP
PHI Learning
   Not for sale in Asia
Plunkett Research, Ltd.
Purdue University Press
Rutgers University Press
SAE International
Salem Press
   Not for sale in Asia
SIAM - Society for Industrial and Applied Mathematics
Society for Mining, Metallurgy & Exploration
SPIE Press
Texas A&M University Press
UNISA Press
   Not for sale in Sub Saharan Africa, South Asia, South East Asia & Oceania
United Nations Publications
   Not for sale in Asia & Oceania
Water Environment Foundation
Woodhead Publishing India
   Not for sale in South Asia
World Bank Group Publications
   Not for sale in South Asia
2 APPLIED MATHEMATICS
6 BIOMEDICAL ENGINEERING & BIOTECHNOLOGY
8 CIVIL ENGINEERING
12 ELECTRONICS & COMMUNICATIONS ENGINEERING
17 ENERGY TECHNOLOGY
25 ENVIRONMENTAL SCIENCE, ENGINEERING & TECHNOLOGY
34 INDUSTRIAL CHEMISTRY & MANUFACTURING TECHNOLOGIES
38 MECHANICAL ENGINEERING & MATERIALS SCIENCE
42 OPTICAL ENGINEERING & PHOTONICS
45 TRANSPORT TECHNOLOGY
51 TRANSPORTATION & LOGISTICS
54 GENERAL

eBooks
For more information on eBook title availability, please contact ebooks@eurospan.co.uk

Receive regular up-to-date information about our new titles by registering for e-alerts at: eurospan.co.uk/mailinglist

If you are a teaching academic or course leader you may request up to three titles as FREE inspection copies to consider as textbooks for students on your course. For further details please visit: eurospan.co.uk/inspection

Due to currency fluctuations and publisher price changes, prices charged may vary from those listed. Prices do not include local taxes.

Where you see this icon, click on it to see the title on our online bookstore.
A VARIATIONAL APPROACH TO OPTIMAL CONTROL OF ODEs

Pablo Pedregal

Advances in Design and Control, Vol. 39

Presents in a unified, systematic way the basic principles of optimal control governed by ODEs. Using a variational perspective, the author incorporates important restrictions like constraints for control and state, as well as the state system itself, into the equivalent variational reformulation of the problem. The fundamental issues of existence of optimal solutions, optimality conditions, and numerical approximation are then examined from this variational viewpoint.

Readers will find:

• A unified approach to all the basic issues of optimal control.
• Academic and real-world examples testing the book’s variational approach.
• A rigorous treatment stressing ideas and arguments rather than the underlying mathematical formalism.

Aug 2022 189pp
9781611977103 Paperback £76.00 / €86.00
American Mathematical Society

**Completion Problems on Operator Matrices**
Dragana S. Cvetković Ilić

*Mathematical Surveys and Monographs, Vol. 267*

Provides an overview of completion problems dealing with completions to different types of operators and can be considered as a natural extension of classical results concerned with matrix completions. The book assumes some basic familiarity with functional analysis and operator theory.

Sep 2022 170pp
9781470469870 Paperback £120.00 / €138.00

IK International Pvt. Ltd

**Chemical Engineering Mathematics**
Alapati Suryanarayana

Covers the applications of mathematics in chemical engineering and other fields. The theory is summarised at the beginning of each chapter. The applications are covered step-by-step starting with straightforward before moving on to more complex problems.

May 2022 394pp
9789390620531 Paperback £60.00 / €69.00

Information Age Publishing

**Multilevel Modeling Methods with Introductory and Advanced Applications**

*Quantitative Methods in Education and the Behavioral Sciences: Issues, Research, and Teaching*

Provides a cogent and comprehensive introduction to the area of multilevel modeling for methodological and applied researchers as well as advanced graduate students. The topics range from basic to advanced, yet each chapter is designed to be able to stand alone as an instructional unit on its respective topic.

Apr 2022 644pp
9781648028717 Paperback £78.00 / €88.00
9781648028724 Hardback £113.00 / €128.00

SIAM - Society for Industrial and Applied Mathematics

**Advanced Reduced Order Methods and Applications in Computational Fluid Dynamics**
Gianluigi Rozza, Giovanni Stabile & Francesco Ballarin

*Computational Science and Engineering, Vol. 27*

Reduced order modeling is an important, growing field in computational science and engineering, and this is the first book to address the subject in relation to computational fluid dynamics. It focuses on complex parametrization of shapes for their optimization and includes recent developments in advanced topics such as turbulence, stability of flows, inverse problems, optimization, and flow control, as well as applications.

Nov 2022 466pp
9781611977240 Paperback £108.00 / €123.00

**Evaluation Complexity of Algorithms for Nonconvex Optimization**
Coralia Cartis, Nicholas I. M. Gould, & Philippe L. Toint

*MOS-SIAM Series on Optimization, Vol. 30*

The first book on complexity to cover topics such as composite and constrained optimization, derivative-free optimization, subproblem solution, and optimal (lower and sharpness) bounds for nonconvex problems, and to address the disadvantages of traditional optimality measures and propose useful surrogates.

Jul 2022 529pp
9781611976984 Hardback £108.00 / €123.00
FOUNDATIONS OF
COMPUTATIONAL IMAGING
A Model-Based Approach
Charles A. Bouman
Other Titles in Applied Mathematics, Vol. 180
Collecting a set of classical and emerging methods that otherwise would not be available in a single treatment, Foundations of Computational Imaging is the first book to define a common foundation for the mathematical and statistical methods used in computational imaging.
Jul 2022 337pp
9781611977127 Paperback £92.00 / €105.00

FUNDAMENTALS OF NUMERICAL
COMPUTATION
Julia Edition
Tobin A. Driscoll & Richard J. Braun
Other Titles in Applied Mathematics, Vol. 177
Provides a complete solution for teaching Julia in the context of numerical methods.
Jul 2022 586pp
9781611977004 Hardback £114.00 / €129.00

INTRODUCTION TO NUMERICAL
LINEAR ALGEBRA
Christoph Borgers
Other Titles in Applied Mathematics, Vol. 178
Fit for students just starting to build a background in mathematics, this textbook provides an introduction to numerical methods for linear algebra problems.
Mar 2022 277pp
9781611976915 Paperback £86.00 / €98.00

MATHEMATICAL
ELASTICITY, VOLUME I
Three-Dimensional Elasticity
Philippe G. Ciarlet
Classics in Applied Mathematics, Vol. 84
Covers the modeling and mathematical analysis of nonlinear three-dimensional elasticity.
Aug 2022 451pp
9781611976779 Paperback £108.00 / €123.00

MATHEMATICAL
ELASTICITY, VOLUME II
Theory of Plates
Philippe G. Ciarlet
Classics in Applied Mathematics, Vol. 85
Provides a rigorous mathematical justification of the classical two-dimensional linear plate and shallow shell theories.
Aug 2022 497pp
9781611976816 Paperback £108.00 / €123.00

MATHEMATICAL
ELASTICITY, VOLUME III
Theory of Shells
Philippe G. Ciarlet
Classics in Applied Mathematics, Vol. 86
The objective of Theory of Shells is to show how asymptotic methods provide a rigorous mathematical justification of the classical two-dimensional linear shell theories: membrane, generalized membrane, and flexural.
Aug 2022 451pp
9781611976816 Paperback £108.00 / €123.00

MATHEMATICAL ELASTICITY,
THREE VOLUME SET
Philippe G. Ciarlet
Classics in Applied Mathematics
Contains three self-contained volumes that together provide the only modern treatise on elasticity. They introduce contemporary research on three-dimensional elasticity, the theory of plates, and the theory of shells. Each volume contains proofs, detailed surveys of all mathematical prerequisites, and problems for teaching and self-study.
Aug 2022 1,546pp
9781611976939 Paperback £260.00 / €298.00
MATHEMATICAL FOUNDATIONS OF FINITE ELEMENTS AND ITERATIVE SOLVERS
Paolo Gatto
Computational Science and Engineering, Vol. 26
Describes the mathematical principles of the finite element method, a technique that turns a (linear) partial differential equation into a discrete linear system, often amenable to fast linear algebra. The book examines the crucial interplay between analysis, discretization, and computations in modern numerical analysis.
Jul 2022 176pp
9781611977080 Paperback £76.00 / €86.00

SPARSE POLYNOMIAL APPROXIMATION OF HIGH-DIMENSIONAL FUNCTIONS
Ben Adcock, Simone Brugiapaglia & Clayton G. Webster
Computational Science and Engineering, Vol. 25
Provides an in-depth treatment of sparse polynomial approximation methods. These methods have emerged as useful tools for various high-dimensional approximation tasks arising in a range of applications in computational science and engineering.
Mar 2022 292pp
9781611976878 Paperback £92.00 / €105.00

A TOOLBOX FOR DIGITAL TWINS
From Model-Based to Data-Driven
Mark Asch
Math in Industry, Vol. 6
Brings together the mathematical and numerical frameworks needed for developing digital twins (DTs). Starting from the basics - probability, statistics, numerical methods, optimization, machine learning - and moving on to data assimilation, inverse problems, and Bayesian uncertainty quantification, the book provides a comprehensive toolbox for DTs.
Jul 2022 832pp
9781611976960 Paperback £130.00 / €149.00

TRANSFINITE INTERPOLATIONS AND EULERIAN/LAGRANGIAN DYNAMICS
André Garon & Michel C. Delfour
Advances in Design and Control, Vol. 38
Introduces finite and transfinite interpolation methods at a general level in a unifying mathematical style before covering dynamical interpolation methods, which emphasize the underlying Eulerian/Lagrangian dynamics.
May 2022 268pp
9781611976946 Hardback £97.00 / €111.00

For further information, visit EUROSPAN BOOKSTORE
ASM HANDBOOK, VOLUME 23A
Additive Manufacturing in Biomedical Applications
Edited by Roger J. Narayan

Provides a comprehensive review of established and emerging 3D printing and bioprinting approaches for biomedical applications, and expansive coverage of various feedstock materials for additive manufacturing.

- The introductory section considers developments and trends in additively manufactured medical devices and material aspects of additively manufactured medical devices.
- The polymer section considers vat polymerization and powder bed fusion of polymers.
- The ceramics section contains articles on binder jet additive manufacturing and selective laser sintering of ceramics for medical applications.
- The metals section includes articles on additive manufacturing of stainless steel, titanium alloy, and cobalt-chromium alloy biomedical devices.
- The bioprinting section considers laser-induced forward transfer, piezoelectric jetting, microvalve jetting, plotting, pneumatic extrusion, and electrospinning of biomaterials.

Dec 2022 530pp
9781627083904 Hardback £355.00 / €410.00
ADVANCED APPLICATIONS OF NANOТЕCHNOLOGY IN CANCER DETECTION AND THERAPY

Edited by Alireza Heidari

Provides relevant theoretical and computational frameworks concerning the strategic role of nanotechnology and applications within oncology studies. This book features coverage on a broad range of topics, such as heredity immunity, radiotherapy, and alternative medicine.

Jul 2022 280pp
9781799801399 Hardback £299.00 / €340.00

NANOEMULSION APPLICATIONS IN AGRICULTURE, FOOD, HEALTH, AND BIOMEDICAL SCIENCES

Edited by Karthikeyan Ramalingam

Focuses on the aspects of nanoemulsion-like synthesis, characterisation, and more, and examines recent trends in their applications within a variety of relevant fields. Nanoemulsions have broad application in many different fields; without emulsification, process product development would not be possible.

Jul 2022 325pp
9781799883791 Paperback £202.00 / €230.00

BIOINFORMATICS

Methods and Applications: Genomics, Proteomics and Drug Discovery, Fifth Edition
S.C. Rastogi, P. Rastogi & N. Mendiratta

Designed as a comprehensive text for students and professionals pursuing careers in the fields of bioinformatics, molecular biology, pharmacy and drug research, this fifth edition offers a fascinating and authoritative treatment of the entire spectrum of bioinformatics, covering a wide range of high-throughput technologies.

Jul 2022 624pp
9789354438219 Paperback £43.95 / €50.00

PLUNKETT’S BIOTECH, PHARMACEUTICALS & GENETICS INDUSTRY ALMANAC 2023

Jack W. Plunkett

A complete market research guide to the business of biotechnology, drugs, diagnostics and genetics for strategic planning, competitive intelligence, employment searches or financial research. Includes in-depth chapters on trends, statistics, research and emerging technology, and complete profiles of nearly 400 leading biotech companies.

Aug 2022 510pp
9781628316438 Paperback £435.00 / €495.00

For further information, visit EUROSPAN BOOKSTORE
Public and private sector owners have a wide variety of options when it comes to delivering their capital projects. Selecting the right delivery method for a particular project requires the owner to not only have a deep understanding of the attributes of available delivery methods but also the procurement and contracting approaches that best work with those methods.

The Engineers’ Project Delivery Method Primer: Uniform Definitions and Case Studies brings clarity to the definitions and sometimes complex and conflicting terminology associated with project delivery methods. It does this by providing a comprehensive explanation of each delivery method.

Aug 2022 412pp
9780784416013 Paperback £130.00 / €147.00

An in-depth field manual, Geotechnical Testing, Observation, and Documentation, Third Edition, by Tim Davis is an indispensable reference guide for soil technicians, inspectors, and geotechnical engineers. It is designed for use during the investigation, grading, and construction phases of geotechnical projects.

This new edition covers common laboratory and field tests, sampling methods, field soil classification, jobsite soil construction, geologic considerations, LID features, and standard to innovative foundations. From site investigation and field work, through documentation during construction, project management, pre-con and preparation, site safety, to a comprehensive sample geotechnical report.

Oct 2022 230pp
9780784416044 Paperback £94.00 / €107.00
American Society of Civil Engineers

**DISRUPTIVE EMERGING TRANSPORTATION TECHNOLOGIES**
Technical Committee on Connected and Automated Vehicles Impacts
Edited by Heng Wei, Yinhai Wang & Jianming Ma
Provides forward-looking overview of the relevant 4IR technologies and their potential impacts on the future disruptive emerging transportation. This is a valuable reference for relevant educators to re-imagine their roles, redesign their curricula, and adopt very different pedagogical strategies to address this inevitability.

Jul 2022 344pp
9780784415986 Paperback £130.00 / €147.00

**MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES (7-22)**
American Society of Civil Engineers Standards ASCE/SEI 7-22
Provides the most up-to-date and coordinated loading provisions for general structural design. This standard prescribes design loads for all hazards including dead, live, soil, flood, tsunami, snow, rain, atmospheric ice, seismic, wind, and fire, as well as how to evaluate load combinations.

Mar 2022 1,046pp
9780784415788 Paperback £364.00 / €413.00

**OBJECTIVE RESILIENCE APPLICATIONS**
Edited by Mohammed M. Ettouney
Manuals and Reports on Engineering Practice, Vol. 149
Provides different applications that aim to enhance community and asset resilience from the community viewpoint, then offers a comprehensive set of practices after presenting and discussing the basis for those practices.

Jul 2022 348pp
9780784415917 Paperback £118.00 / €133.00

**OBJECTIVE RESILIENCE OBJECTIVE PROCESSES**
Edited by Mohammed M. Ettouney
Manuals and Reports on Engineering Practice, Vol. 147
Illustrates some of the objective processes that are used to manage community and asset resilience. Topics include uncertainty quantification; reliability and resilience modeling; sustainability and resilience; modelling interdependencies in critical infrastructure; and quantitative models for interdependent functionality.

Jul 2022 378pp
9780784415894 Paperback £118.00 / €133.00

**OBJECTIVE RESILIENCE OBJECTIVE POLICIES AND STRATEGIES**
Edited by Mohammed M. Ettouney
Manuals and Reports on Engineering Practice, Vol. 146
Examines policies and strategies related to community and asset resilience. Topics include definitions of resilience and a unifying theory for resilience; objective resilience of infrastructure systems; metrics and benchmarks; objective modelling from policy/strategy viewpoints; and resilience management.

Jul 2022 272pp
9780784415887 Paperback £118.00 / €133.00

**OBJECTIVE RESILIENCE OBJECTIVE TECHNOLOGY**
Edited by Mohammed M. Ettouney
Manuals and Reports on Engineering Practice, Vol. 148
Examines the use of different technologies to enhance community and asset resilience and provides a comprehensive set of practices after presenting and discussing the basis for those practices.

Jul 2022 288pp
9780784415900 Paperback £118.00 / €133.00

For further information, visit EUROSPAN BOOKSTORE
SURVEYING AND GEOMATICS ENGINEERING
Principles, Technologies, and Applications
Edited by Daniel T. Gillins, Michael L. Dennis & Alan Y. Ng
Manuals and Reports on Engineering Practice, Vol. 152
Provides a comprehensive yet general overview to help support education and inform practicing engineers on the important role of the surveying engineer. The book provides a much-needed update on the modern practice of surveying and geomatics engineering.
Jul 2022 550pp
9780784416037 Paperback £194.00 / €220.00

SUSTAINABLE DESIGN OF PIPELINES
Guidelines for Achieving Advanced Functionality
Edited by Walt Schwarz, Patrick White & Mark S. Mihm
Manuals and Reports on Engineering Practice, Vol. 151
Provides a conceptual tool and a decision process that can be used to evaluate the potential impacts of a project and promote improvement in sustainable planning, design, construction, and operation to create a project that goes beyond the typical standards of care for pipelines used by the water, wastewater, and storm water industry.
Jul 2022 208pp
9780784415979 Paperback £106.00 / €120.00

CLEAN TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT IN CIVIL ENGINEERING
Edited by Raluca Andreea Felseghi, Nicoleta Cobîrzan & Maria Simona Raboaca
Addresses clean technologies for the sustainable future of practical applications from civil engineering. This book presents the latest research results and state-of-the-art methodologies that address top concerns and establish cooperative research and development worldwide.
Jun 2022 330pp
9781799898115 Paperback £185.00 / €211.00
9781799898108 Hardback £267.00 / €304.00

IMPACT OF DIGITAL TWINS IN SMART CITIES DEVELOPMENT
Edited by Ingrid Vasiliu-Feltes
Provides insights regarding the global landscape for current digital twin research and deployments and highlights some of the challenges and opportunities faced during large-scale adoptions. Critical domains such as ethics, data governance, cybersecurity, inclusion, diversity, and sustainability are also addressed and considered.
Oct 2022 325pp
9781668438343 Paperback £196.00 / €224.00
9781668438336 Hardback £256.00 / €292.00
and societies, and climate action. This book presents atlases of UHI-based digital techniques and methods of modelling, as well as the use of these atlases, mapping, and models in exploring the placemaking problems in the new cities.

Jun 2022 330pp
9781668424636 Paperback £185.00 / €211.00
9781668424629 Hardback £267.00 / €304.00

IK International Pvt, Ltd

GEOTECHNICAL ENGINEERING
K. K. Babu, K.S. Beena & A. K. Raji
Focuses on the use of scientific methods and engineering principles to interpret the characteristics of the ground to determine suitability for building and construction. This is a textbook for undergraduate students in civil engineering, mining engineering, and engineering geology.

Aug 2022 478pp
9789390620296 Paperback £48.95 / €56.00

International Atomic Energy Agency

DESIGN OF NUCLEAR INSTALLATIONS AGAINST EXTERNAL EVENTS EXCLUDING EARTHQUAKES
IAEA
IAEA Safety Standards Series No. SSG-68
Provides recommendations on the design of nuclear installations for protection against the effects of external events (excluding earthquakes), meeting the applicable safety requirements established in relation to the design aspects of nuclear installations subjected to external events.

May 2022 91pp
9789201360212 Paperback £33.95 / €40.00

For further information, visit EUROSPLANBOOKSTORE
BASIC ELECTRICITY AND ELECTRONICS FOR CONTROL
Fundamentals and Applications, Fourth Edition
Lawrence M. Thompson & Dean Ford

A time- and course-tested book designed to familiarize readers with the concepts of electricity and electronics as they pertain to industrial measurement and control. This new fourth edition is accompanied by a lab workbook containing exercises that are designed to approximate ‘real-life’ applications found in vocational, industrial, and occupational areas.

As a student-centered resource, this book emphasizes practical application. Where mathematics and algebraic concepts are covered, clear explanations are provided so readers can comprehend processes and solutions without having to perform any complex operations or mathematics. However, an understanding of basic math is required to fully absorb the material found in this book.

Particular attention is given to ensuring safe and successful measurement of electrical quantities and a solid understanding of digital and analog meters, bridges, power supplies, solid state circuitry, oscilloscopes, and analog-to-digital convertors. Illustrations and exercises are utilized to better explain concepts and applications and to support the readers’ understanding.

Sep 2022 450pp
9781643310770 Paperback + Spiralbound Lab Workbook £140.00 / €159.00
5G INTERNET OF THINGS AND CHANGING STANDARDS FOR COMPUTING AND ELECTRONIC SYSTEMS
Edited by Augustine O. Nwajana
Examines modern computers and electronics and how they provide seamless connectivity due to the development of internet of things technology. This book covers various technologies and their roles and impacts in the future of smart cities, including machine learning and renewable energy systems.
Jun 2022 325pp
9781668438565 Paperback £185.00 / €210.00
9781668438558 Hardback £245.00 / €279.00

ACHIEVING FULL REALIZATION AND MITIGATING THE CHALLENGES OF THE INTERNET OF THINGS
Edited by Marcel Ohanga Odhiambo & Weston Mwashita
Addresses the challenges faced in rolling out internet of things technologies as well as the various performance issues. Covering a range of topics such as cybersecurity and connectivity issues, this reference work is for industry professionals, academics, researchers, practitioners, technology developers, instructors, and students.
Jun 2022 305pp
9781668448915 Paperback £180.00 / €205.00
9781799849698 Hardback £234.00 / €267.00

HANDBOOK OF RESEARCH ON CHALLENGES AND RISKS INVOLVED IN DEPLOYING 6G AND NEXTGEN NETWORKS
Edited by A M Viswa Bharathy & Basim Alhadidi
Explores strategies for the design and deployment of more secured and user-centered NextGen networks through artificial intelligence to enrich user experience. This book investigates the political, social, and geographical challenges involved in realising these 6G networks and explores ways to improve the security of future potential applications.
Jul 2022 400pp
9781668438046 Hardback £299.00 / €340.00

HANDBOOK OF RESEARCH ON EVOLVING DESIGNS AND INNOVATION IN ICT AND INTELLIGENT SYSTEMS FOR REAL-WORLD APPLICATIONS
Edited by Kandarpa Kumar Sarma, Navajit Saikia & Mridusmita Sharma
The emerging perspectives in all areas of computation and communication technologies and fast-paced developments in AI, wireless communication, sensors, cloud and edge computing, and biomedical sciences promise quality research outcomes. This anthology is a repository of knowledge to catalyse innovation and help in developing green technologies.
Jul 2022 430pp
9781799897958 Hardback £320.00 / €366.00

HARNESSING THE POTENTIAL OF AI FOR MODELING 6G NETWORKS
Edited by Moses John Strydom
Investigates artificial intelligence-enabled sixth generation (6G) wireless networks. This cutting-edge book covers all areas related to 6G research, including a heavy focus on the related emerging technologies.
Sep 2022 300pp
9781799871972 Paperback £180.00 / €205.00
9781799849698 Hardback £234.00 / €267.00

For further information, visit EUROSPAN BOOKSTORE
IMPLEMENTING AUTOMATION INITIATIVES IN COMPANIES TO CREATE BETTER-CONNECTED EXPERIENCES
Edited by Jorge Remondes & Sandrina Teixeira

Explores current and decisive topics for business and academia. This book evaluates the ways in which automation and connectivity help the decision-making process of companies and the learning process for students and researchers. Coverage includes consumer behaviour, omnichannel retailing, and metaverse applications in business.

Sep 2022 320pp
9781668455395 Paperback £185.00 / €210.00
9781668455388 Hardback £245.00 / €279.00

INFORMATION SECURITY PRACTICES FOR THE INTERNET OF THINGS, 5G, AND NEXT-GENERATION WIRELESS NETWORKS
Edited by Biswa Mohan Sahoo & Suman Avdhesh Yadav

Presents research on secure communication of 5G, internet of things, and next-generation wireless networks along with related areas to ensure secure and internet-compatible internet of things systems. This book also discusses the effects of the internet of things technologies on various situations in smart city design.

Jul 2022 325pp
9781668439227 Paperback £185.00 / €210.00
9781668439210 Hardback £245.00 / €279.00

MOBILE COMPUTING AND TECHNOLOGY APPLICATIONS IN TOURISM AND HOSPITALITY
Edited by Agustinus Borgy Waluyo & Ling Tan

Presents the latest research and development in mobile and intelligent computing, with a focus on tourism and hospitality sectors. The book discusses the role of research on innovative technologies and applications for resilience to return the tourism and hospitality industry back to its normal state.

May 2022 289pp
9781799892670 Paperback £185.00 / €210.00
9781799892663 Hardback £245.00 / €279.00

WIRELESS SENSOR NETWORK-BASED APPROACHES TO DIGITAL IMAGE PROCESSING IN THE IOT
Edited by Manoj Diwakar & Kaushik Ghosh

Presents research on the incorporation of digital image processing within the IoT field. While highlighting topics such as energy-efficient routing, machine learning, and cryptography, this publication addresses the challenges of transmitting image data and explores further applications of sensor networks.

Jul 2022 300pp
9781799832829 Paperback £164.00 / €186.00
9781799832812 Hardback £212.00 / €242.00
CONTROL SYSTEMS
Veenadevi S.V., Sujatha Hiremath & Soumya Nag K.
Provides an introduction to control systems, their functions and their role in engineering design. This book covers basic analysis, operating and design techniques as well as hardware and software implementation.
Jul 2022 648pp
9789390620708 Paperback £71.00 / €81.00

ELECTRICAL SYSTEMS DESIGN DATA HANDBOOK
Second Edition
M.K. Giridharan
Provides design assistance to beginners in the field of electrical systems design and provides easy access to the relevant data required for their design without having to waste time and energy in searching for the required data to be used in the design problem.
Jul 2022 134pp
9789390620784 Paperback £16.95 / €19.00

ELECTRICAL SYSTEMS DESIGN
Third Edition
M.K. Giridharan
Provides comprehensive treatment of electrical system design. Keeping in view the current advances and environmental concerns, this book also covers solar PV installation and emergency/standby generation installation.
Jul 2022 426pp
9789390620135 Paperback £55.00 / €62.00

SPEECH SIGNAL PROCESSING
V. Udayashankara
Designed for the undergraduate students of electronics and communications, computer science and engineering and other allied circuit branches. This book presents the subject matter in a simple yet comprehensive manner.
May 2022 470pp
9789390620050 Paperback £71.00 / €81.00

FUNDAMENTALS OF PROCESS CONTROL
Principles and Concepts
Patrick F. Bouwman
Offers an instructional introduction to modern-day industrial process control. The content is both practical and theoretical, with an emphasis on the basic principles and concepts of process control and how they are used in industrial applications.
Aug 2022 480pp
9781643311395 Paperback £140.00 / €159.00

MULTIPHYSICS MODELING USING COMSOL 5 AND MATLAB
Second Edition
Roger W. Pryor
COMSOL 5 and MATLAB are valuable software modeling tools for engineers and scientists. This updated edition includes five new models and explores a wide range of models in coordinate systems from 0D to 3D, introducing the numerical analysis techniques employed in COMSOL 5.6 and MATLAB software.
Jun 2022 700pp
9781683925897 Hardback £85.00 / €97.00

For further information, visit EUROSPAN BOOKSTORE
SATELLITE COMMUNICATION
Second Edition
Monojit Mitra
A revised edition that incorporates new figures, illustrations and examples. This compact text provides a thorough, readable treatment of the principles of satellite communication and its various technologies and components.

May 2022 256pp
9788194800224 Paperback £19.95 / €23.00

PLUNKETT’S TELECOMMUNICATIONS INDUSTRY ALMANAC 2023
Jack W. Plunkett
A complete market research guide to the telecommunications industry—a tool for strategic planning, competitive intelligence, employment searches or financial research. Features their famous trends analysis, technologies, statistical tables and glossary.

Aug 2022 486pp
9781647880002 Paperback £435.00 / €495.00

PLUNKETT’S WIRELESS, WI‑FI, RFID & CELLULAR INDUSTRY ALMANAC 2023
Jack W. Plunkett
A complete market research guide to the wireless and smartphone telecommunications industry—for strategic planning, competitive intelligence, employment searches or financial research. Provides profiles of 330 leading wireless, Wi‑Fi, RFID and cellular industry firms worldwide, public and private, containing addresses and executive contacts.

Aug 2022 418pp
9781647880026 Paperback £435.00 / €495.00

THE FIFTH GENERATION OF MOBILE TECHNOLOGY
5G as an Opportunity to Leapfrog Development
Je Myung Ryu et al
Sustainable Infrastructure
Explores the latest innovation in wireless technology, the tremendous opportunities that could be reaped from adopting 5G, the costs and challenges associated with 5G, and policy considerations for developing countries to most effectively deploy and utilise the 5G network.

Aug 2022 200pp
9781464816048 Paperback £46.50 / €53.00
GAS LIFT SYSTEMS DESIGN & OPTIMIZATION
A Modern Modeling Approach
Manickavasakan S. Nadar
Captures how to optimize gas lifted fields using various modeling tools and communications technologies. This book presents a holistic design that assures a comprehensive system methodology. To help achieve the goals of production optimization, this text examines certain vital concepts such as - fluid properties and inflow capacities, gas lift design options, gas lift supply and production gathering facilities as well as operation of processing equipment. Furthermore, various field management strategies are demonstrated in this solid approach, which will enable engineers to apply and achieve many key performance indicators in field operations.

Jun 2022 297pp
9781955578028 Hardback £130.00 / €148.00

ENERGY STATISTICS POCKETBOOK 2022
United Nations Department for Economic and Social Affairs
The fifth in a series of pocketbook compilations on energy statistics designed to highlight the availability of data on various aspects of energy production, transformation and use and its linkages to other key statistics. Energy is central to the achievement of the 2030 Agenda for Sustainable Development and the Paris Agreement on climate change, and sound energy statistics are the basis for the reliable measurement of progress, thereby assisting the formulation of policy measures to achieve international and national sustainable development goals.

Jun 2022 78pp
9789212591971 Paperback £27.95 / €30.00

For further information, visit EUROSPEEDBOOKSTORE
NUCLEAR ENERGY
Perception or Reality?
Emrah Akyüz
Both nuclear energy advocates and nuclear energy opponents try to manipulate society by providing incomplete or incorrect information about nuclear energy. This volume provides readers with objective information about both the advantages and disadvantages of nuclear energy and explains many common myths about it.
Aug 2022 200pp
9781680536928 Hardback £165.00 / €187.00

American Society of Mechanical Engineers

WIND ENERGY APPLICATIONS
Edited by K.R. Rao
ASME Press Book Series on Renewable Energy
This third volume of the new ASME Press Book Series on Renewable Energy also edited by Dr. Rao and published by ASME Press is based on updated chapters from the classic 2011 Handbook of Energy and Power Generation in addition to a new chapter appropriate for the title of this book.
May 2022 222pp
9780791885727 Hardback £120.00 / €139.00

IGI Global

BIOMASS AND BIOENERGY SOLUTIONS FOR CLIMATE CHANGE MITIGATION AND SUSTAINABILITY
Edited by Ashok Kumar Rathoure & Shankar Mukundrao Khade
Highlights the challenges of energy conservation and current scenarios of existing fossil fuel uses along with pollution potential of burning fossil fuel. This book further promotes the inventory, assessment, and use of biomass, pollution control, and techniques.
Ocr 2022 340pp
9781668452707 Paperback £185.00 / €210.00
9781668452691 Hardback £245.00 / €279.00

Asian Development Bank

CARBON CAPTURE, UTILIZATION, AND STORAGE GAME CHANGERS IN ASIA
2020 Compendium of Technologies and Enablers
Showcases new and innovative low carbon technologies that have potential to be deployed in Asia and the Pacific. The compendium features ten technologies for capturing, utilising, or storing carbon dioxide. The key aspects of these technologies are discussed together with their advantages and status of development and commercialisation.
May 2022 44pp
9789292626280 Paperback £21.50 / €24.00

ECO-FRIENDLY AND AGILE ENERGY STRATEGIES AND POLICY DEVELOPMENT
Edited by Mir Sayed Shah Danish & Tomonobu Senju
Establishes interdisciplinary coverage in sustainable energy development by strategic thinking and lifestyle changes by designing agile energy strategies and policies. This book offers research, experiences, and lessons learned that offer integrated conceptual and empirical contributions from different interrelated fields.
Oct 2022 335pp
9781799895039 Paperback £180.00 / €205.00
9781799895022 Hardback £234.00 / €267.00

OPTIMIZATION AND DECISION-MAKING IN THE RENEWABLE ENERGY INDUSTRY
Edited by Figen Balo et al
Analyses renewable energy sources using current mathematical methods and techniques and provides advanced knowledge on key opportunities and challenges. This book discusses current and trending mathematical methods, tests their validity and verification, and considers their practical application in the field.
May 2022 325pp
9781668424735 Paperback £202.00 / €230.00
9781668424728 Hardback £267.00 / €304.00
eBook available
RESEARCH ANTHOLOGY ON CLEAN ENERGY MANAGEMENT AND SOLUTIONS
Edited by Information Resources Management Association
Provides research that explores strategies and techniques used in the energy production field to optimise energy efficiency in order to maintain clean and safe use while delivering ample energy coverage. This anthology also seeks solutions to energy that have not yet been optimised or are still produced in a way that is harmful to the environment.
Jul 2022 2,002pp, 4 volumes
9781799891529 Hardback £1450.00 / €1699.00

IK International Pvt. Ltd
FUNDAMENTALS OF POWER PLANT ENGINEERING
R. Yadav & Sanjay & Rajay
Presents a thorough treatment of the fundamentals of power plant engineering (Conventional and Non-Conventional/Renewal) from the working, design, applications, operations control and maintenance point of view.
Jul 2022 920pp
9789390620906 Paperback £98.00 / €112.00

International Atomic Energy Agency
AGEING MANAGEMENT AND LONG TERM OPERATION OF NUCLEAR POWER PLANTS
Data Management, Scope Setting, Plant Programmes and Documentation
IAEA
Safety Reports Series, No. 106
Jul 2022 106pp
9789201328212 Paperback £47.95 / €56.00

BENCHMARKS OF FUEL BURNUP AND MATERIAL ACTIVATION COMPUTATIONAL TOOLS AGAINST EXPERIMENTAL DATA FOR RESEARCH REACTORS
IAEA
IAEA TECDOC Series, No. 1992
Provides the final consolidated results of an IAEA coordinated research project (CRP). The publication comprises the benchmark studies, details of the calculations in the annexes and individual reports of the CRP participants in the online supplementary files.
May 2022 276pp, 125 illustrations
9789201013224 Paperback £16.50 / €18.00

ALTERNATIVE COMMERCIALIZATION PATHWAYS FOR FUSION ENERGY SYSTEMS
IAEA
IAEA TECDOC Series, No. 1997
Outlines the main elements for the development of alternative commercialisation pathways for fusion energy systems in the coming decades, bringing together expert opinions from the diverse range of disciplines that are essential to fusion’s commercial success.
Oct 2022 140pp
9789201216229 Paperback £16.50 / €18.00
CASE STUDY ON ASSESSMENT OF RADIOLOGICAL ENVIRONMENTAL IMPACT FROM NORMAL OPERATION
IAEA
IAEA TECDOC Series, No. 1996
Presents the results of the IAEA/INPRO Collaborative Project on Environmental Impact Benchmarking Applicable for Nuclear Energy Systems under Normal Operation. The publication presents a set of examples of different approaches for estimating environmental impact from nuclear power plants under normal operation conditions in different countries.
Jun 2022 244pp, 213 illustrations 9789201183224 Paperback £16.50 / €18.00

COMMUNICATION AND STAKEHOLDER INVOLVEMENT IN RADIOACTIVE WASTE DISPOSAL
IAEA
IAEA Nuclear Energy Series, No. NW-T-1.16
Communication and stakeholder involvement are essential components for a successful disposal programme. This publication provides practical guidance on communication and stakeholder involvement for countries embarking on, relaunching or revising a disposal programme.
Jun 2022 92pp 9789201195227 Paperback £36.50 / €42.00

DECOMMISSIONING AT A MULTIFACILITY SITE
IAEA
IAEA Nuclear Energy Series, No. NW2.13
In recent years, several Member States have completed the decommissioning of multifacility nuclear sites. This publication consolidates their technical and organisational experience, and provides information and practical guidance that promotes safe, timely and cost effective implementation.
Jul 2022 78pp 9789201195227 Paperback £36.50 / €42.00

DEVELOPMENT OF STEADY STATE COMPACT FUSION NEUTRON SOURCES
IAEA
IAEA TECDOC Series, No. 1998
Fusion neutron sources have important practical uses, such as irradiation testing of materials and components, facilitating the production of various isotopes, driving subcritical cores, characterising spent nuclear fuel, and manufacturing medical isotopes. This publication is a compilation arising from an IAEA research project on this topic.
Jul 2022 120pp 9789201227225 Paperback £16.50 / €18.00

LEADERSHIP, MANAGEMENT AND CULTURE FOR SAFETY IN RADIOACTIVE WASTE MANAGEMENT
IAEA
IAEA Safety Standards Series, No. GSG-16
Provides recommendations on how to comply with IAEA safety requirements on leadership and management for safety in the area of radioactive waste management. The guide presents updated guidance on developing and implementing management systems for safety during all steps of radioactive waste management.
May 2022 99pp 9789201374219 Paperback £37.95 / €44.00

LESSONS LEARNED IN REGULATING SMALL MODULAR REACTORS
IAEA
IAEA TECDOC Series, No. 2003
Identifies key regulatory challenges and lessons learned that have emerged in regulatory reviews and decision making related to Small Modular Reactors in Member States and provides considerations on future actions.
Jul 2022 516pp 9789201250223 Paperback £16.50 / €18.00
MANAGING SITING ACTIVITIES FOR NUCLEAR POWER PLANTS
IAEA
IAEA Nuclear Energy Series, No. NGT3.7 (Rev.1)
Member States continue to request guidance on introducing nuclear power to their power production strategy. This publication provides updated methodology and framework and discusses aspects including nuclear safety and security, technology and engineering, economics and cost, land use planning and preparation, socioeconomic impacts and involvement of stakeholders.

Oct 2022 78pp
9789201210227 Paperback £33.95 / €40.00

MANAGING THE DECOMMISSIONING AND REMEDIATION OF DAMAGED NUCLEAR FACILITIES
Final Report of the Collaborative Project DAROD
IAEA
IAEA TECDOC Series, No. 1989
Summarises the outcomes of the DAROD Project. This publication is intended for regulatory bodies, operating organisations, technical support organisations and governmental officials who are involved in the decommissioning and remediation of nuclear facilities damaged after an accident or owing to a legacy deterioration.

May 2022 134pp
9789201426215 Paperback £16.50 / €18.00

METHODOLOGIES FOR SEISMIC SOIL-STRUCTURE INTERACTION ANALYSIS IN THE DESIGN AND ASSESSMENT OF NUCLEAR INSTALLATIONS
IAEA
IAEA TECDOC Series, No. 1990
Presents soil-structure interaction (SSI) phenomena and current practices in SSI modelling, simulation methodology and analysis methods for the design and assessment of nuclear installations.

Jun 2022 194pp, 53 illustrations
9789201431219 Paperback £16.50 / €18.00

NUMERICAL BENCHMARKS FOR MULTIPHYSICS SIMULATION OF PRESSURIZED HEAVY WATER REACTOR TRANSIENTS
IAEA
IAEA TECDOC Series, No. 1994
Provides a description of four numerical test problems, individual multi-physics methodologies applied, and simulations carried out, an independent synthesis of the results, and the lessons learned from the exercise.

May 2022 176pp, 105 illustrations
9789201085221 Paperback £16.50 / €18.00

PREPAREDNESS AND RESPONSE FOR A NUCLEAR OR RADIOLOGICAL EMERGENCY INVOLVING THE TRANSPORT OF RADIOACTIVE MATERIAL
IAEA
IAEA Safety Standards Series, No. SSG-65
Provides guidance and recommendations on arrangements to be made at the preparedness stage, as part of overall emergency preparedness, for emergencies involving the transport of radioactive material. The guidance and recommendations are aimed at any State and its government, and at regulatory bodies and other response organisations.

Mar 2022 99pp
9789201275219 Paperback £33.95 / €40.00

PROTECTION AGAINST INTERNAL AND EXTERNAL HAZARDS IN THE OPERATION OF NUCLEAR POWER PLANTS
IAEA
IAEA Safety Standards Series, No. SSG-77
Provides specific recommendations on protection against internal and external hazards in the operation of nuclear power plants. The guide provides new or updated recommendations derived from enhanced understanding of operational aspects of hazards and combinations of hazards.

May 2022 83pp
9789201017222 Paperback £41.50 / €48.00
QUALITY ASSURANCE AND QUALITY CONTROL IN NEUTRON ACTIVATION ANALYSIS
A Guide to Practical Approaches
IAEA
Technical Reports Series, No. 487
Based on the most up to date relevant ISO guides and international practices, this publication provides practical guidance on quality assurance and quality control in Neutron Activation Analysis (NAA) laboratories. It is intended to be used in the day-to-day work of NAA at research reactors.
Jul 2022 51pp
9789201324214 Paperback £26.50 / €30.00

REGULATORY OVERSIGHT OF AGEING MANAGEMENT AND LONG TERM OPERATION PROGRAMME OF NUCLEAR POWER PLANTS
IAEA
Safety Reports Series, No. 109
Provides technical and practical information on existing regulatory approaches and practices of Member States, and the application of the IAEA Safety Standards. This includes requirements and pre-conditions of the regulatory body for LTO, authorization processes applied to LTO, and regulatory practices and documentation to implement LTO.
Oct 2022 79pp
9789201081223 Paperback £41.50 / €48.00

RESOURCE REQUIREMENTS FOR NUCLEAR POWER INFRASTRUCTURE DEVELOPMENT
IAEA
IAEA Nuclear Energy Series, No. NG-T-3.21
Developing a nuclear power programme is a major undertaking requiring careful planning and preparation. This publication provides guidance for Member States that wish to assess the resources required for the development of the infrastructure needed for a nuclear power programme.
Jul 2022 36pp
9789201198228 Paperback £16.95 / €20.00

RISK AGGREGATION FOR NUCLEAR INSTALLATIONS
IAEA
IAEA TECDOC Series, No. 1983
Describes the practices and challenges related to risk aggregation for various hazards, various operational states, and considering all sources of potential radioactive releases at a nuclear installation site.
May 2022 140pp, 53 illustrations
9789201354211 Paperback £16.50 / €18.00

SECURITY MANAGEMENT OF RADIOACTIVE MATERIAL IN USE AND STORAGE AND OF ASSOCIATED FACILITIES
IAEA
IAEA Nuclear Security Series, No. 43-T
Presents security management as an essential tool to verify that personnel, procedures and equipment operate interdependently and in an integrated manner, and that the leadership and personnel responsible for security demonstrate the highest commitment towards promoting a robust nuclear security culture within the organisation.
May 2022 68pp
9789201182210 Paperback £38.95 / €46.00

SEISMIC HAZARDS IN SITE EVALUATION FOR NUCLEAR INSTALLATIONS
IAEA
IAEA Safety Standards Series, No. SSG-9 (Rev. 1)
Takes account of recently gained knowledge and practices developed by Member States related to seismic hazards, especially lessons from the Fukushima Daiichi accident. The guide also addresses concomitant events associated with earthquakes, such as tsunamis.
Apr 2022 77pp
9789201178213 Paperback £36.50 / €42.0
STATUS AND TRENDS IN SPENT FUEL AND RADIOACTIVE WASTE MANAGEMENT
IAEA
IAEA Nuclear Energy Series, No. NW‑T‑1.14 (Rev. 1)
Provides a global overview of the status of spent fuel and radioactive waste management programmes, inventories, current practices, technologies and trends. The publication presents information on national arrangements for the management of spent fuel and radioactive waste, and on current waste and spent fuel inventories and their future estimates.
Apr 2022 88pp, 19 figures
9789201305213 Paperback £28.95 / €34.00

THERMAL PERFORMANCE MONITORING AND OPTIMIZATION IN NUCLEAR POWER PLANTS
Experience and Lessons Learned
IAEA
IAEA TECDOC, No. 1971
Provides various methodologies for tracking and trending nuclear power plant (NPP) thermal performance. The publication describes the essential elements of a thermal performance programme, providing guidelines on the design of the balance of the plant systems for new build NPPs and improvements to an existing programme for operating NPPs.
May 2022 220pp, 141 illustrations
9789201238214 Paperback £16.50 / €18.00

SUMMARY REVIEW ON THE APPLICATION OF COMPUTATIONAL FLUID DYNAMICS IN NUCLEAR POWER PLANT DESIGN
IAEA
IAEA Nuclear Energy Series, No. NR‑T‑1.20
Documents the results of an IAEA coordinated research project (CRP) on the application of computational fluid dynamics (CFD) codes for nuclear power plant design. The main objective is to benchmark CFD codes, model options and methods against CFD experimental data under single phase flow conditions.
May 2022 80pp
9789201002211 Paperback £33.95 / €40.00

THE ROLE OF POWER ELECTRONICS IN MODERN ENERGY SYSTEM INTEGRATION
Saeed Peyghami et al
Foundations and Trends® in Electric Energy Systems
Provides an overview of the modern electric energy systems with more power electronics integration in generation, operation and control perspectives. The basics of power systems are introduced and the fundamentals of transition from traditional centralized power systems to modern power systems are discussed.
May 2022 88pp
9781638280088 Paperback £60.00 / €70.00

For further information, visit EUROSPAN BOOKSTORE
RENEWABLE ENERGY SOURCES AND EMERGING TECHNOLOGIES
Third Edition
D.P. Kothari, K.C. Singal & Rakesh Ranjan

Now in its third edition, this is an introductory text on renewable energy sources, technologies and their applications - a subject that is becoming increasingly important worldwide. This book includes a large number of numerical problems to correlate theory with typical values, several case studies and chapter-wise review questions.

Mar 2022 496pp
9789389347890 Paperback £31.50 / €36.00

PLUNKETT’S ENERGY & UTILITIES INDUSTRY ALMANAC 2023
Jack W. Plunkett

Market research guide to the energy & utilities (including oil & gas) industry—for strategic planning, competitive intelligence, employment searches or financial research. Contains trends analysis, globalization, trade, statistical tables and an industry glossary. Includes profiles of the Energy 500 Firms, featuring addresses, phone numbers and executive names.

Nov 2022 656pp
9781628316650 Paperback £435.00 / €495.00

PLUNKETT’S GREEN TECHNOLOGY INDUSTRY ALMANAC 2022
Green Technology Industry Market Research, Statistics, Trends and Leading Companies
Jack W. Plunkett

Plunkett’s GreenTech market research includes an analysis of trends and markets, industry statistics, globalization and investment, including venture capital. Covers green initiatives in sectors ranging from real estate to consumer products to transportation and energy, along with technologies, research and development.

May 2022 376pp
9781628316230 Paperback £415.00 / €475.00

PLUNKETT’S SOLAR POWER, WIND POWER & RENEWABLE ENERGY INDUSTRY ALMANAC 2023
Jack W. Plunkett

Market research guide to the business side of renewable, alternative & hydrogen energy – a tool for strategic planning, competitive intelligence, employment searches or financial research. Contains trends, statistical tables, and an industry glossary.

Dec 2022 400pp
9781628316650 Paperback £435.00 / €495.00
Groundwater: Making the Invisible Visible

United Nations Educational Scientific and Cultural Organization

Accounting for approximately 99% of all liquid freshwater on Earth, groundwater has the potential to provide societies with tremendous social, economic and environmental benefits and opportunities. However, this natural resource is often poorly understood, and consequently undervalued, mismanaged and even abused. In spite of its overall abundance, groundwater remains vulnerable to over-exploitation and pollution, both of which can have devastating effects on the resource and its availability. In the context of growing water scarcity across many parts of the world, the enormous potential of groundwater and the need to manage it sustainably can no longer be overlooked. The 2022 edition of The United Nations World Water Development Report describes the challenges and opportunities associated with the development, management and governance of groundwater across the world.

Jun 2022 244pp
9789231005077 Paperback £66.00 / €75.00

Affordability of Wastewater Service

Second Edition

Water Environment Federation

Provides an overview of the problem of affordability of wastewater utility bills and offers specific considerations that elected officials, utility managers, and utility staff might take into account when addressing affordability issues in their communities. This includes defining and measuring affordability, highlighting what features might be included in an assistance program for those unable to pay for basic service levels, identifying the primary targets for an assistance program and determining eligibility, listing possible performance measures for providing this assistance, and offering some case studies from communities that have been leaders in attempting to tackle these difficult issues.

Aug 2022 114pp
9781572784093 Paperback £153.00 / €174.00

For further information, visit EUROSPAN BOOKSTORE
<table>
<thead>
<tr>
<th>Publisher</th>
<th>Title</th>
<th>Authors</th>
<th>Description</th>
<th>Publication Date</th>
<th>Pages</th>
<th>ISBN</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Alabama Press</td>
<td>GEOENGINEERING, PERSUASION, AND THE CLIMATE CRISIS: A Geologic Rhetoric</td>
<td>Ehren Helmut Pflugfelder</td>
<td>Exposes the deeply worrying state of discourse over geoengineering - the intentional manipulation of the earth’s climate as means to halt or reverse global warming. The book investigates how geoengineering proponents marshal geologic actors into their arguments - and how current discourse could lead to greater exploitation of the earth.</td>
<td>Dec 2022</td>
<td>264</td>
<td>9780817321420</td>
<td>£52.00 / €60.00</td>
</tr>
<tr>
<td>American Psychological Association</td>
<td>SUSTAINABLE SOLUTIONS: The Climate Crisis and the Psychology of Social Action</td>
<td>Robert G. Jones</td>
<td>Examines the complicated web of behaviours and motivations that underlie our sustainability problem, and identifies concrete actions social scientists, policymakers, and individuals can take to help transform ourselves, and our planet, for the better.</td>
<td>Aug 2022</td>
<td>236</td>
<td>9781433834462</td>
<td>£41.95 / €47.00</td>
</tr>
<tr>
<td>American Society of Civil Engineers</td>
<td>ELECTRO-COAGULATION AND ELECTRO-OXIDATION IN WATER AND WASTEWATER TREATMENT</td>
<td>Patrick Drogui et al</td>
<td>Provides current state-of-the-art fundamentals and applications of electro-coagulation (EC) and electro-oxidation (EO) for water/wastewater treatment. EC and EO are based on the principle of introducing an electrical current to induce chemical reactions in the system, causing the destabilization of most pollutants.</td>
<td>Jul 2022</td>
<td>476</td>
<td>9780784416020</td>
<td>£153.00 / €173.00</td>
</tr>
<tr>
<td>American Society of Civil Engineers</td>
<td>TOTAL MAXIMUM DAILY LOAD DEVELOPMENT AND IMPLEMENTATION Models, Methods, and Resources</td>
<td>Harry X. Zhang et al</td>
<td>Describes the state of the practice and provides guidance to practitioners in selecting analytical tools and models in the development of a total maximum daily load (TMDL) and its implementation plan. The book includes descriptions of watershed and receiving water quality models that can be used, highlighting advances in TMDL analysis and modeling.</td>
<td>Mar 2022</td>
<td>460</td>
<td>9780784415948</td>
<td>£177.00 / €200.00</td>
</tr>
<tr>
<td>American Water Works Association</td>
<td>CURED-IN-PLACE PIPE (CIPP) REHABILITATION OF PRESSURIZED POTABLE WATER PIPELINES, 4 IN. (100 MM) AND LARGER</td>
<td>ANSI/AWWA C623-22</td>
<td>Covers materials and procedures for the rehabilitation of existing water mains 4 in. (100 mm) in diameter and larger by the installation and curing of a resin impregnated textile tube that is either inverted into the main using a hydrostatic head of potable water or air pressure or pulled into the main and subsequently inflated by potable water or air.</td>
<td>May 2022</td>
<td>30</td>
<td>9781647170851</td>
<td>£100.00 / €115.00</td>
</tr>
</tbody>
</table>
DISINFECTION OF WELLS
ANSI/AWWA C654-21
AWWA Standard
This standard describes the procedures for disinfection and bacteriological testing of wells for potable water service following construction, servicing, maintenance, or any other activity or event that might lead to contamination of the water.
Apr 2022 25pp
9781647170837 Paperback £114.00 / €129.00

DUCTILE-IRON AND GRAY-IRON FITTINGS
ANSI/AWWA C110-21
AWWA Standard
Covers 3- to 48-in. (76- to 1,219-mm) gray-iron and/or ductile-iron fittings to be used with ductile-iron pipe for water.
Apr 2022 32pp
9781647170783 Paperback £136.00 / €155.00

FUSION-BONDED EPOXY COATINGS AND LININGS FOR STEEL WATER PIPE AND FITTINGS
ANSI/AWWA C213-22
AWWA Standard
Describes the material and application requirements for fusion-bonded epoxy coatings and linings for steel water pipe, special sections, welded joints, connections, fittings, and appurtenances for steel water pipelines installed underground or underwater.
May 2022 228pp
9781647170875 Paperback £100.00 / €115.00

HORIZONTAL CENTRIFUGAL AND VERTICAL LINE SHAFT PUMPS
ANSI/AWWA E103-21
AWWA Standard
Provides minimum requirements for horizontal centrifugal pumps and for vertical line-shaft pumps for installation in wells, water treatment plants, water transmission systems, and water distribution systems.
Apr 2022 26pp
9781647170790 Paperback £114.00 / €129.00

POLYETHYLENE-ALUMINUM-POLYETHYLENE (PE-AL-PE) COMPOSITE PRESSURE PIPE, 12 MM (1/2 IN.) THROUGH 51 MM (2 IN.), FOR WATER SERVICE
ANSI/AWWA C903-21
AWWA Standard
Describes coextruded polyethylene (PE) composite pressure pipes with a welded aluminum tube reinforcement between the inner and outer layers of polyethylene, primarily for use as underground water service lines.
Apr 2022 30pp
9781647170813 Paperback £126.00 / €143.00

REINFORCED CONCRETE PRESSURE PIPE, NONCYLINDER TYPE
ANSI/AWWA C302-22
AWWA Standard
Provides the minimum requirements for reinforced concrete pressure pipe, noncylinder type, including fabrication and testing requirements.
Jun 2022 227pp
9781647170905 Paperback £100.00 / €115.00

REINFORCED CONCRETE PRESSURE PIPE, STEEL-CYLINDER TYPE
ANSI/AWWA C300-22
AWWA Standard
Provides the minimum requirements for reinforced concrete pressure pipe, steel-cylinder type, including fabrication and testing requirements.
Jun 2022 27pp
9781647170899 Paperback £100.00 / €115.00

For further information, visit EUROSPAN BOOKSTORE
SODIUM CHLORIDE
ANSI/AWWA B200-22
AWWA Standard
Describes sodium chloride in the forms of rock, vacuum-granulated, compressed vacuum-granulated, solar, and compressed solar salt for use in the recharging of cation-exchange materials in water supply service for softening municipal and industrial potable water, wastewater, and reclaimed water supplies.
Jul 2022 27pp
9781647170929 Paperback £100.00 / €115.00

STAINLESS-STEEL, FULL-ENCIRCLEMENT REPAIR AND SERVICE CONNECTION CLAMPS FOR 2 IN. THROUGH 12 IN. (50 MM THROUGH 300 MM) PIPE
ANSI/AWWA C230-22
AWWA’s Standard
Describes fabricated full-encirclement stainless-steel band clamps for use in the repair or tapped service connection of potable water, wastewater, and reclaimed water piping systems.
May 2022 22pp
9781647170868 Paperback £100.00 / €115.00

THICKNESS DESIGN OF DUCTILE-IRON PIPE
ANSI/AWWA C150-21
AWWA Standard
Describes the thickness design of ductile-iron pipe complying with the requirements of ANSI/AWWA C151/A21.51, Ductile-Iron Pipe, Centrifugally Cast.
Apr 2022 30pp
9781647170820 Paperback £100.00 / €115.00

WASTEWATER TREATMENT PLANT OPERATIONS AND MANAGEMENT
ANSI/AWWA G510-21
AWWA Standard
Describes the essential or critical requirements for the effective operation and management of a wastewater treatment plant.
Aug 2022 28pp
9781647170806 Paperback £134.00 / €153.00

WET-BARREL FIRE HYDRANTS
ANSI/AWWA C503-21
AWWA Standard
Provides purchasers, manufacturers, and suppliers with the minimum requirements for wet-barrel fire hydrants for fire-protection service, including materials, design, inspection, testing, marking, and shipping requirements.
Apr 2022 28pp
9781647170844 Paperback £100.00 / €115.00

Asian Development Bank
DIGITAL TECHNOLOGIES FOR CLIMATE ACTION, DISASTER RESILIENCE, AND ENVIRONMENTAL SUSTAINABILITY
Provides insights on how digital technologies can be operationalised in the Asian Development Bank’s developing member countries, including to support nationally determined contributions and green recovery efforts.
Apr 2022 96pp
9789292628796 Paperback £27.95 / €32.00
A GOVERNANCE APPROACH TO URBAN WATER PUBLIC-PRIVATE PARTNERSHIPS
Case Studies and Lessons from Asia and the Pacific
Asian Development Bank
Explores lessons from case studies on the governance of public-private partnerships (PPPs) in the water and sanitation sector in Asia and the Pacific. The publication aims to support governments and private practitioners in meeting the challenge of providing universal access to water and sanitation in the region’s fast-growing cities.
Jun 2022 56pp
9789292694135 Paperback £22.95 / €26.00

REVIEW OF OPPORTUNITIES FOR THE PACIFIC WASH SECTOR
Tika Ram Limbu et al
Reviews the water, sanitation, and hygiene (WASH) sector in the Pacific. The publication proposes recommendations to strengthen the sector to help address the pandemic and build long-term resilience and sustainability.
May 2022 68pp
9789292692599 Paperback £23.95 / €27.00

ANALYZING SUSTAINABILITY IN PERIPHERAL, ULTRA-PERIPHERAL, AND LOW-DENSITY REGIONS
Edited by Rui Alexandre Castanho
Investigates activities, processes, and behaviours in light of new challenges and the desired sustainable development and growth model. This book analyses the dynamics and patterns ongoing in the peripheral, ultra-peripheral, and low-density regions regarding sustainability and the issues that may influence it.
Jul 2022 300pp
9781668445495 Paperback £180.00 / €205.00
9781668445488 Hardback £234.00 / €267.00

ASSESSING THE EFFECTS OF EMERGING PLASTICS ON THE ENVIRONMENT AND PUBLIC HEALTH
Edited by Sung Hee Joo
Assesses the harmful effects of plastics on the environment and public health. This book evaluates the potential risks of micro- and nano-plastics and reviews applications of modeling tools and prevention approaches using technologies to minimise plastic pollution through the development of biodegradable plastics and recycling.
Jun 2022 335pp
9781799897247 Paperback £180.00 / €205.00
9781799897231 Hardback £212.00 / €242.00

ENERGETICS PERSPECTIVE ON THE ENVIRONMENTAL AND HUMAN IMPACT OF BUILDINGS
Edited by Teodora Melania Soimosan & Ligia Mihaela Moga
Presents research that explores existing and future buildings from the energy performance point of view, and defines their interaction with the surrounding environment and the indoor environment from a human wellbeing perspective. This book examines a wide range of topics, including performance indicators, energy balance, and sustainability.
Jul 2022 300pp
9781799835738 Paperback £164.00 / €186.00

HANDBOOK OF RESEARCH ON GREEN TECHNOLOGIES FOR SUSTAINABLE MANAGEMENT OF AGRICULTURAL RESOURCES
Edited by R. S. Sengar, Reshu Chaudhary & H. S. Bhadauriya
Covers the applications of green technology as well as different eco-friendly technologies for the sustainable management of natural resources. This book also explores the timely topic of enhancing crop productivity.
May 2022 435pp
9781799884347 Hardback £320.00 / €366.00
HANDBOOK OF RESEARCH ON WATER SCIENCES AND SOCIETY
Edited by Ashok Vaseashta, Gheorghe Duca & Sergey Olegovich Travin
Provides a comprehensive knowledge base on the latest fundamental and applied research and scientific innovations regarding the relationships between society and water resources, safe and sustainable use of water, watershed stewardship, industrial application, and public health awareness.
Jul 2022 600pp
9781799873563 Hardback £320.00 / €366.00

IMPACT OF ARTIFICIAL REEFS ON THE ENVIRONMENT AND COMMUNITIES
Edited by Jorge H. P. Ramos
Offers insights on the connection between artificial reefs and the tourism industry in order to encourage the sharing of experiences and development of new innovative possibilities that create value for society. This book presents the experiences, testimonies, and innovations of those who work closely with artificial reefs.
May 2022 325pp
9781668423455 Paperback £180.00 / €205.00

SUSTAINABLE DEVELOPMENT GOALS, CLIMATE CHANGE, AND DIGITALIZATION CHALLENGES IN PLANNING
Edited by Rui Alexandre Castanho
Discusses sustainability issues in the planning and development field regarding the environment. This book promotes understanding about the dynamics, challenges, and opportunities for the new decade regarding our common future planning, and covers topics such as the circular economy, economic-ecological principles, and sustainable resilience.
Jul 2022 335pp
9781799884835 Paperback £185.00 / €211.00

WATER SUPPLY AND SANITATION
Athar Hussain & Alpana Gupta
Discusses water treatment technologies and supply. A unique feature of this book is the way in which chapters interact. Cross-references between theory and application help with integration of the subject matter.
Jul 2022 560pp
9789390620777 Paperback £55.00 / €62.00

RISKY CITIES
The Physical and Fiscal Nature of Disaster Capitalism
Albert S. Fu
Nature, Society, and Culture
Provides a critical examination of global urban development, capitalism, and its relationship with environmental hazards. Risky Cities is not simply about post-catastrophe profiteering. This book focuses on the way in which disaster capitalism has figured out ways to commodify environmental bads and manage risks.
Apr 2022 188pp
9781978820302 Paperback £27.95 / €33.00
9781978820319 Hardback £113.00 / €129.00
UNISA Press

INTRODUCTION TO MUNICIPAL WATER QUALITY MANAGEMENT
Johannes Haarhoff

Grounded in solid science, Introduction to Municipal Water Quality Management not only links theory and regulations in practice but also offers simple numerical examples to better understand the rules and encourage a quantitative application to everyday problems.

Jul 2022 194pp
9781776150656 Paperback £18.95 / €22.00

United Nations Publications

BEST PRACTICE GUIDANCE FOR EFFECTIVE MANAGEMENT OF COAL MINE METHANE AT NATIONAL LEVEL
Monitoring, Reporting, Verification and Mitigation
United Nations Economic Commission for Europe
ECE Energy Series, No. 71

National monitoring, reporting, and verification (MRV) programmes can not only help countries better understand the contribution of coal mining to their overall methane and GHG emissions, but also identify opportunities for mitigation. In particular, MRV can help assess and track the effectiveness of the adopted climate policies.

Jun 2022 104pp
9789211172812 Paperback £27.95 / €30.00

CONFERENCE OF EUROPEAN STATISTICIANS FRAMEWORK ON WASTE STATISTICS
United Nations Economic Commission for Europe

Serves as a guide for statisticians compiling national waste statistics and contributes to further international harmonisation of waste statistics. The proposed expanded scope of waste statistics provides an important foundation for measuring the circular economy and other waste-related policy areas.

Jun 2022 74pp
9789211172812 Paperback £43.95 / €50.00

HANDBOOK ON WATER ALLOCATION IN A TRANSBOUNDARY CONTEXT
United Nations Economic Commission for Europe

Provides a global review of water allocation arrangements in transboundary basins. Illustrative case studies from around the world highlight diverse transboundary allocation practices, challenges and lessons learned.

Jun 2022 220pp
9789211172737 Paperback £55.00 / €62.00

SOLUTIONS AND INVESTMENTS IN THE WATER-FOOD-ENERGY ECOSYSTEMS NEXUS
A Synthesis of Experiences in Transboundary Basins
United Nations Economic Commission for Europe

Demonstrates the benefits and added value of implementing intersectoral (nexus) solutions to solve the most typical problems affecting transboundary basins in terms of water quantity, quality, and environment. It is based on a survey of stakeholders worldwide who have experience with solutions and investments.

May 2022 112pp
9789211172720 Paperback £38.95 / €44.00

For further information, visit EUROSPAN BOOKSTORE
Focuses on consolidating technologies under a comprehensive view of stormwater management in an attempt to foster convergence between traditional stormwater controls and green infrastructure.

Aug 2022 768pp
9781572783904 Paperback £185.00 / €210.00

Provides a summary of water reclamation technologies and practices for minimizing liquid discharge for a range of industries. The manual begins with an overview of factors influencing industry to seek to minimize liquid discharges, followed by a review of alternative technologies, performance expectations, sustainability tools, and case studies.

Apr 2022 560pp
9781572783607 Paperback £190.00 / €217.00

Presents an overview of the information technology (IT) systems, practices, and applications most relevant to utilities. This resource covers strategic planning, IT program development, project management, infrastructure, security, organisational issues, success factors, and challenges.

Aug 2022 266pp
9781572784154 Paperback £185.00 / €210.00

Presents the best practices for the use of membrane bioreactors for wastewater treatment. The book begins with an overview of membrane and biological process fundamentals, followed by coverage of membrane bioreactor system integrated process design.

Aug 2022 400pp
9781572783874 Paperback £174.00 / €199.00

Delivers state-of-the-art coverage of the operation, management, and maintenance of water resource recovery facilities. Now conveniently presented in one volume, this authoritative resource reflects the 21st Century facility’s role in recovering valuable resources.

May 2022 1,632pp
9781572783959 Paperback £283.00 / €323.00

Many wastewater collection system operators have adopted capacity, management, operations, and maintenance activities to move from reactive operation and maintenance (O&M) to more proactive O&M activities. This publication identifies technologies that can be applied to further this movement into more preventive and even predictive O&M activities.

Aug 2022 120pp
9781572784246 Paperback £142.00 / €162.00
THIRD CENTURY OF BIOCHEMICAL OXYGEN DEMAND
Second Edition
Rodger B. Baird & Roy-Keith
The most comprehensive summary and literature review of Biochemical Oxygen Demand (BOD) on the market. Reviews all previous BOD work - including why technicians, scientists, plant operators, regulators, and engineers have complained about the BOD test for many years.
Aug 2022 508pp
9781572784000 Paperback £185.00 / €210.00

WATER QUALITY INSTRUMENTATION
Principles and Practice
Mark Spencer
Provides both a theoretical explanation of how water sensors operate and a more practical discussion of how practitioners should deploy them to best effect. Readers will walk away with an enhanced understanding of the water instrumentation design, operation, and the chemistry that lies behind both.
Aug 2022 464pp
9781572783584 Paperback £195.00 / €222.00

WASTEWATER SOLIDS INCINERATION SYSTEMS
Water Environment Federation Manual of Practice, Vol. 30
Offers expert incineration guidance for biosolids and wastewater applications, covering current practice and environmentally friendly choices. The book fully explains the safety, permitting, design, operations, and maintenance of the incineration process.
Aug 2022 360pp
9781572783898 Paperback £164.00 / €186.00

AMBIENT AIR POLLUTION AND PUBLIC HEALTH IN SOUTH ASIA
Muthukumara Mani
Aims to identify and map air pollution hotspots in South Asia in terms of concentration and exposure, understand the various sources of pollution in hotspot areas, and help categorise policy actions and interventions based on a systematic analysis of costs and benefits.
Oct 2022 200pp
9781464818318 Paperback £46.95 / €54.00

GETTING DOWN TO EARTH
Are Satellites Reliable for Measuring Air Pollutants that Cause Mortality in Low- and Middle-Income Countries?
World Bank Group
International Development in Focus
Outdoor air pollution accounts for an estimated 4.2 million deaths worldwide, caused predominantly by exposure to fine aerosols. This report investigates the performance of satellites for predicting outdoor concentrations of PM2.5, the most harmful air pollutant to human health, in low- and middle-income countries.
May 2022 242pp
9781464817274 Paperback £43.95 / €50.00

THE GLOBAL HEALTH COST OF PM2.5 AIR POLLUTION
A Case for Action Beyond 2021
World Bank Group
International Development in Focus
This publication estimates that the global cost of health damages associated with exposure to air pollution is $8.1 trillion, equivalent to 6.1 percent of global GDP. It further develops the evidence base for air-quality management through up-to-date estimates of air pollution's global economic costs.
May 2022 86pp
9781464818165 Paperback £32.95 / €38.00

For further information, visit EUROSPAN BOOKSTORE
**FUNDAMENTALS OF FIBER ORIENTATION**

Description, Measurement and Prediction

*Charles L. Tucker III*

Polymers reinforced with discontinuous fibers have a wide range of important applications such as in automotive parts and business machines. The flow that occurs during processing of these materials creates a complex but repeatable pattern of fiber orientation, which plays a key role in achieving the desirable mechanical properties these materials can offer.

The primary focus of this unique book is fiber orientation: how to describe it mathematically, how to measure it experimentally, and how to predict it using models available in commercial software. The book also covers the description, measurement, and modeling of fiber length, another important variable that can be predicted by commercial software.

Aug 2022 334pp
9781569908754 Hardback £126.00 / €149.99

---

**PROCESS OPERATIONS**

Lessons Learned in a Nontechnical Language

*Norman P. Lieberman*

Geared to young and seasoned professionals alike, *Process Operations: Lessons Learned in a Nontechnical Language* is designed to present a straightforward approach to mastering the principles and concepts all process engineers should be able to apply without the need of a computer. While simulations and models are useful for examining long-term operational issues, they cannot replace the dimension of human logic and reason required when tackling the array of complex—and sometimes life-threatening—situations that occur in process plants. Using experiences from my more than 57-year career in the process industry, *Process Operations: Lessons Learned in a Nontechnical Language* provides approaches to understanding core process concepts in ways that will equip the engineer to walk out of an office into a plant and directly resolve process deficiencies via small operational changes or simple retrofits.

Sep 2022 225pp
9781955578066 Hardback £104.00 / €118.00
PHOTOPOLYMERIZATION
Fundamental Polymer Chemistry & Industrial Applications
Byron K. Christmas & Mike J. Idacavage
Introduces the theory of light-induced polymerization utilizing ultraviolet (UV) and visible light and electron beams (EB) as the initiators, beginning with an analysis of the physical chemistry of photopolymerization and its advantages and disadvantages compared to other types.
Aug 2022 300pp
9781605954271 Hardback £188.00 / €213.00

DESIGN OF INJECTION MOLDED PLASTIC PARTS
Christoph Jaroschek
Presents a new perspective on the design of plastic parts. The complex process of manufacturing a plastic part becomes holistically understandable as a link is created between the molder, the mold maker, and the part designer. The focus is on injection molds and therefore on thermoplastics.
Aug 2022 221pp
9781569908938 Hardback £67.50 / €79.99

INDUSTRIAL COLORATION OF PLASTICS
Pigments, Dyestuffs, Fillers, and Nanomaterials
Günter Etzrodt
Successful coloration of plastics is a challenging exercise, requiring deep understanding of chemical, physical, and technological factors, as well as national and international regulations. This book enables the reader to identify the right colour preparation for a particular product application, accounting for material and design.
May 2022 464pp
9781569908525 Hardback £150.00 / €179.99

MEASUREMENT UNCERTAINTY IN ANALYSIS OF PLASTICS
Evaluation by Interlaboratory Test Results
Bruno Wampfler et al
Presents interlaboratory test results in the fields of thermoanalysis, molar mass determination, and quantitative analysis of the composition of material, presented in tables and graphical charts, discussed in the text, and elaborated by practical examples.
Aug 2022 156pp
9781569908129 Hardback £83.50 / €99.99

MOLDING SIMULATION
Theory and Practice
Maw-Ling Wang, Rong-You Chang & Chia-Hsiang
A practical introductory guide to injection molding simulation aimed at both practicing engineers and students. It will help the reader to innovate and improve part design and molding processes, essential for efficient manufacturing.
Aug 2022 604pp
9781569908846 Hardback £150.00 / €179.99

POLYMER TESTING
Wolfgang Grellmann & Sabine Seidler
Reliable methods of polymer testing are necessary to support the plastics industry, being essential for understanding material and part properties, and evaluating materials for a part design, with important implications for product safety as well as operating conditions and lifetime. This book covers all the most important testing methods.
Aug 2022 714pp
9781569908068 Hardback £210.00 / €249.99

For further information, visit EUROSPAN BOOKSTORE
**POWDER TECHNOLOGY IN PLASTICS PROCESSING**

*Anthony Chi-Ying Wong*

Provides a broad understanding of powder technology and the significance of particulate solid characteristics that are applicable to plastics manufacturing processes. The book focuses on the particular characteristics of solid materials relevant to plastics manufacturing processes.

*May 2022 165pp*
9781569908693 Hardback £67.50 / €79.99

---

**PVC ADDITIVES**

*Performance, Chemistry, Developments, and Sustainability, Second Edition*

*Michael Schiller*

PVC differs in its stabilization compared to other commodity plastics. Various metal compounds are suitable for the stabilization of PVC: lead, tin, calcium, magnesium, zinc, rare earths, and also almost-metal-free systems. These differences are described in this book, with their advantages, possibilities, and problems.

*Aug 2022 499pp*
9781569908716 Hardback £168.00 / €199.99

---

**ADVANCED MANUFACTURING TECHNIQUES FOR ENGINEERING AND ENGINEERED MATERIALS**

*Edited by T. Rajasekaran & N. Rajan, T.G. Arul*

Focuses on various advanced manufacturing methods involving 3D printing, casting, welding, Surface modification, CNC, and Non-traditional and hybrid machining methods. Additionally, this book reviews the various machining methods for difficult to cut materials and novel materials including metal matrix composites.

*Mar 2022 315pp*
9781799895756 Paperback £202.00 / €230.00
9781799895749 Hardback £267.00 / €304.00

---

**EMPOWERING SUSTAINABLE INDUSTRIAL 4.0 SYSTEMS WITH MACHINE INTELLIGENCE**

*Edited by Muneer Ahmad & Noor Zaman*

Assesses the challenges, limitations, and potential solutions for creating more sustainable and agile industrial systems. This publication presents recent intelligent systems for a wide range of industrial applications and smart safety measures toward industrial systems.

*May 2022 335pp*
9781799892021 Paperback £185.00 / €211.00

---

**APPLIED AI AND MULTIMEDIA TECHNOLOGIES FOR SMART MANUFACTURING AND CPS APPLICATIONS**

*Edited by Emmanuel Oyekanlu*

Provides a review of the state of the art regarding the integration of AI and multimedia technologies for smart manufacturing applications. This book conducts a cost-benefit analysis regarding the benefits of the integration of specific AI and multimedia technologies in specific industrial manufacturing applications.

*Jul 2022 300pp*
9781799878537 Paperback £202.00 / €230.00
9781799878520 Hardback £267.00 / €304.00

---

**RESEARCH ANTHOLOGY ON MAKERSPACES AND 3D PRINTING IN EDUCATION**

*Edited by Information Resources Management Association*

Considers the benefits makerspaces and 3D printing provide in relation to education as well as the various ways they can be utilised in the classroom for student learning. This book also provides a review of the difficulties educators face when implementing these technologies into their curricula and ensuring student success.

*May 2022, 2 volumes*
9781668462959 Hardback £645.00 / €735.00

<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Description</th>
<th>ISBN</th>
<th>Price</th>
<th>Currency</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW DIRECTIONS IN BIOPROCESS MODELING AND CONTROL</strong></td>
<td>Maximizing Process Analytical Technology Benefits, Second Edition</td>
<td>Provides practical, comprehensive knowledge on how to use the advances in analytical measurements and basic and advanced control to improve batch profiles and endpoint consistency.</td>
<td>Jul 2022 468pp</td>
<td>9781643311043</td>
<td>£117.00 / €132.00</td>
</tr>
<tr>
<td><strong>CHEMICAL PROCESS CALCULATIONS</strong></td>
<td>Ram Prasad</td>
<td>Explains the basic chemical process principles. SI units, chemical stoichiometry and measures of composition, behaviour of gases, vapour pressure of pure substances, and humidity and saturation are covered in detail. In addition, mass and energy balances of chemical processes are described.</td>
<td>Jun 2022 608pp</td>
<td>9789354437816</td>
<td>£46.95 / €55.00</td>
</tr>
<tr>
<td><strong>THE ROAD TO INTEGRATION</strong></td>
<td>A Guide to Applying the ISA-95 Standard in Manufacturing, Second Edition</td>
<td>Explains how to use the principles, terminology, and information methods in the ISA-95 Enterprise Control System Integration series of standards to integrate enterprise resource planning systems, manufacturing execution systems, and manufacturing operations management systems.</td>
<td>Jul 2022 180pp</td>
<td>9781643311463</td>
<td>£117.00 / €132.00</td>
</tr>
<tr>
<td><strong>PLUNKETT’S APPAREL, SHOES &amp; TEXTILES INDUSTRY ALMANAC 2022</strong></td>
<td>Jack W. Plunkett</td>
<td>A complete market research guide to the apparel, clothing and textile supply chains, manufacturing, design, fashions, shoes, accessories, retailing, trade, distribution, technologies and smart fabrics. Includes market analysis as well as highly respected analysis of trends, globalisation, technologies and finances.</td>
<td>May 2022 494pp</td>
<td>9781628316186</td>
<td>£415.00 / €475.00</td>
</tr>
<tr>
<td><strong>PLUNKETT’S CHEMICALS, COATINGS &amp; PLASTICS INDUSTRY ALMANAC 2023</strong></td>
<td>Jack W. Plunkett</td>
<td>Features one page profiles of 400 leading chemicals, coatings and plastics industry firms, containing addresses, phone numbers and executive names.</td>
<td>Aug 2022 508pp</td>
<td>9781628316445</td>
<td>£435.00 / €495.00</td>
</tr>
<tr>
<td><strong>PLUNKETT’S CONSUMER PRODUCTS, COSMETICS, HAIR &amp; PERSONAL SERVICES INDUSTRY ALMANAC 2022</strong></td>
<td>Jack W. Plunkett</td>
<td>Covers exciting trends in apparel, clothing and textile supply chains, manufacturing, design, fashions, shoes, accessories, retailing, trade, distribution, technologies and smart fabrics. Includes market analysis as well as highly respected analysis of trends, globalisation, technologies and finances.</td>
<td>May 2022 330pp</td>
<td>9781628316261</td>
<td>£415.00 / €475.00</td>
</tr>
<tr>
<td><strong>PLUNKETT’S MANUFACTURING, AUTOMATION &amp; ROBOTICS INDUSTRY ALMANAC 2023</strong></td>
<td>Jack W. Plunkett</td>
<td>A complete market research guide to the Manufacturing industry, including robotics and factory automation—for strategic planning, competitive intelligence, employment searches or financial research.</td>
<td>Sep 2022 688pp</td>
<td>9781628316605</td>
<td>£435.00 / €495.00</td>
</tr>
</tbody>
</table>
STRUCTURAL HEALTH MONITORING IN SENSOR-INTEGRATED SMART COMPOSITES
From Characterization to Application
Hossein Montazerian, Mina Hoofar & Abbas S. Milani
Investigates external and self-sensing sensors for the health monitoring of composite materials and technically evaluates sensor advantages and disadvantages in terms of robustness and signaling, as well as their suitability for structural health monitoring (SHM) in different types of composites. The authors explain how piezoelectric, piezo-resistive, and optical fiber sensors are fabricated, embedded, and tested under different loading conditions, with special attention to the design and signaling of piezo-resistive devices. Data and modeling are provided from tests of a piezo-resistive polymeric composite sensor made with chopped carbon fibers and embedded in woven composites.

Sep 2022 150pp
9781605955971 Paperback £170.00 / €193.00

MECHANICAL ENGINEERING AND MECHATRONICS HANDBOOK
D. Kumar
MLI Handbook Series
Covers basic concepts in mechanical engineering and mechatronics, including stress and strain, mechanics of solids, internal combustion engines, refrigeration, fluid mechanics, control systems, actuation, robotics, electro-mechanical systems, hydraulics, and more. Using step by step examples and numerous illustrations, the book is designed with a “self-teaching” methodology, including a variety of exercises with corresponding answers to enhance mastery of the content. Mechanical engineering and mechatronics concepts provide the skill sets in cross-disciplinary subjects which are needed in modern manufacturing industries.
Aug 2022 450pp
9781683928560 Hardback £94.00 / €108.00
**American Society of Mechanical Engineers**

**CHRONICLES OF MECHANICAL ENGINEERING**
*Thomas Fehring*
Collects, in a single place, many of the historical contributions published over the past fifty years in ASME’s flagship magazine, Mechanical Engineering. The engineering innovations described by these articles have been enormously important to the development of modern technological society.

Jul 2022 422pp
9780791884843 Hardback £85.00 / €97.00

**ASM International**

**ASM HANDBOOK, VOLUME 11A**
*Analysis and Prevention of Component and Equipment Failures*
Edited by B.A. Miller et al
A resource for failure analysts, engineers, and technical personnel who are looking to identify the root cause(s) of failures and to prevent future failures. Coverage includes engineering aspects of failure and prevention, structural life assessment methods, metal manufacturing aspects of failure, and failure analysis of metallic components.

Apr 2022 700pp
9781627083270 Hardback £356.00 / €409.00

**IRON & STEEL CASTINGS ENGINEERING GUIDE**
*Jagan Nath*
An accompanying guide to Aluminum Castings Engineering Guide, this guide explains the interactions of product design (function and manufacturability), materials engineering (the best choice of alloy and microstructure), and process engineering practices (to achieve the properties and integrity of a component at the most comprehensive cost).

May 2022 1,000pp
9781627083300 Hardback £206.00 / €237.00

**ISTFA 2021**
*Conference Proceedings from the 47th International Symposium for Testing and Failure Analysis*
The theme for the 2021 conference was System-in-Package (SiP) technology. Papers include discussions on board and system level failure analysis; detecting counterfeit microelectronics; emerging failure analysis techniques and concepts; future challenges of failure analysis; and scanning probe analysis.

Jul 2022 461pp
9781627084192 Paperback £173.00 / €199.00

**Begell House, Inc.**

**ADVANCES IN MULTIPHASE FLOWS**
Edited by Ashoke De et al
Provides state-of-the-art information on fuel jet breakup, fuel atomisation, biofuel combustion, gas turbine combustion with a wide range of fossil and biofuels, fuels with different aromatic components, evaporation of droplets on a solid surface, and spray modelling.

Jul 2022 300pp
9781567005042 Hardback £260.00 / €298.00

For further information, visit [EUROSPAN BOOKSTORE](#)
ADVANCEMENTS IN THE PROCESSING, CHARACTERIZATION, AND APPLICATION OF LIGHTWEIGHT MATERIALS
Edited by Kaushik Kumar, B. Sridhar Babu & J. Paulo Davim
Presents recent advances in the lightweight materials processing, manufacturing, and characterization. This book identifies the need for modern tools and techniques for designing lightweight materials and addresses multidisciplinary approaches for applying their use.

Jul 2022 325pp
9781799878650 Paperback £196.00 / €224.00

POLYMER-INORGANIC NANOSTRUCTURED COMPOSITES BASED ON AMORPHOUS SILICA, LAYERED SILICATES, AND POLYIONENES
Kostyantyn M. Sukhyy & Elena A. Belyanovskaya
Focuses on the development of physico-chemical principles of highly efficient and competitive technologies for polymer-inorganic nanostructured composites based on amorphous silicas, layered silicates and polyionenes, properties of obtained materials, and research techniques to determine their properties.

Jul 2022 300pp
9781799878650 Paperback £196.00 / €224.00

TRIBOLOGY IN COATINGS AND SURFACE TREATMENT
Technology, Properties, and Applications
Edited by Amirhossein Pakseresht & Omid Sharifahmadian
Evaluates the latest advances in the fabrication of wear-resistant and lubricant coatings by different techniques, and investigates wear-resistant coatings and surface treatments in various applications such as the automobile industry. This book covers a wide range of topics, including lubricant coatings and wearable electronic devices.

Jul 2022 325pp
9781799896845 Paperback £202.00 / €230.00
9781799896838 Hardback £267.00 / €304.00

MECHANICS OF SOLIDS
Pabitra Ranjan Maiti, Amitava Bhattacharyya & Vikash Khatri
Presents the aspects of mechanics of materials in a unified and integrated manner. All the chapters are equipped with basic background of the problems and solved examples. Complex problems are illustrated. A number of multiple-choice questions are included.

Jul 2022 552pp
9789390620692 Paperback £55.00 / €62.00

ENGINEERING THERMODYNAMICS
An Introduction
M. Kassim
Designed to cover the fundamental concepts of thermodynamics used in engineering, the book introduces topics such as the laws of thermodynamics, exergy analysis, thermodynamic cycles, measurement theory, and applications. Using step by step examples and numerous illustrations, the book is designed with a 'self-teaching' methodology.

Jul 2022 300pp
9781683928591 Hardback £85.00 / €97.00

PRACTICAL HEAT TRANSFER
Using MATLAB® and COMSOL®
Layla S. Mayboudi
Guides the reader through the subject of heat transfer, covering the analytical, coding, finite element, and hybrid methods of thermal modelling. The book leads the reader through the processes of model creation for heat transfer analysis and validating them using analytical techniques and partial differential equations.

Jun 2022 400pp
9781683926337 Hardback £75.00 / €86.00
PHI Learning

**FLUID MECHANICS**
An Introduction, Fourth Edition
Ethirajan Rathakrishnan
The fourth edition of this easy-to-understand text provides students with a sound understanding of the fundamental concepts of various physical phenomena of science of fluid mechanics.

Jun 2022 592pp
9789389347913 Paperback £39.95 / €46.00

Rutgers University Press

**MECHANICAL VIBRATION**
Theory and Application, Fifth Edition
Haym Benaroya, Mark L. Nagurka & Seon Mi Han
Presents comprehensive coverage of the fundamental principles of mechanical vibration, including the theory of vibration, as well as discussions and examples of the applications of these principles to practical engineering problems.

Jul 2022 612pp, 552 b&w and 60 colour illustrations
9781978335018 Hardback £113.00 / €129.00

Society for Mining, Metallurgy & Exploration

**DEVELOPMENTS IN GROUND CONTROL IN MINING: 1981-2020**
Edited by Syd S. Peng
Summarises the objectives, methodology used, and major conclusions reached from papers presented and published in the International Conference on Ground Control in Mining (ICGCM) proceedings from 1981 to 2020.

Jul 2022 432pp
9780873354998 Hardback £270.00 / €309.00

**NORTH AMERICAN TUNNELING 2022 Proceedings**
Edited by Paul Madsen et al
Crafted from a collection of 92 papers presented at the conference, this book takes you deep inside the projects.

Jul 2022 944pp
9780873355018 Hardback £217.00 / €247.00

**PROJECT MANAGEMENT FOR MINING**
Handbook for Delivering Project Success, Second Edition
Robin J. Hickson & Terry L. Owen
Written by two hands-on, in-the-trenches mining project managers with decades of experience bringing some of the world’s most successful, profitable mines into operation on time, within budget, and ethically, Project Management for Mining gives you step-by-step instructions in every process you are likely to encounter.

Jul 2022 784pp
9780873355018 Hardback £304.00 / €346.00

**TAILINGS MANAGEMENT HANDBOOK**
A Life Cycle Approach
Edited by Kimberly Finke Morrison
Designed to support safe, responsible management of tailings across the global mining industry, providing guidance on good governance and engineering practices to support continual improvement in tailings storage facility management and help foster and strengthen the safety culture of mining companies.

Apr 2022 1024pp
9780873354905 Hardback £326.00 / €370.00

For further information, visit [EUROSPAN BOOKSTORE](#)
2021 marked the 50th anniversary of x-ray computed tomography (CT). Over the years, CT has experienced tremendous technological development, driven mainly by clinical needs but also by technology advancements in other fields. Six years after the third edition of *Computed Tomography*, this fourth edition captures the most recent advances in technology and clinical applications. New to this edition are descriptions of artificial intelligence, machine learning, and deep learning, and their application to image reconstruction, protocol optimization, and workflow. A new chapter covers the principles and advances in dual-energy and spectral CT. A new detector technology, the photon-counting detector, is described in detail, and its impact on CT system and clinical applications is analyzed. Many exciting developments in clinical applications, such as cardiac functional imaging and stroke management, are also covered in detail.

**Table of Contents:**

- Preface
- Nomenclature and Abbreviations
- 1. Introduction
- 2. Preliminaries
- 3. Image Reconstruction
- 4. Image Presentation
- 5. Key Performance Parameters of the CT Scanner
- 6. Major Components of the CT Scanner
- 7. Image Artifacts: Appearances, Causes, and Corrections
- 8. Computer Simulation and Analysis
- 9. Helical or Spiral CT
- 10. Multislice CT
- 11. X-ray Radiation and Dose-Reduction Techniques
- 12. Dual-Energy and Spectral CT
- 13. Advanced CT Applications
- Glossary
- Index

Sep 2022 786pp 978-1-5106-4687-2 Hardback £127.00 / €144.00
Good illumination design uses patterns from both non-imaging optics and imaging optics, often in combination, to produce optimal solutions. This volume provides readers with a toolbox consisting of a coherent theoretical background, a description of important optical elements and their function, and several design methods.

May 2022 150pp
9781510649354 Paperback £66.00 / €75.00

Provides mathematical analyses of scanning devices in optical and laser systems to yield results with higher accuracy than those obtained by geometrical imaging an object with a movable mirror or prism.

May 2022 416pp
9781510643680 Paperback £126.00 / €143.00

Covers the fundamentals of remote sensing imaging for image understanding; image processing for correction and quality improvement; and image analysis for information extraction at subpixel, pixel, superpixel, and image levels, including feature mining and reduction.

Jul 2022 118pp
9781510652149 Spiral bound £46.50 / €53.00

The primary objective of this Field Guide is to provide the principles of light matter interaction using classical, semiclassical, and quantum theories. To this end, the guide provides the formulae for, and descriptions of, phenomena that are fundamental to our current state of knowledge of light matter interaction.

Jul 2022 170pp
9781510646995 Spiral bound £46.50 / €53.00

Introduces speckle techniques to nonspecialists to help them understand the basic principles of speckle interferometry. The book mainly focuses on the use of speckle patterns with direct phase-measuring methods that produce an instantaneous phase.

May 2022 118pp
9781510645387 Paperback £60.00 / €69.00
MICROSCOPE DESIGN
Volume 1: Principles
Dimitry N. Frolov
Press Monographs, Vol. 328
Traces the historical development of microscopy instruments from their invention to the current state of the art. New concepts and engineering solutions are presented for modern light microscopes, with a focus on the practical construction of optical systems. Real design parameters of dioptric objectives and other systems are provided.
Apr 2022 600pp
9781510639935 Paperback £87.00 / €100.00

MODERN OPTICS DRAWINGS
The ISO 10110 Companion
Eric Herman, David Aikens & Richard N. Youngworth
Press Monographs, Vol. 346
The international standard for optics drawing notations, ISO 10110, uses a set of coded notations to indicate optical tolerances and requirements to mitigate any ambiguity in an optics drawing. This book provides a foundation for understanding the fundamentals of ISO 10110.
Apr 2022 230pp
9781510647305 Paperback £69.00 / €79.00

SEEING THE LIGHT
Optics Without Equations
William L. Wolfe
Press Monographs, Vol. 349
Explains the concepts of light, waves, photons, refraction, reflection, and diffraction for non-scientists without using equations. This book will be useful as background information for any course in optics, for those who need a basic understanding of optics for their research or other activities, and for the curious.
Aug 2022 490pp
9781510652125 Paperback £87.00 / €100.00

VISUAL OPTICS
Lectures in Optics, Volume 4
George Asimellis
Provides comprehensive coverage of Visual Optics - the field of optics as applied to the function of the eye. The book presents the necessary concepts and definitions that explain retinal image properties, including aspects such as visual acuity and colour perception.
Apr 2022 720pp
9781510622616 Paperback £116.00 / €132.00

SHORT-WAVELENGTH INFRARED WINDOWS FOR BIOMEDICAL APPLICATIONS
Edited by Laura A. Sordillo & Peter P. Sordillo
Press Monographs, Vol. 336
The use of new optical windows where short-wavelength infrared light can be transmitted between areas of intense water absorption is a major development in photonics. This book covers biomedical uses of light at the conventionally used first and second optical windows, and emerging applications of SWIR light at a third and a fourth optical window.
Apr 2022 610pp
9781510646230 Hardback £126.00 / €143.00
For more than a century, electric cars have been a futuristic fantasy, just like flying cars. More recently perceived as glorified golf carts, electric vehicles are now becoming an everyday reality. As EVs become more popular, all sorts of stories pop up about the problems they are said to cause and not the solutions they provide. Or about their environmental impact. Or that they can never really catch on outside of urban settings.

This book sets the record straight on what electric vehicles offer the world. Questions addressed include the environment, the economy, health, as well as the sheer pleasure of using electric vehicles. In the face of the world’s most daunting challenges, electric vehicles, from cars, trucks, buses, trains to off-road vehicles, represent a major contribution to meeting those challenges.

Sep 2022 240pp
9781771863056 Paperback £27.95 / €30.00

Provides an inside look at the birth of the lithium-ion battery, from its origins in academic labs to its transition to its new role as the future of automotive power. The book chronicles the piece-by-piece development of the battery, from its early years to its emergence in Japan where it served in camcorders, laptops, and cell phones. The book is the first to provide a glimpse inside the Japanese corporate culture that turned the lithium-ion chemistry into a commercial product. It shows the intense race between two companies, Asahi Chemical and Sony Corporation, to develop a suitable anode. It also explains, for the first time, why one Japanese manufacturer had to build its first preproduction cells in a converted truck garage in Boston, Massachusetts.

Sep 2022 328pp
9781612497624 Hardback £26.50 / €30.00
METAL ADDITIVE MANUFACTURING FOR PROPULSION APPLICATIONS
Edited by Paul R. Gradl et al
Progress in Astronautics and Aeronautics
Provides an overview of the practical concept-to-utilization lifecycle in additive manufacturing (AM) for propulsion applications. This text is intended to help AM adopters to be intentional as they apply these technologies, and to understand the basis for the lifecycle of AM components.
Aug 2022 500pp
9781624106262 Paperback £117.00 / €135.00

MISSILE DESIGN GUIDE
Eugene L. Fleeman
AIAA Education Series
Presents a comprehensive compilation of the missile design process pulling from the author’s 50+ years of experience in the design and development of missile systems. The handbook consists of full colour figures with self-standing graphs, tables, charts, and diagrams. It is aimed toward the needs of missile engineers, system engineers, system analysts, program managers, aerospace engineering students, and professors.
Aug 2022 468pp
9781624106267 Paperback £108.00 / €124.00

PLANETARY EXPLORATION WITH INGENUITY AND DRAGONFLY
Rotary-Wing Flight on Mars and Titan
Ralph D. Lorenz
Library of Flight
Lays out ‘space people’ what they need to know about rotocraft, and to ‘helicopter people’ what they need to know about delivering vehicles through space and operating them on other planets.
Jul 2022 277pp
9781624106361 Paperback £37.95 / €43.00

THE RAH-66 COMANCHE HELICOPTER
Technical Accomplishment, Program Frustration
Arthur W. Linden
Tells a story of great accomplishment and much frustration. It is the story of a program that enjoyed strong support at the most senior levels of the Army and DoD - until it didn’t.
This is the Comanche history, as told by some of the key members of the Comanche development team.
Jul 2022 277pp
9781624106248 Paperback £33.95 / €39.00

VELOCIPEDOMANIA
A Cultural History of the Velocipede in France
Corry Cropper & Seth Whidden
The immediate forerunner of the bicycle, the velocipede reflected changing cultural attitudes and challenged gender norms. Velocipedomania is the first in-depth study of the velocipede fad and the popular culture it inspired, and explores how the device was hailed as a symbol of France’s cutting-edge technological advancements.
Nov 2022 266pp
9781684484331 Paperback £27.95 / €33.00
9781684484348 Hardback £66.00 / €76.00

Bucknell University Press
ASPECTS AND APPLICATIONS OF INCOMPRESSIBLE AND COMPRESSIBLE AERODYNAMICS
Edited by Sathish Kumar Kumar & Naren Shankar Radhakrishnan
Discusses all aspects of aerodynamics from application to theory. This book further presents the equations and mathematical models used to describe and characterise flow fields as well as their thermodynamic aspects and applications. Topics covered include airplane configurations, hypersonic vehicles, and the parametric effect of roughness.
Jul 2022 335pp
9781668442319 Paperback £218.00 / €248.00
9781668442302 Hardback £267.00 / €304.00

IMPLICATIONS OF DIGITAL SYSTEMS ON MOBILITY AS A SERVICE
Edited by John M. Easton
Explores the role of data in the future of multimodal transport, showcases the work of leading organisations in the transportation research community, and highlights the roles that promising new technologies will play in readying transport networks for the 21st century.
Jul 2022 335pp
9781668442393 Paperback £185.00 / €210.00
9781668442386 Hardback £245.00 / €279.00

MODELLING AND SIMULATION OF FAST MOVING AD-HOC NETWORKS (FANETs AND VANETs)
Edited by T.S. Pradeep Kumar & M. Alamelu
Fast moving ad-hoc networks are the future technology that can solve many issues the world is needing now like E Commerce delivery through drones, agriculture, vaccine delivery, human rescue system, and more. Flying ad-hoc networks (FANETs), vehicular ad-hoc networks (VANETs), and the internet of vehicles (ioV) will achieve these applications.
Jul 2022 300pp
9781668436110 Paperback £180.00 / €205.00
9781668436103 Hardback £234.00 / €267.00

SECURITY CHALLENGES IN VEHICULAR AD-HOC NETWORKS
Edited by N. Sasikaladevi
Covers the domain of Vehicular Ad-Hoc Network (VANET) and the various components of VANET along with security and authentication protocols, models, and systems being developed to secure the communications.
Oct 2022 300pp
9781799887508 Hardback £245.00 / €279.00

UNMANNED AERIAL VEHICLES AND MULTIDISCIPLINARY APPLICATIONS USING AI TECHNIQUES
Edited by Bella Mary I. Thusnavis, K. Martin Sagayam & Ahmed A Elgar
Explores artificial techniques, pattern recognition, machine and deep learning-based methods and techniques applied to different real time applications of Unmanned Aerial Vehicles (UAV). The aim is to synthesize the scope of machine learning and deep learning models in enhancing UAV capabilities, solutions to problems and application areas.
Jul 2022 300pp
9781799887645 Paperback £202.00 / €230.00
9781799887638 Hardback £267.00 / €304.00

For further information, visit EUROSPAN BOOKSTORE
McFarland

CUSTOM BUILT BY MCFARLAN
A History of the Carriage and Automobile Manufacturer, 1856–1928
Richard A. Stanley
For nearly 20 years in the early twentieth century, McFarlan automobiles were recognised for their quality, custom features, powerful engines, and enormous size. This full history covers the company from start to finish, with emphasis on its prestigious cars.
Jul 2022 277pp, 225 photos
9781476689654 Paperback £43.95 / €50.00

Naval Institute Press

AT THE DAWN OF AIRPOWER
The U.S. Army Navy and Marine Corps’ Approach to the Airplane 1907–1917
Laurence M. Burke II
History of Military Aviation
Examines the development of aviation in the US Army, Navy, and Marine Corps from their first official steps into aviation up to the United States’ declaration of war against Germany in April 1917. Burke explains why each of the services wanted airplanes and show how they developed their respective air arms and the doctrine that guided them.
Jul 2022 384pp
9781682477298 Hardback £55.00 / €62.00

University of Oklahoma Press

HARNESSING THE AIRPLANE
American and British Cavalry Responses to a New Technology, 1903–1939
Lori A. Henning
At its dawn in the early twentieth century, the new technology of aviation posed a crucial question to American and British cavalry: what do we do with the airplane?
Harnessing the Airplane compares how the American and British armies dealt with this unique challenge.
Mar 2022 240pp
9780806180779 Paperback £21.50 / €24.00

Pentagon Press LLP

CHARGING INDIA
Developing E-Mobility Ecosystem
Parag Diwan
Explores the intricacies of the landscape of electric vehicles and electric vehicle charging infrastructure in India. Topics include low carbon footprint mobility, emerging EV battery technologies, operating principles of electric motors, the changes in electric drive train systems, and the establishment of an appropriate charging infrastructure.
May 2022 208pp
9788194465966 Hardback £31.95 / €37.00

Plunkett Research, Ltd.

PLUNKETT’S AEROSPACE, AIRCRAFT, SATELLITES & DRONES INDUSTRY ALMANAC 2023
Jack W. Plunkett
A complete market research guide to the aerospace, aircraft, satellites and drones industry—for strategic planning, competitive intelligence, employment searches or financial research. Features trends analysis, statistical tables and glossary.
Oct 2022 495pp
9781628316339 Paperback £435.00 / €495.00
Focuses on how automated driving systems (ADS) can be developed from concept to a product on the market for widescale public use. It covers practically viable approaches, methods, and techniques with examples from multiple production programs across different organizations.

Jun 2022 279pp
9781468604122 Paperback £94.00 / €107.00

R. Kyle Schmidt has over 25 years’ experience across three countries and has held a variety of engineering roles relating to the development of new landing gears and the sustainment of existing landing gears in service.

Aircraft Tires
Key Principles for Landing Gear Design
R. Kyle Schmidt
Features tire construction and terminology, mechanics of pneumatic tires, tire performance and modeling as well reviewing undesirable tire behaviour.
May 2022 134pp
9781468604634 Paperback £89.00 / €100.00

Aircraft Wheels, Brakes, and Brake Controls
Key Principles for Landing Gear Design
R. Kyle Schmidt
Features an overview of brakes, aircraft deceleration, brake sizing, brake design, braking accessories, wheels, brake control as well as brake issues and concerns.
May 2022 136pp
9781468604696 Paperback £89.00 / €100.00

Airfield Compatibility
Key Principles for Landing Gear Design
R. Kyle Schmidt
One of three quick reference guides focusing on one key element of aircraft design and landing gear design. This volume centres on how to ensure that the aircraft is compatible with the ground surfaces that it will encounter in use.
May 2022 192pp
9781468604665 Paperback £89.00 / €100.00
What are Connected and Automated Vehicles (CAVs)? What are the underlying technologies that need to mature and converge for them to be widely deployed? This book answers these questions, educating the reader with the information required to make informed predictions of how and when CAVs will impact their lives.

Jul 2022 272pp
9780768099812 Paperback £84.95 / €97.00

Generalized Vehicle Dynamics
Daniel Williams

An industry professional with more 30 years of experience in chassis control systems from concept to launch, Daniel Williams brings this experience and his unique approach to readers of Generalized Vehicle Dynamics.

Apr 2022 370pp
9781468601404 Paperback £118.00 / €133.00

In this second edition, Michael McCarthy extends his thorough treatment of the parts that hold the boat together, offering fascinating descriptions of a range of techniques that span from sewn-plank boats of the ancient world and Micronesia to Viking ships, Mediterranean caravels, nineteenth-century ocean clippers, and even steamships.

Jan 2023 336pp
9781648431043 Hardback £82.00 / €93.00
RECOMMENDATIONS ON THE TRANSPORT OF DANGEROUS GOODS
Model Regulations - Volumes I & II, 22nd Revised Edition
United Nations Economic Commission for Europe

These Recommendations have been developed by the United Nations Economic and Social Council’s Committee of Experts on the Transport of Dangerous Goods in the light of technical progress, the advent of new substances and materials, the exigencies of modern transport systems and, above all, the requirement to ensure the safety of people, property and the environment. They are addressed to governments and international organizations concerned with the regulation of the transport of dangerous goods. They do not apply to the bulk transport of dangerous goods in sea-going or inland navigation bulk carriers or tank-vessels, which is subject to special international or national regulations.

2021 890pp
9789211391886 English Edition
9789211392012 Spanish Edition
9789211392029 Russian Edition
Paperback £218.00 / €248.00
International Atomic Energy Agency

ADVISORY MATERIAL FOR THE IAEA REGULATIONS FOR THE SAFE TRANSPORT OF RADIOACTIVE MATERIAL (2018 EDITION)

IAEA Safety Standards Series, No. SSG-26 (Rev. 1)

Provides recommendations and guidance on achieving and demonstrating compliance with the IAEA Regulations for the Safe Transport of Radioactive Material (2018 Edition), which establishes the requirements to be applied to the national and international transport of radioactive material.

Jul 2022 495pp, 16 illustrations
9789201190215 Paperback £61.50 / €72.00

Also available:

REGULATIONS FOR THE SAFE TRANSPORT OF RADIOACTIVE MATERIAL (2018 EDITION)

IAEA Safety Standards Series, No. SSR-6 (Rev.1)
2018 165pp
9789201079176 Paperback £41.50 / €49.00

SCHEDULES OF PROVISIONS OF THE IAEA REGULATIONS FOR THE SAFE TRANSPORT OF RADIOACTIVE MATERIAL (2018 EDITION)

IAEA Safety Standards Series, No. SSG-33 (Rev. 1)
Mar 2022 299pp
9789201218216 Paperback £54.00 / €64.00

PHI Learning

TRANSPORTATION PLANNING
Pradip Kumar Sarkar, Vinay Maitri & G.J. Joshi

Now in its third edition, this volume deals with the basic principles and fundamentals of transportation planning. It also keeps abreast of the current techniques, practices and policies used in transportation planning.

May 2022 576pp
9788195161188 Paperback £43.95 / €50.00

Rutgers University Press

PORT NEWARK AND THE ORIGINS OF CONTAINER SHIPPING
Angus Kress Gillespie

A fascinating study that traces the birth of containerization to Port Newark, New Jersey, in 1956 when trucker Malcom McLean thought of a brilliant new way to transport cargo. It tells the story of how Port Newark grew rapidly as McLean’s idea was backed by both New York banks and the US military.

Sep 2022 274pp, 20 b&w, 19 colour images
9781978818712 Hardback £27.95 / €33.00
ATP Handbook 2021
The Agreement on the
International Carriage of
Perishable Foodstuffs and on
the Special Equipment to Be
Used for Such Carriage (ATP)
as Amended on 6 July 2022
United Nations Economic Commission for Europe

Presents the ATP Agreement itself and its Annexes with comments added where appropriate for clarification or additional explanation of the text. Comments contained in the ATP Handbook are not legally binding for Contracting Parties of the ATP.

Jul 2022 128pp
9789211208337 Paperback £55.00 / €62.00

Practical Guide for the Development of Agreements or Other Arrangements for Transboundary Water Cooperation
United Nations Economic Commission for Europe

Provides support to country representatives and other relevant stakeholders for the design and drafting of transboundary water cooperation agreements and other arrangements, including guidance on content and drafting options.

May 2022 136pp
9789211172713 Paperback £38.95 / €44.00

Review of Developments in Transport in Asia and the Pacific 2021
Towards Sustainable, Inclusive and Resilient Urban Passenger Transport in Asian Cities
United Nations Economic and Social Commission for Asia and the Pacific

Focuses on greening urban passenger transport systems in Asia and the Pacific region. The publication reviews existing state of public transport systems and assesses the environmental sustainability and inclusiveness of passenger transport.

Jul 2022 128pp
9789211208337 Paperback £55.00 / €62.00

Review of Maritime Transport 2021
Division on Technology and Logistics, United Nations Conference on Trade and Development

Provides an in-depth analysis and update on developments in seaborne trade, the maritime industry and markets, key performance indicators, and the legal and regulatory environment. The 2021 issue includes a new chapter on maritime trade facilitation issues.

Mar 2022 174pp
9789211130263 Paperback £104.00 / €118.00

Sustainable Transport, Sustainable Development
Interagency Report: Second Global Sustainable Transport Conference
United Nations Department for Economic and Social Affairs

An interagency report on sustainable transport was prepared as a background document for the second Global Sustainable Transport Conference, held in October 2021 in Beijing.

May 2022 116pp
9789212591919 Paperback £32.95 / €38.00

World Forum for Harmonization of Vehicle Regulations
How it Works – How to Join it, Revised Fourth Edition
United Nations Economic Commission for Europe

This revised fourth edition of this publication, the so-called Blue Book, continues providing precise and updated information on the World Forum for Harmonization of Vehicle Regulations (WP.29) serviced by the UNECE Sustainable Transport Division.

Jun 2022 137pp
9789211172867 Paperback £43.95 / €50.00

For further information, visit EUROSPAN Bookstore
<table>
<thead>
<tr>
<th>Publisher</th>
<th>Title</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Psychological Association</td>
<td><strong>THE PSYCHOLOGY OF TECHNOLOGY</strong>&lt;br&gt;Social Science Research in the Age of Big Data&lt;br&gt;Edited by Sandra Matz</td>
<td>Brings together research from different subdisciplines across psychology to address the ways in which technology and Big Data are changing how psychological research is conducted. The book also examines how technology allows us to better understand human psychology.</td>
<td>Jul 2022 451pp&lt;br&gt;9781433836268 Paperback £94.00 / €107.00</td>
</tr>
<tr>
<td>Cognella Academic Publishing</td>
<td><strong>PRODUCT DESIGN AND DEVELOPMENT HANDBOOK</strong>&lt;br&gt;An Innovative, Entrepreneurial, and Structured Approach for Engineering Capstone and Industry Projects&lt;br&gt;Steven W. Trimble &amp; Abdelrahman N. Shuaib</td>
<td>Enables engineering students and practicing engineers to conduct successful product design and development projects. The text uses the Phased Product Development process, which features two key elements: mini milestones that keep project design and development teams on schedule and budget and the use of phase exit checklists.</td>
<td>Apr 2022 452pp&lt;br&gt;9781793557995 Paperback £108.00 / €123.00</td>
</tr>
<tr>
<td>HSRC Press</td>
<td><strong>HARAMBEE</strong>&lt;br&gt;The Spirit of Innovation in Africa&lt;br&gt;Mike Bruton</td>
<td>How many inventions come from Africa? How many African countries have produced their own cars? Is the nature of innovation in Africa different from what we find elsewhere? Mike Bruton addresses these and related questions as he discusses more than 800 inventions by more than 600 innovators from 50 African countries.</td>
<td>Jul 2022 377pp&lt;br&gt;9781928246411 Paperback £46.50 / €53.00</td>
</tr>
<tr>
<td>IGI Global</td>
<td><strong>BUSINESS MODELS TO PROMOTE TECHNOLOGY, CULTURE, AND LEADERSHIP IN POST-COVID-19 ORGANIZATIONS</strong>&lt;br&gt;Joseph Robert Heinzman et al</td>
<td>Explores how virtual technology has evolved to create remote office and remote teaming in health, education, engineering, and other business solutions. The chapters explore culture in business and how individuals may interface, communicate, and collaborate in past, current, and future business models.</td>
<td>Jul 2022 300pp&lt;br&gt;9781668443583 Hardback £245.00 / €279.00</td>
</tr>
</tbody>
</table>
Technology and sustainability are linked by the choices we make. Every day, those choices determine the trajectory of our society toward whatever future lies ahead. *The End of Technology* explores the nature of technology, the ethical choices we make about technology, and how values are embedded in system design.

Mar 2022 192pp
9781792492563 Paperback £71.00 / €81.00

A first-hand account of the development of the Apollo 11 mission that offers a behind-the-scenes look at the 1969 moon landing mission from an engineer’s perspective. The technical problems and solutions of designing a capsule to carry three astronauts safely to the moon and back are covered in detail from the author’s point of view.

Dec 2022 277pp, 65 photos
9781476687193 Paperback £43.95 / €50.00

The most comprehensive book you will find on *AutoCAD 2023 – 2D Drafting*. Covering all of the 2D concepts, it uses both metric and imperial units to illustrate the myriad drawing and editing tools for this popular application.

Oct 2022 740pp
9781683928478 Paperback £67.95 / €79.00

Provides new and seasoned users with step-by-step procedures on creating and modifying 3D models, working with cameras and lights, assigning materials to objects, rendering, and printing. Unlike many AutoCAD competitors, this volume uses both metric and imperial units to illustrate the myriad tools for this popular application.

Oct 2022 358pp
9781683928508 Paperback £60.00 / €70.00

Great powers are investing in 4IR technologies and pursuing competitive national strategies with the goal of technological dominance, thus maintaining a favourable balance of power at the regional and global levels - as this book demonstrates.

May 2022 188pp
9789390095193 Hardback £24.95 / €30.00

For further information, visit [EUROSPAN BOOKSTORE](http://www.eurospanbookstore.com)
<table>
<thead>
<tr>
<th>PHI Learning</th>
<th>Plunkett Research, Ltd.</th>
<th>Woodhead Publishing India</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BIOLOGY FOR ENGINEERS</strong></td>
<td><strong>PLUNKETT’S ENGINEERING &amp; RESEARCH INDUSTRY ALMANAC 2022</strong></td>
<td><strong>ETHICS AND HUMAN VALUES IN ENGINEERING PRACTICES</strong></td>
</tr>
<tr>
<td>Tanushree Chakraborty &amp; Nasim Akhtar</td>
<td>Engineering &amp; Research Industry Market Research, Statistics, Trends and Leading Companies</td>
<td>Subrata Das</td>
</tr>
<tr>
<td>Designed as a text based on the mandatory course introduced by AICTE for all branches of BTech, this book deals with the fundamental concepts of biology and their applications in engineering and technology.</td>
<td>Jack W. Plunkett</td>
<td>Woodhead Publishing India in Textiles</td>
</tr>
<tr>
<td>May 2022 436pp</td>
<td>A complete guide to trends and leading companies in the Engineering and Research business fields. Covers design, patents, development and technologies. Includes market analysis, R&amp;D data and several statistical tables, along with globalization, offshoring and collaboration.</td>
<td>The objective of this book is to introduce readers to the ethical concepts in engineering, understanding of ethics and responsibility of engineers as professionals, ability to make ethical judgments and solve problems, attitude required and values shared by engineers to interface social, technological and natural environments.</td>
</tr>
<tr>
<td>9789391818142 Paperback £31.50 / €36.00</td>
<td>Jun 2022 672pp</td>
<td>Jul 2022 116pp</td>
</tr>
<tr>
<td><strong>ENGINEERING PHYSICS</strong></td>
<td></td>
<td>9788195404834 Hardback £103.00 / €119.00</td>
</tr>
<tr>
<td>Third Edition A. Marikani</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Now in its third edition, this book is designed as a textbook for first-year undergraduate engineering students. The book covers topics such as properties of matter, acoustics, ultrasonics, quantum physics, lasers, fibre optics, wave optics, crystal physics, and imperfection in solids.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mar 2022 300pp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9788194685180 Paperback £21.95 / €26.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CAREERS IN ENGINEERING</strong></td>
<td><strong>CAREERS IN ENGINEERING</strong></td>
<td></td>
</tr>
<tr>
<td>Salem Press</td>
<td>Salem Press</td>
<td></td>
</tr>
<tr>
<td>Broadly speaking, engineers design and build machines, structures, and systems. Its four main branches are chemical engineering, civil engineering, electrical engineering, and mechanical engineering.</td>
<td>Careers Series</td>
<td></td>
</tr>
<tr>
<td>Students with a career in engineering in mind have a lot to consider when choosing their career path.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aug 2022 350pp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9781637000939 Hardback £136.00 / €155.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SALES REPRESENTATION AND CONTACTS

EUROPE

**UK & REPUBLIC OF IRELAND**

**Territory Manager**
Phil Prestianni
Sales Manager
phil.prestianni@eurospan.co.uk
Tel: +44 (0)20 7240 0856
Mob: +44 (0)7775 507837

**North East England, Scotland, Ireland**
Jim Chalmers
quantumjim@btinternet.com
Mob: +44 (0)7775 519146

**North West, Midlands, South West England, Wales**
James Benson
james.benson@btinternet.com
Mob: +44 (0)7775 571106

**CONTINENTAL EUROPE**

**Territory Manager**
Phil Prestianni
Sales Manager
phil.prestianni@eurospan.co.uk
Tel: +44 (0)20 7240 0856
Mob: +44 (0)7775 507837

**Austria, Belgium, Germany, Luxembourg, Netherlands, Switzerland**

Phil Prestianni
Sales Manager
phil.prestianni@eurospan.co.uk
Tel: +44 (0)20 7240 0856
Mob: +44 (0)7775 507837

**Bosnia Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Georgia, Hungary, Latvia, Lithuania, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Ukraine**

Jacek Lewinson
jacek@jaceklewinson.com
Tel: +48 502603290

**Denmark, Finland, Iceland, Norway, Sweden**

David Towlle
david@dti.a.se

**France, Italy**

Phil Prestianni
Sales Manager
phil.prestianni@eurospan.co.uk
Tel: +44 (0)20 7240 0856
Mob: +44 (0)7775 507837

**Greece**

Charles Gibbes
charles.gibbes@eurospan.co.uk

**Portugal, Spain**

Charlotte Prout
cproux@iberianbookservices.com

**MIDDLE EAST & AFRICA**

**Territory Manager**
Marc Bedwell
Regional Manager, Middle East, Africa, Asia-Pacific & Latin America
marc.bedwell@eurospan.co.uk

**MIDDLE EAST & NORTH AFRICA**

Algeria, Bahrain, Egypt, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Palestine, Qatar, Saudi Arabia, Syria, Tunisia, Turkey, United Arab Emirates, Yemen

David Atiyah
info@ipr-pub.com

**SUB-SAHARAN AFRICA**

Benin, Burkina Faso, Cabo Verde, Cameroon, Chad, Côte d’Ivoire, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea Bissau, Liberia, Mali, Sao Tome and Principe, Senegal, Nigeria, Sierra Leone, Togo

Adrian Riddock
adrian.riddock@africonnection.co.uk


Guy Simpson
guy.simpson@africonnection.co.uk

**ASIA**

**Territory Manager**
Marc Bedwell
Regional Manager, Middle East, Africa, Asia-Pacific & Latin America
marc.bedwell@eurospan.co.uk

**CENTRAL ASIA**

Afghanistan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan

Marc Bedwell
Regional Manager, Middle East, Africa, Asia-Pacific & Latin America
marc.bedwell@eurospan.co.uk

**SOUTH ASIA**

Bangladesh, Bhutan, India, Maldives, Nepal, Sri Lanka

Vinod Vasisththa
viva@vivagroupindia.net
Tel: +91 (0) 11 4224 2200
Fax: +91 (0) 11 4224 2240

Pakistan

Muhammad Anwar Iqbal
anwer.bookbird@gmail.com
Tel (from outside Pakistan):
09 92 333 4004413
Tel (from within Pakistan):
0333 4004413

**SOUL ASIA**

Brunei, Malaysia, Singapore

Raymond Lim
raymondlim@pms.com.sg

Cambodia, Indonesia, Laos, Philippines, Thailand, Timor-Leste, Vietnam

Melvin Choo
enquiry@allcom.com.sg
Tel: +65 6261 6666
Fax: +65 6261 7875

**SOUTH EAST ASIA**

China, Hong Kong, Taiwan

Benjamin Pan
benjamin.pan@cpmarketing.com.cn
Tel: +86 (0) 21 5425 9557

Japan

Mark Gresham
sales@mhmlimited.co.jp
Tel: +81 (3) 3518 9181

South Korea

ChongHo Ra
impact-kr@naver.com
Tel: +82 (0) 2 2296 0140
Fax: +82 (0) 2 2296 0143

**LATIN AMERICA & THE CARIBBEAN**

**Territory Manager**
Marc Bedwell
Regional Manager, Middle East, Africa, Asia-Pacific & Latin America
marc.bedwell@eurospan.co.uk

**LATIN AMERICA**

 Territory Manager
Marc Bedwell
Regional Manager, Middle East, Africa, Asia-Pacific & Latin America
marc.bedwell@eurospan.co.uk

**ALL OTHER QUERIES**

Orders and Customer Services
Imogen Adams
Managing Director
imogen.adams@eurospan.co.uk
Tel: +44 (0)20 7240 0856

OCEANIA

**Orders and Customer Services**
XL Express (Logistics) Pty Ltd
orders.logistics@xlexpress.com.au
Tel: +61 (0) 888 4741
Fax: +61 (0) 888 4744

**All Other Queries**
Rorie Eunson
Sales Executive
rorie.eunson@eurospan.co.uk

**THE AMERICAS**

Orders and Customer Services
Independent Publishers Group
Phone: +1 800 888 4741
Email: orders@ipgbook.com
www.ipgbook.com

**LATIN AMERICA & THE CARIBBEAN**

**Territory Manager**
Marc Bedwell
Regional Manager, Middle East, Africa, Asia-Pacific & Latin America
marc.bedwell@eurospan.co.uk

**OTHER ENQUIRIES**

Tel: +44 (0)20 7240 0856
info@eurospan.co.uk

Due to currency fluctuations and publisher price changes, prices charged may vary from those listed. Prices do not include local taxes.

CUSTOMER SERVICES

**Trade/Account Customers:**
Tel: +44 (0)1235 465576
Email: trade.orders@marston.co.uk

Please contact the team above for details of price and delivery options.

**Individual Customers:**
Tel: +44 (0)1235 465577
Email: direct.orders@marston.co.uk

Individuals can also order from eurospanbookstore.com or from their local bookseller.