



EUROSPAN

COMPUTING & INFORMATION TECHNOLOGY

2024 CATALOGUE

PUBLISHER LISTING

ACM Books

Bocconi University Press
Not for sale in Italy

Broadview Press

Business Expert Press

Cognella Academic Publishing

IGI Global

IntechOpen

International Atomic Energy Agency

J. Ross Publishing

McFarland

Mercury Learning and Information

University of Michigan Press

Now Publishers

Paradigm Education Solutions

Plunkett Research, Ltd.

Rheinwerk Computing

*Not for sale in Germany, Austria, Switzerland
& Liechtenstein*

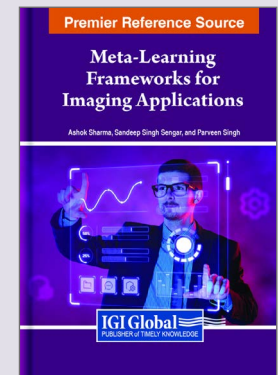
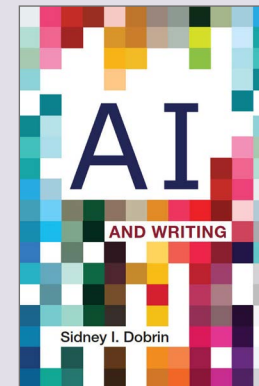
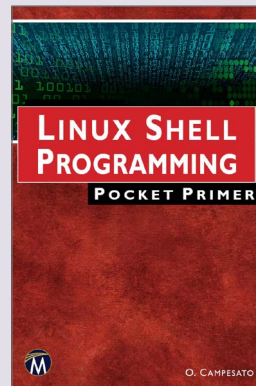
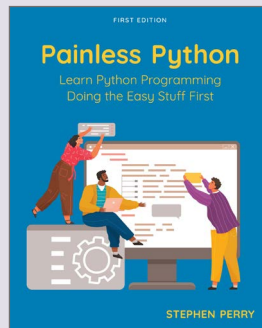
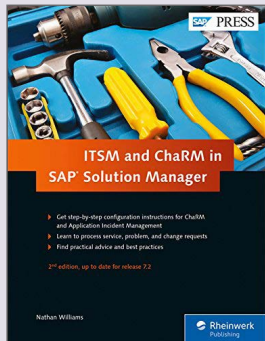
SAP Press (a division of Rheinwerk Publishing)
*Not for sale in Germany, Austria, Switzerland
& Liechtenstein*

SIAM - Society for Industrial and
Applied Mathematics

Society of Exploration Geophysicists (SEG)

United Nations Publications

West Academic



- 2 BUSINESS APPLICATIONS
- 11 COMPUTER NETWORKING & COMMUNICATIONS
- 14 COMPUTER PROGRAMMING & SOFTWARE ENGINEERING
- 19 COMPUTER SCIENCE
- 31 COMPUTER SECURITY
- 36 DATABASES
- 40 DIGITAL LIFESTYLE
- 43 GRAPHICAL & DIGITAL MEDIA APPLICATIONS
- 44 MATHS FOR COMPUTER SCIENTISTS
- 46 OPERATING SYSTEMS
- 46 GENERAL ISSUES AND IT & COMMUNICATIONS LAW



eBooks

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



Where you see this icon, click on it to see the title on our online bookstore.



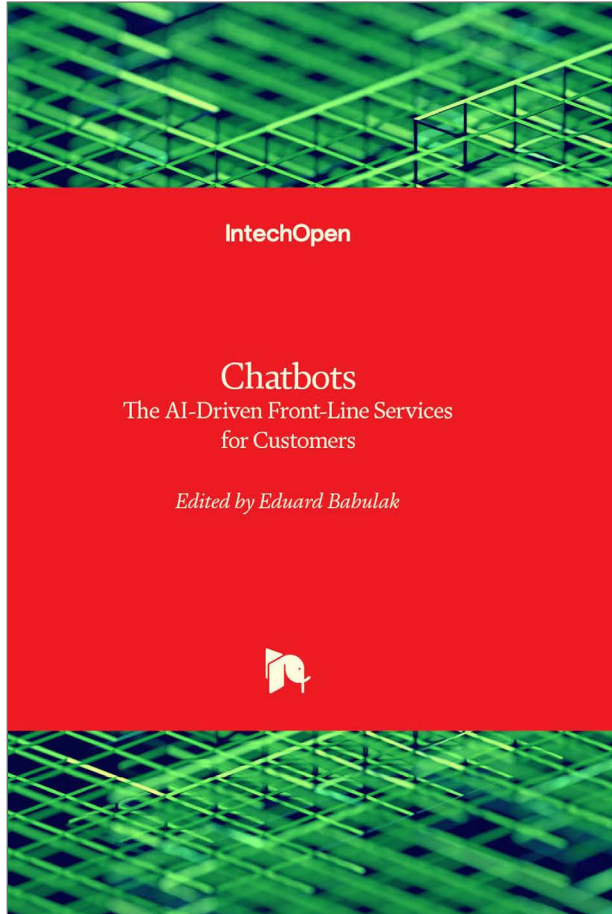
Receive regular up-to-date information about our new titles by registering for e-alerts at: eurospan.co.uk/maillinglist



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.

IntechOpen



CHATBOTS

The AI-Driven Front-Line Services for Customers

Edited by Eduard Babulak

The provision of high-quality and reliable customer service around the clock is essential to any business today regardless of size or location. The rapid technological advancements in the Internet, computing and artificial intelligence, and humanoid robotics have pushed the edge of research, innovation, and development of smart technologies such as chatbots.

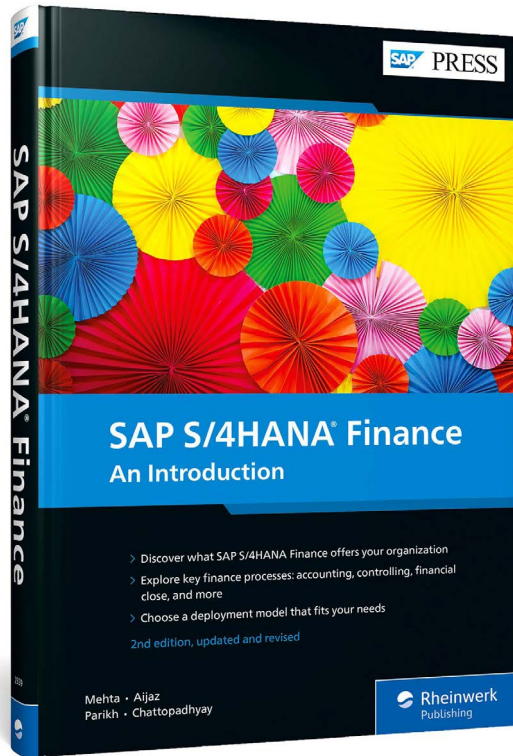
This book offers comprehensive and up-to-date information about chatbots, including basic principles, applications, and future technological trends. It is an excellent reference for any businessperson and decision-maker, as well as scholars, researchers, and developers in business, academia, government, and computing and information technology.

Sep 2023 104pp

9781837689316 Hardback £119.00 / €147.00



SAP PRESS (a division of Rheinwerk Publishing)



SAP S/4HANA® FINANCE

An Introduction, Second Edition

Maunil Mehta et al

Beginning your finance transformation? Looking to learn what SAP S/4HANA has to offer? This book is your starting point for SAP S/4HANA Finance! Learn about the suite's architecture and explore its capabilities for your core finance processes: financial accounting, management accounting, treasury and risk management, planning, consolidation, and close. Unlock enterprise-wide finance reporting, assess your deployment options, and design your finance project with this introductory guide.

In this book, you'll learn about:

- **Finance capabilities** - See how your core processes run in SAP S/4HANA. Walk through accounts payable and receivable, profitability analysis, cash management, financial planning, entity and corporate close, and more. Discover how the Universal Journal removes data siloes and transforms finance.
- **Reporting and analytics** - Establish an enterprise-wide reporting strategy. Learn about requirements for tax reporting and statutory reporting, and then explore tools to report and analyze data in SAP S/4HANA, such as SAP Fiori apps and SAP Analytics Cloud.
- **Implementation planning** - Take your first steps toward SAP S/4HANA Finance. Consider your deployment options: on-premise or cloud? Big-bang or phased approach? What about Central Finance? Design your future landscape and build your business case with this guide.

Highlights include:

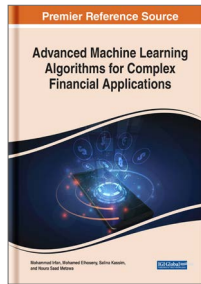
- Financial accounting
- Management accounting
- Treasury and risk management
- Planning, budgeting, and forecasting
- Financial close and consolidation
- Universal Journal
- Reporting and analytics
- Implementation project planning
- Deployment options
- Architecture
- SAP Fiori applications



Oct 2023 394pp
9781493223398 Hardback £85.00 / €97.00

For further information, visit [EUROSPANBOOKSTORE](#)

IGI Global



 eBook available

ADVANCED MACHINE LEARNING ALGORITHMS FOR COMPLEX FINANCIAL APPLICATIONS

Edited by Mohammad Irfan et al

Provides an exhaustive overview of the roles of artificial intelligence and machine learning algorithms in financial sectors with special

reference to complex financial applications such as financial risk management in a big data environment.

Jan 2023 335pp

9781668444832 Hardback £268.00 / €304.00

International Atomic Energy Agency

INTERCOMPARISON OF K0-NAA SOFTWARE PACKAGES

IAEA

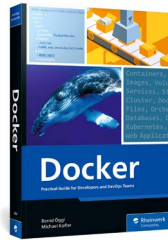
IAEA TECDOC Series

Presents the results of an IAEA organized intercomparison exercise on codes used in the application of the Neutron Activation Analysis (NAA) k0 method. NAA is the most common technique implemented in research reactors worldwide. In 2021, the IAEA initiated an intercomparison exercise of k0 software packages, in which the software contributions to the uncertainty budget were determined.

Oct 2023 67pp, 31 illustrations

9789201392237 Paperback £19.95 / €22.00

Rheinwerk Computing



DOCKER

Practical Guide for Developers and DevOps Teams

Bernd Öggl & Michael Kofler

Learn the ins and outs of containerization in Docker with this practical guide. Begin by installing and setting up the platform.

Then master the basics: get to

know terminology, understand how to run containers, and set up port redirecting and communication. Learn to create custom images, work with commands, and use key containerization tools.

Sep 2023 491pp

9781493223831 Paperback £54.00 / €60.00



FULL STACK WEB DEVELOPMENT

The Comprehensive Guide

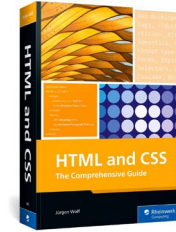
Philip Ackermann

Full stack web developers are always in demand. Between these pages you'll learn to design websites with CSS, structure them with HTML, and add interactivity with JavaScript.

You'll master the different web protocols, formats, and architectures and see how and when to use APIs, PHP, web services, and other tools and languages.

Sep 2023 800pp

9781493224371 Paperback £65.00 / €73.00



HTML AND CSS

The Comprehensive Guide

Jürgen Wolf

Web developers - this is your all-in-one guide to HTML and CSS! Learn to use HTML to format text and structure web pages. Understand the HTML document skeleton before creating forms, referencing

hyperlinks, embedding active content, and more. Then style your pages with CSS.

Sep 2023 850pp

9781493224227 Paperback £65.00 / €73.00



SPRING BOOT 3 AND SPRING FRAMEWORK 6

Christian Ullenboom

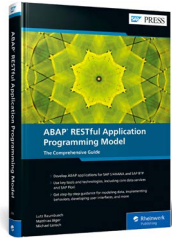
Say goodbye to dependencies, bogged-down code, and inflexibility! With the Spring framework and Spring Boot, you'll painlessly create Java applications that are production ready. Start with

the basics: containers for Spring-managed beans, Spring framework modules, and proxies.

Nov 2023 970pp

9781493224753 Paperback £65.00 / €73.00

SAP PRESS (a division of Rheinwerk Publishing)



ABAP® RESTful APPLICATION PROGRAMMING MODEL

The Comprehensive Guide
Lutz Baumbusch, Matthias Jäger & Michael Lensch

Learn to develop applications optimized for SAP S/4HANA, whether your system is on-premise

or in the cloud. Follow step-by-step instructions to build new ABAP applications, update legacy applications, and reuse existing source code. Make the new model work for you!

Sep 2023 508pp
9781493223794 Hardback £97.00 / €109.00

ACCOUNT DETERMINATION IN SAP S/4HANA®

Business Processes and Configuration
Abdullah Ali Ahmed Galal Ali

Ready to streamline your SAP S/4HANA Finance system? Learn how to determine accounts for your core business areas, including materials management, sales and distribution, accounts receivable and payable, cash and banking, and fixed assets. Follow step-by-step instructions to configure automatic account determination for each process in your system.

Sep 2023 375pp
9781493224166 Hardback £97.00 / €109.00



ADVANCED VARIANT CONFIGURATION WITH SAP S/4HANA®

Marin Ukalovic, Uwe Blumöhr & Andreas Kölbl

Use SAP S/4HANA for advanced variant configuration to meet the individual requirements of your customers! Perform product

modeling, from creating a configurable material and managing master data to setting up object dependencies, variant pricing, and material variants. Discover the most important integration points, including microservices on SAP Business Technology Platform (SAP BTP), SAP Commerce Cloud, SAP CPQ, and more.

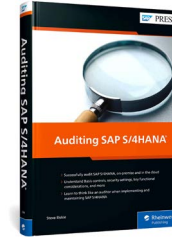
Nov 2023 525pp
9781493223589 Hardback £107.00 / €120.00

APPLICATION DEVELOPMENT WITH SAP BUSINESS TECHNOLOGY PLATFORM

Gairik Acharya et al

Develop cloud applications customized for your business needs! Master the basics of SAP Business Technology Platform (SAP BTP) and its development environments; then get step-by-step instructions for developing and operating your own applications.

Jan 2023 574pp
9781493222551 Hardback £97.00 / €109.00



AUDITING SAP S/4HANA®

Steve Biskie

Performing or preparing for an SAP S/4HANA audit? This is the comprehensive guide you need! Understand what goes into an audit, from the objectives and timing to the reporting process. Prepare an audit roadmap for the system as a

whole, and drill down into specific domains: financials, order-to-cash, purchase-to-pay, and more.

Sep 2023 510pp
9781493222643 Hardback £129.00 / €145.00



AVAILABLE-TO-PROMISE WITH SAP S/4HANA®

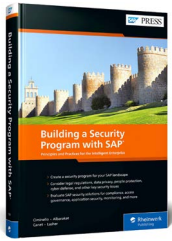
Advanced ATP

Sujeet Acharya, Sandeep Mandhana & Jibi Joseph Vadakayil

See how SAP S/4HANA for advanced ATP improves your fulfillment process! Get ATP up and running in your system, and then

explore functionality for each step of order processing, from scheduling to delivery.

Sep 2023 385pp
9781493223091 Hardback £97.00 / €109.00

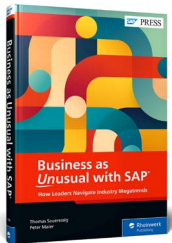


BUILDING A SECURITY PROGRAM WITH SAP®
Principles and Practices for the Intelligent Enterprise
Mark S. Ciminello et al

Tailor-fit a security program for your business requirements, whether your SAP system runs on-premise or in the cloud! Walk through each

aspect of enterprise security, from data protection to identity management. Evaluate key SAP security tools, including SAP governance, risk, and compliance (GRC) solutions, SAP Access Control, SAP Privacy Governance, and more. With expert advice, best practices, and industry guidance, this book is your guide to designing and implementing a long-term security strategy!

Dec 2023 430pp
 9781493225286 Hardback £97.00 / €109.00

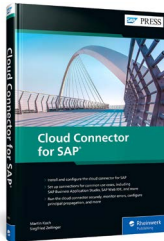


BUSINESS AS UNUSUAL WITH SAP®
How Leaders Navigate Industry Megatrends
Thomas Saueressig & Peter Maier

In global business, change is always afoot. Are you only focused on today's processes, or are you looking ahead at tomorrow's

best practices? Choose to do business as unusual! In this new book, executives and seasoned industry analysts explore the intersections of global business and dynamic market conditions.

Sep 2023 307pp
 9781493223893 Hardback £85.00 / €97.00

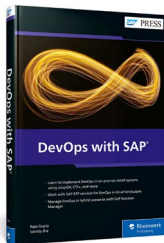


CLOUD CONNECTOR FOR SAP®
Martin Koch & Siegfried Zeilinger

Establish quick and secure communication between your cloud and on-premise systems with SAP Connectivity service's cloud connector! Set up and configure the cloud connector, from performing

sizing to implementing connectivity APIs. Link on-premise SAP products to SAP BTP and its services.

Sep 2023 400pp
 9781493224135 Hardback £97.00 / €109.00

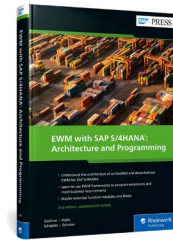


DevOps WITH SAP®
Raja Gupta & Sandip Jha

Discover what DevOps can do to improve your SAP development pipeline! Learn exactly what DevOps is and what tools it provides for version control, coding, test automation, deployment, and monitoring. Walk through SAP's

complete DevOps portfolio for on-premise systems, using SAP S/4HANA as an example.

Sep 2023 390pp
 9781493224197 Hardback £97.00 / €109.00

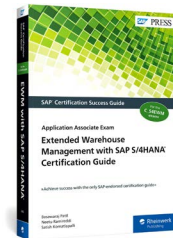


EWM WITH SAP S/4HANA®
Architecture and Programming, Second Edition
Peter Zoellner et al

Your warehouse is unique, so your system must be too. Explore your options for extending and customizing both embedded and

decentralized EWM in SAP S/4HANA. Use function modules, BADIs, and custom code to alter the UI, automate processes, change standard procedures, and more.

Sep 2023 475pp
 9781493223992 Hardback £97.00 / €109.00



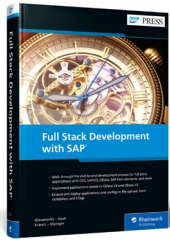
EXTENDED WAREHOUSE MANAGEMENT WITH SAP S/4HANA®
CERTIFICATION GUIDE
Application Associate Exam

Basawaraj Patil, Neetu Ramireddi & Satish Komatlapalli

Preparing for your extended warehouse management (EWM)

exam? Make the grade with this C_S4EWM certification study guide! From inbound and outbound processing to shipping and receiving, this guide will review the key technical and functional knowledge you need to pass the test.

Oct 2023 435pp
 9781493224623 Paperback £85.00 / €97.00



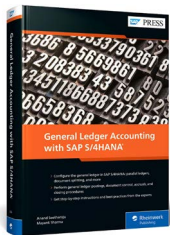
FULL STACK DEVELOPMENT WITH SAP®

Rene Glavanovits et al

Your guide to end-to-end SAP development is here! From the database to the user interface, you'll learn what it takes to create applications as a full stack developer.

See how to use SAPUI5, OData, CDS, TypeScript, and SAP Fiori elements in your applications. Get detailed, step-by-step instructions for working with OData V4 and V2.

Oct 2023 612pp
9781493224524 Hardback £97.00 / €109.00



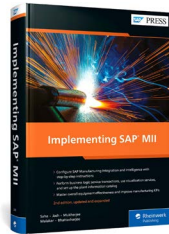
GENERAL LEDGER ACCOUNTING WITH SAP S/4HANA®

Anand Seetharaju & Mayank Sharma

The general ledger is the backbone of your financials system. Learn everything you need for configuring and using the general ledger in SAP S/4HANA. Walk step by step

through setting up fiscal years, posting periods, parallel ledgers, and more. See routine processes like posting, document control, and year-end closing in action.

Sep 2023 885pp
9781493223640 Hardback £97.00 / €109.00



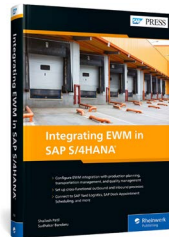
IMPLEMENTING SAP® MII Second Edition

Dipankar Saha et al

Tap into bi-directional integration and analytics with SAP Manufacturing Integration and Intelligence. With this bestselling guide, get step-by-step instructions for configuring SAP MII, managing

external data connections, developing composite applications, and more.

Sep 2023 705pp
9781493223428 Hardback £107.00 / €120.00



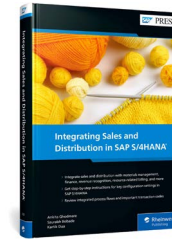
INTEGRATING EWM IN SAP S/4HANA®

Shailesh Patil & Sudhakar Bandar

Optimize your warehousing by integrating EWM in SAP S/4HANA! Walk through step-by-step instructions to configure integration points between EWM and production planning,

transportation, and quality management. Connect to and exchange data with different logistics processes, from yard management to plant maintenance.

Nov 2023 575pp
9781493225026 Hardback £107.00 / €120.00



INTEGRATING SALES AND DISTRIBUTION IN SAP S/4HANA®

Ankita Ghodmare, Saurabh Bobade & Kartik Dua

To run sales and distribution smoothly in SAP S/4HANA, you need to manage integration points with other lines of business. Learn

how to set them up with this guide. Start by assessing the organizational structure and master data shared by sales and peripheral processes. Then follow instructions to configure each sales integration point.

Sep 2023 582pp
9781493223299 Hardback £97.00 / €109.00



INTEGRATING THIRD-PARTY LOGISTICS WITH SAP S/4HANA®

Gautam Bhattacharya & Mehfuze Ali Molla

Working with external partners for logistics operations? Set up seamless communication between your systems using this all-in-one

handbook! Start with an overview of third-party logistics and learn how to design the best landscape for your business model. Then follow click-by-click instructions for connecting SAP S/4HANA with your 3PL vendors.

Dec 2023 425pp
9781493224463 Hardback £107.00 / €120.00

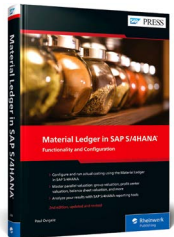


ITSM AND ChARM IN SAP® SOLUTION MANAGER
Second Edition
Nathan Williams

Your one stop shop for ITSM and ChARM in SAP Solution Manager. Learn what's new in SolMan 7.2, including requirements management, service request

management, and an SAP Fiori-based launchpad. Build a solid ITSM foundation and explore incident/problem creation, processing, and closing.

Sep 2023 925pp
9781493214518 Hardback £97.00 / €109.00

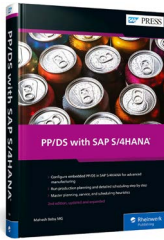


MATERIAL LEDGER IN SAP S/4HANA®
Functionality and Configuration,
Second Edition
Paul Ovigele

The Material Ledger is mandatory in SAP S/4HANA. Get it up and running with this all-in-one

resource. Configure settings for currency conversion, ledgers, and valuation views. Then set up and run your key ML processes, step by step: costing, group valuation, profit centre valuation, parallel cost of goods manufactured, and balance sheet valuation.

Sep 2023 526pp
9781493222995 Hardback £97.00 / €109.00

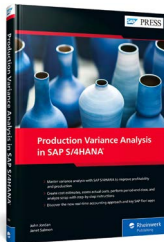


PP/DS WITH SAP S/4HANA®
Second Edition
Mahesh Babu MG

Looking to tap into advanced planning and scheduling? Then this is the book for you. Get detailed guidance for setting up and using PP/DS in SAP S/4HANA. Follow step-by-step instructions for

configuring master data, heuristics, planning procedures, data transfer, and detailed scheduling.

Sep 2023 615pp
9781493223862 Hardback £107.00 / €120.00

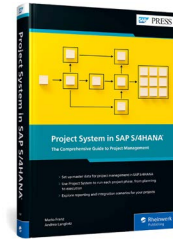


PRODUCTION VARIANCE ANALYSIS IN SAP S/4HANA®
John Jordan & Janet Salmon

To effectively plan production costs, you know that guesswork and projections aren't enough. Optimize your production processes - and increase profitability - with this

guide to production variance analysis in SAP S/4HANA.

Sep 2023 300pp
9781493223619 Hardback £107.00 / €120.00

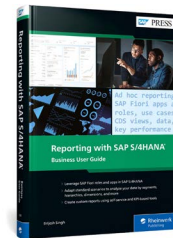


PROJECT SYSTEM IN SAP S/4HANA®
The Comprehensive Guide to Project Management
Mario Franz & Andrea Langlotz

Managing projects across an organization is complex. This book guides you through each twist and turn in the project lifecycle using

Project System in SAP S/4HANA. Start by setting up the master data that project management depends on. Then configure and run planning functions for project logistics and financials.

Sep 2023 520pp
9781493223671 Hardback £97.00 / €109.00

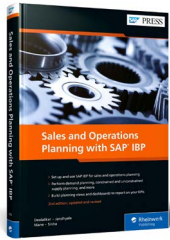


REPORTING WITH SAP S/4HANA®
Business User Guide
Brijesh Singh

Make business reporting easy with this all-in-one user guide! Explore the SAP Fiori user experience and see how its role-based approach makes gathering data from

your system simpler and faster. Then dive into reporting requirements for different business areas, including finance, tax, sales, management, and logistics.

Sep 2023 537pp
9781493222674 Hardback £97.00 / €109.00



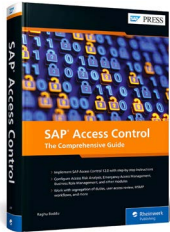
SALES AND OPERATIONS PLANNING WITH SAP® IBP

Sagar Deolalikar et al

Ready to master S&OP? See how to configure SAP IBP for sales and operations to fit your unique requirements, from key figures to the planning model. Then use step-by-step instructions to execute demand planning, perform unconstrained or constrained supply planning, and consolidate the results into views.

Sep 2023 500pp

9781493223336 Hardback £97.00 / €109.00



SAP® ACCESS CONTROL

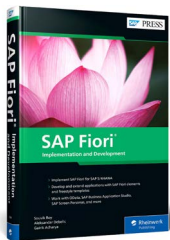
The Comprehensive Guide

Raghu Boddu

Manage on-premise user access with this comprehensive guide to SAP Access Control. Begin with step-by-step installation and configuration instructions. Then implement key SAP Access Control modules, including access risk analysis, emergency access management, and access request management.

Sep 2023 575pp

9781493223701 Hardback £107.00 / €120.00



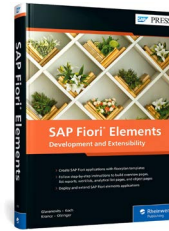
SAP FIORI® Implementation and Development

Souvik Roy, Aleksander Debelic & Gairik Acharya

Take your UI to the next level with this all-in-one resource to implementing and developing SAP Fiori apps! Start by configuring the SAP Fiori components and setting up the necessary security measures. Then it's time to dive into applications: enabling them, developing them, extending them for SAP S/4HANA, and more.

Sep 2023 570pp

9781493222049 Hardback £97.00 / €109.00



SAP FIORI® ELEMENTS Development and Extensibility

Rene Glavanovits et al

Take the guesswork out of app development with this comprehensive guide! Learn how to use SAP Fiori elements to develop SAP Fiori applications with minimal coding. Walk through the basics of SAP Fiori elements. Then, follow step-by-step instructions to build your applications using floorplan templates.

Sep 2023 440pp

9781493223732 Hardback £97.00 / €109.00



SAP FIORI® IMPLEMENTATION AND DEVELOPMENT Third Edition

Anil Bavaraju

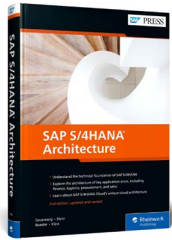
The SAP Fiori 2.0 design concept is here. See how to take your UI to the next level with this all-in-one resource to implementing and developing analytical, transactional, and fact sheet apps. Get the low-down on SAP Fiori's all-new look, SAP S/4HANA support, and more. This guide to Fiori has your back, implement, create, and customize!

Sep 2023 700pp

9781493219728 Hardback £85.00 / €97.00



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



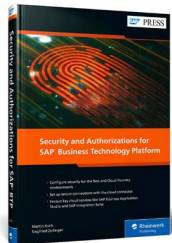
SAP S/4HANA® ARCHITECTURE Second Edition

Thomas Saueressig et al

If you're working with SAP S/4HANA, you need to know the ins and outs of the system. Master SAP S/4HANA's technical and application architecture with this book. See how the foundation is built: the backend data models, the frontend user experience, the analytics and extension capabilities, integration options, and more.

Sep 2023 520pp

9781493224036 Hardback £85.00 / €97.00



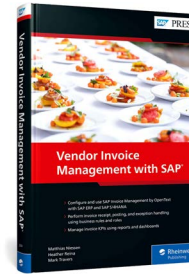
SECURITY AND AUTHORIZATIONS FOR SAP® BUSINESS TECHNOLOGY PLATFORM

Martin Koch & Siegfried Zeilinger

Learn what it takes to protect SAP Business Technology Platform! Walk through the cloud security mechanisms of SAP BTP (formerly SAP Cloud Platform). With information on safeguarding key cloud services, this guide will leave you confident in your cloud system's security.

Sep 2023 356pp

9781493223558 Hardback £97.00 / €109.00



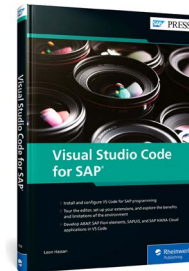
VENDOR INVOICE MANAGEMENT WITH SAP®

Matthias Niessen, Heather Reina & Mark Travers

Reduce payment bottlenecks with SAP Invoice Management by OpenText! Get step-by-step instructions for setting up this vendor invoice management (VIM) application to work with both SAP ERP and SAP S/4HANA. Then see how to run your key VIM processes with machine learning.

Sep 2023 446pp

9781493223510 Hardback £97.00 / €109.00



VISUAL STUDIO CODE FOR SAP®

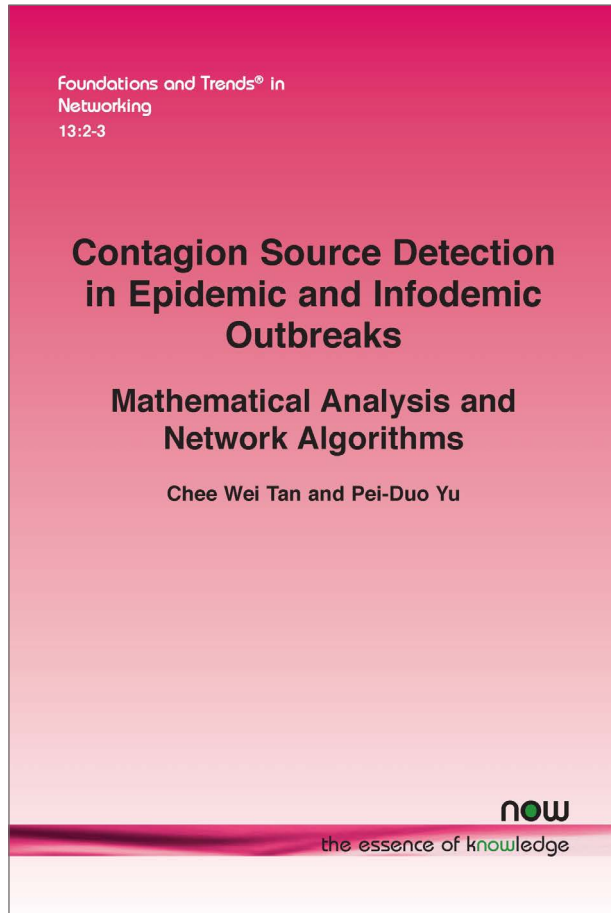
Leon Hassan

Start programming your SAP applications in Visual Studio Code! This hands-on guide begins with an overview of how VS Code works and how it connects to your SAP systems. Then learn how to manage version control by integrating VS Code with Git.

Sep 2023 258pp

9781493223367 Hardback £85.00 / €97.00

Now Publishers



CONTAGION SOURCE DETECTION IN EPIDEMIC AND INFODEMIC OUTBREAKS

Mathematical Analysis and Network Algorithms

Chee Wei Tan & Pei-Duo Yu

Foundations and Trends® in Networking

The rapid spread of infectious diseases and online rumors share similarities in terms of their speed, scale, and patterns of contagion. Although these two phenomena have historically been studied separately, the COVID-19 pandemic has highlighted the devastating consequences that simultaneous crises of epidemics and misinformation can have on the world.

Networks serve as a crucial platform for viral spreading, as the actions of highly influential users can quickly render others susceptible to the same. The potential for contagion in epidemics and rumors hinges on the initial source, underscoring the need for rapid and efficient digital contact tracing algorithms to identify super-spreaders or Patient Zero.

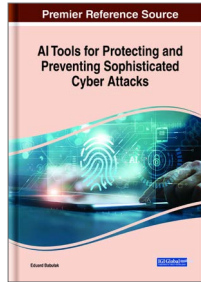
This monograph provides an overview of the mathematical theories and computational algorithm design for contagion source detection in large networks. By leveraging network centrality as a tool for statistical inference, we can accurately identify the source of contagions, trace their spread, and predict future trajectories. This approach provides fundamental insights into surveillance capability and asymptotic behaviour of contagion spreading in networks. Mathematical theory and computational algorithms are vital to understanding contagion dynamics, improving surveillance capabilities, and developing effective strategies to prevent the spread of infectious diseases and misinformation.

Jul 2023 160pp

9781638282501 Paperback £85.00 / €97.00



For further information, visit [EUROSPANBOOKSTORE](#)



eBook available

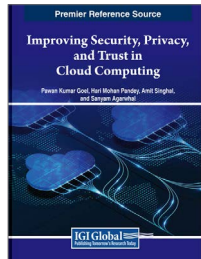
AI TOOLS FOR PROTECTING AND PREVENTING SOPHISTICATED CYBER ATTACKS

Edited by Eduard Babulak

Illuminates the most effective and practical applications of artificial intelligence (AI) in securing critical cyber infrastructure and internet communities worldwide. The book presents a collection of selected peer-reviewed chapters addressing the most important issues, technical solutions, and future research directions in cyber security.

Aug 2023 233pp

9781668471104 Hardback £248.00 / €282.00



eBook available

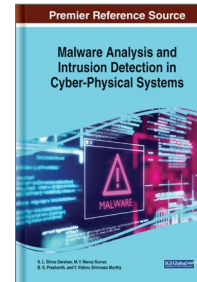
IMPROVING SECURITY, PRIVACY, AND TRUST IN CLOUD COMPUTING

Edited by Pawan Kumar Goel et al

Unravels the complexities surrounding the cloud landscape, delving into the core concerns of security, privacy, and trust that have come to define its evolution. This book aims to equip readers with the insights, knowledge, and practical strategies needed to navigate the intricate realm of cloud computing while safeguarding their most valuable assets.

Feb 2024 340pp

9798369314319 Hardback £263.00 / €298.00



eBook available

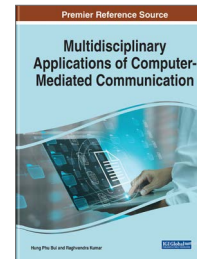
MALWARE ANALYSIS AND INTRUSION DETECTION IN CYBER-PHYSICAL SYSTEMS

Edited by S. L. Shiva Darshan et al

Focuses on dynamic malware analysis and its time sequence output of observed activity, including advanced machine learning and AI-based malware detection and categorization tasks in real time. Topics covered include intrusion detection systems, low-cost manufacturing, and surveillance robots.

Sep 2023 310pp

9781668486665 Hardback £223.00 / €254.00



eBook available

MULTIDISCIPLINARY APPLICATIONS OF COMPUTER-MEDIATED COMMUNICATION

Edited by Phu Hung Bui & Raghendra Kumar

Considers the future use of CMC and recent applications of computer-mediated communication (CMC) in different contexts in the world with implications for further development. Key topics covered include learning environments, business communication, and social media.

Apr 2023 322pp

9781668470343 Hardback £248.00 / €282.00

IntechOpen



BLOCKCHAIN APPLICATIONS

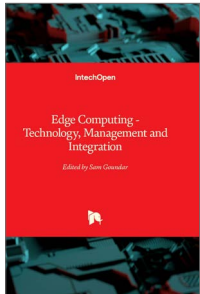
Transforming Industries, Enhancing Security, and Addressing Ethical Considerations

Edited by Vsevolod Chernyshenko & Vardan Mkrtychian

Brings together leading experts and their thought-provoking chapters on blockchain's diverse applications.

Jul 2023 324pp

9781803560533 Hardback £139.00 / €172.00



EDGE COMPUTING

Technology, Management and Integration

Edited by Sam Goundar

Explores various technologies that make edge computing possible and how to manage computing at the edge and integrate it with existing networks and 5G networks of the future. This book investigates the current state-of-the-art infrastructure and architecture and highlights advances and future trends.

Aug 2023 258pp

9781837688616 Hardback £119.00 / €147.00

Now Publishers

IN-BAND FULL-DUPLEX RADIOS IN 6G NETWORKS

Implementation and Applications

Haifeng Luo, Abhijeet Bishnu & Tharmalingam Ratnarajah

Foundations and Trends® in Networking

With the explosion of devices in the connected intelligence world, spectrum utilization has to be enhanced to meet these stringent requirements. In-band full-duplex has been reported as a promising technique to enhance spectral efficiency and reduce end-to-end latency.

Jun 2023 118pp

9781638282143 Paperback £69.00 / €78.00

REED-MULLER CODES

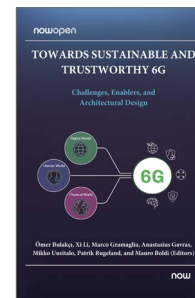
Emmanuel Abbe et al

Foundations and Trends® in Communications and Information Theory

Considers some of the most recent developments in RM codes that are having major impacts on the design of modern communication systems. These include weight enumerator and the capacity-achieving properties of RM codes, as well as some of the algorithmic developments.

Jan 2023 172pp

9781638281443 Paperback £85.00 / €97.00



TOWARDS SUSTAINABLE AND TRUSTWORTHY 6G

Challenges, Enablers, and Architectural Design

Omer Bulak et al

NowOpen

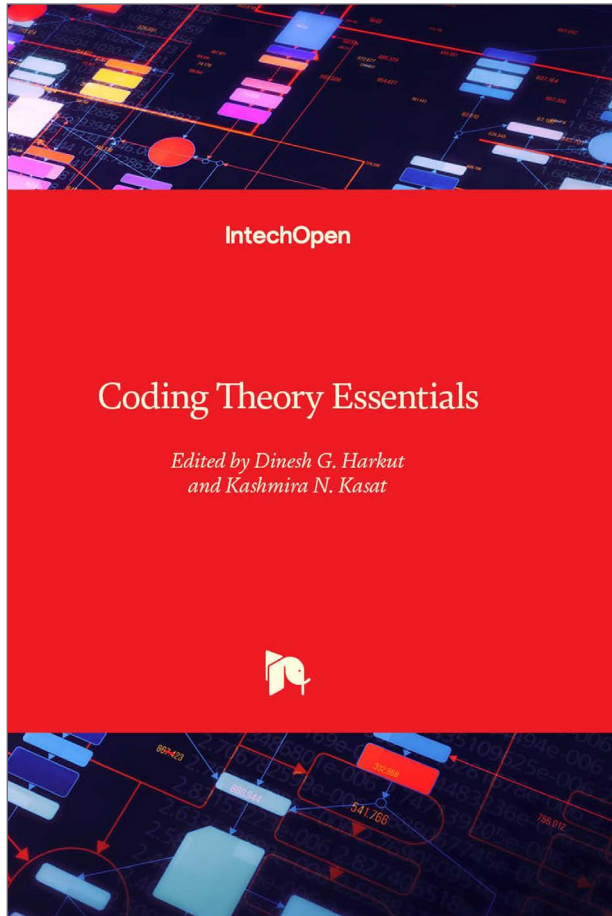
Introduces the upcoming 6G technologies and outlines the foreseen challenges, enablers, and architectural design trends that will be instrumental in realizing a sustainable and trustworthy 6G system in the coming years.

Jun 2023 409pp

9781638282389 Hardback £107.00 / €122.00

For further information, visit [EUROSPANBOOKSTORE](https://www.eurospanbookstore.com)

IntechOpen



CODING THEORY ESSENTIALS

Edited by Dinesh G. Harkut & Kashmiri N. Kasat

In an era where data is the lifeblood of our interconnected world, the ability to transmit and protect information is of paramount importance. *Coding Theory Essentials* is your comprehensive guide to understanding the fundamental principles and techniques that underpin the art of coding theory. This edited book brings together the expertise of leading researchers and practitioners to explore the intricate world of coding theory. From error-correcting codes to channel capacity, from block codes to convolutional codes, this collection covers a wide range of topics, providing both theoretical foundations and practical insights.

Whether you are a computer scientist, an electrical engineer, or simply curious about the inner workings of information coding, this book offers a captivating journey into the heart of modern communication. Explore the elegant beauty of coding theory and unleash your potential to innovate within this exciting field. Join us on a quest to decode the secrets of coding theory and unleash the power of reliable communication.

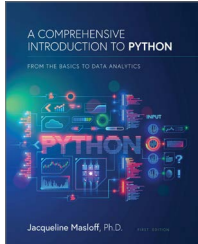
Coding Theory Essentials is a must-have resource for researchers, students, and practitioners seeking to navigate the complexities of our digital world. Open the book, unlock the knowledge, and embark on a transformative journey into the world of coding theory.

Aug 2023 150pp

9781837685028 Hardback £119.00 / €147.00



Cognella Academic Publishing



A COMPREHENSIVE INTRODUCTION TO PYTHON

From the Basics to Data Analytics

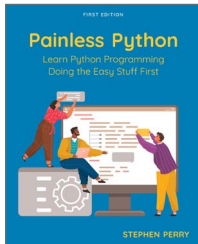
Jackie Masloff

Written for students who have had little to no experience in computer programming, A

Comprehensive Introduction to Python: From the Basics to Data Analytics covers not only the syntax and structure of the Python programming language but fundamental computer programming concepts that are the same across all programming languages.

Aug 2023 666pp

9781793558244 Paperback £124.00 / €140.00



PAINLESS PYTHON

Learn Python Programming Doing the Easy Stuff First

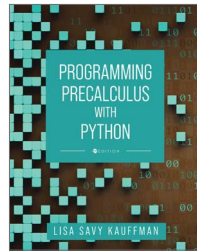
Stephen Perry

Provides students with a fresh and practical approach to programming. The book covers the same concepts and programming techniques as a typical Python book, but in an order

that's much easier to digest and understand. Each chapter touches on multiple areas of programming, but with the easy stuff covered first.

Jun 2023 210pp

9798823312356 Paperback £72.00 / €80.00



PROGRAMMING PRECALCULUS WITH PYTHON

Lisa Savy Kauffman

Designed to help students learn the fundamentals of Python programming and the basics of precalculus within the context of Python programming. The book

presents the basic elements of the language, including control structures, list and set operations, built-in math functions, user-defined functions, string manipulations, logical structures, list comprehension, classes, and 2D and 3D plotting.

Aug 2023 602pp

9781793568960 Paperback £118.00 / €134.00

IGI Global

 eBook available

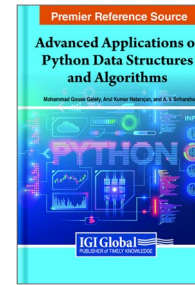
ADAPTIVE SECURITY AND CYBER ASSURANCE FOR RISK-BASED DECISION MAKING

Tyson T. Brooks

Explores decision making in the context of software-based systems and discusses why it is difficult to achieve. The book also identifies a discipline termed cyber-assurance, which considers the interactions of assurance-enhancing technology, system architecture, and the development life cycle.

Jun 2023 300pp

9781668477663 Hardback £223.00 / €254.00



 eBook available

ADVANCED APPLICATIONS OF PYTHON DATA STRUCTURES AND ALGORITHMS

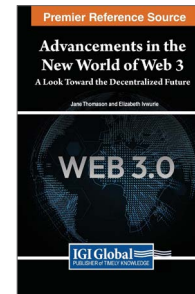
Edited by Mohammad Gouse Gaety, Arul Kumar Natarajan & A. V. Sriharsha

Focuses on applying the fundamentals of data structures and

their many implementations and discusses the advantages and disadvantages of various data structures. The book covers a range of key, including Python, linked lists, datatypes, and operators.

Jul 2023 298pp

9781668471005 Hardback £268.00 / €304.00



 eBook available

ADVANCEMENTS IN THE NEW WORLD OF WEB 3

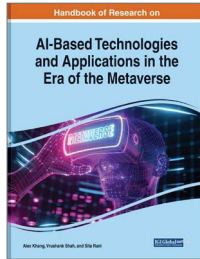
A Look Toward the Decentralized Future

Jane Thomason & Elizabeth Ivwurie

The ultimate solution for academic scholars seeking to delve into the depths of Web 3.

Jun 2023 323pp

9781668466582 Hardback £238.00 / €270.00



eBook available

AI-BASED TECHNOLOGIES AND APPLICATIONS IN THE ERA OF THE METAVERSE

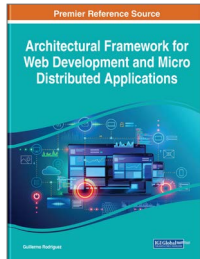
Edited by Alex Khang, Vrushank Shah & Sita Rani

Discusses essential components of the metaverse ecosystem such as concepts, methodologies,

technologies, modeling, designs, statistics, implementation, and maintenance.

Jul 2023 517pp

9781668488515 Hardback £342.00 / €388.00



eBook available

ARCHITECTURAL FRAMEWORK FOR WEB DEVELOPMENT AND MICRO DISTRIBUTED APPLICATIONS

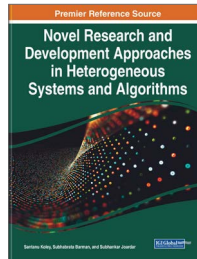
Guillermo Rodriguez

Focuses on how the indexing domain may be leveraged by a new

wave of JavaScript applications that have been termed micro distributed applications.

Apr 2023 268pp

9781668448496 Hardback £248.00 / €282.00



eBook available

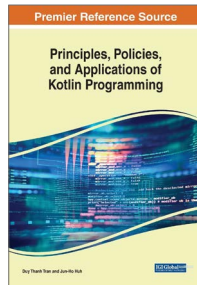
NOVEL RESEARCH AND DEVELOPMENT APPROACHES IN HETEROGENEOUS SYSTEMS AND ALGORITHMS

Edited by Santanu Koley, Subhabrata Barman & Subhankar Joardar

Addresses novel research and developmental approaches in heterogenous systems and algorithms for information-centric networks of the future. The book covers a range of topics, including image identification and segmentation, materials data extraction, and wireless sensor networks.

Mar 2023 323pp

9781668475249 Hardback £268.00 / €304.00



eBook available

PRINCIPLES, POLICIES, AND APPLICATIONS OF KOTLIN PROGRAMMING

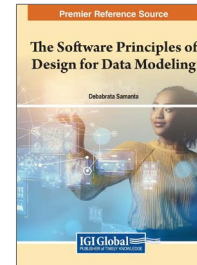
Duy Thanh Tran & Jun-Ho Huh

Provides complete knowledge of Kotlin programming. It presents the latest technology of Vert.X, Restful API programming application by Kotlin, as well as authentication

techniques for Restful APIs, which are new and important content in backend deployment for software.

Aug 2023 457pp

9781668466872 Hardback £213.00 / €242.00



eBook available

THE SOFTWARE PRINCIPLES OF DESIGN FOR DATA MODELING

Edited by Debabrata Samanta

A practical and comprehensive solution to the challenges of designing effective software architecture for data modeling.

Sep 2023 300pp

9781668498095 Hardback £268.00 / €304.00



eBook available

TRENDS, APPLICATIONS, AND CHALLENGES OF CHATBOT TECHNOLOGY

Edited by Mohammad Amin Kuhail, Bayan Abu Shawar & Rawad Hammad

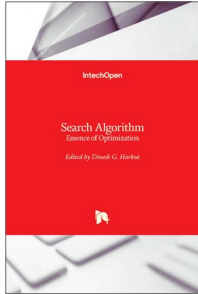
Presents research content and reviews of current chatbot technology and sheds light on challenges and open questions

as well as possible research directions. Key topics covered include human-computer interaction, customer support, and algorithms.

Feb 2023 315pp

9781668462348 Hardback £268.00 / €304.00

IntechOpen

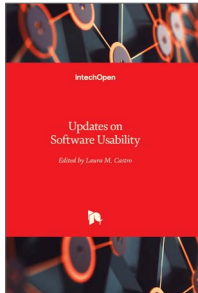


SEARCH ALGORITHM Essence of Optimization

Edited by Dinesh G. Harkut

Discusses advances and applications of various types of search algorithms, such as quantum search, harmony search, cognitive search, genetic search, and many others. It is a valuable resource and provides a solid technical base for frontline investigations of search algorithms for scientists and students interested in search and optimization methods.

Feb 2023 138pp
9781839690860 Hardback £119.00 / €147.00



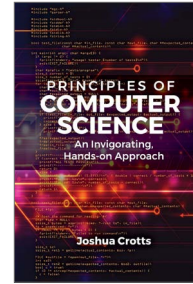
UPDATES ON SOFTWARE USABILITY

Edited by Laura M. Castro

A collection of high-quality contributions for developers and non-developers alike. Beyond the preliminaries, the book is organized into two other parts: "Designing for Usability" and "Testing for Usability".

Feb 2023 120pp
9781803566351 Hardback £119.00 / €147.00

J. Ross Publishing



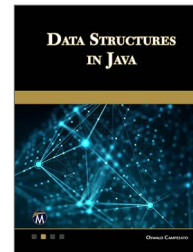
PRINCIPLES OF COMPUTER SCIENCE An Invigorating, Hands-on Approach

Joshua Crotts

Provides a perspective on event-driven programming, memory management via garbage collection, and much more. *Principles of Computer Science* assumes no prior programming experience - all topics are taught from scratch, making this a highly approachable and inclusive textbook.

Oct 2023 754pp
9781604271997 Paperback £60.00 / €69.00

Mercury Learning and Information

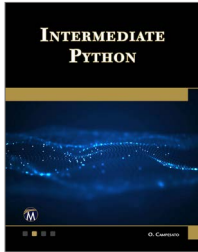


DATA STRUCTURES IN JAVA

Oswald Camesato

A fast-paced introduction to using data structures with Java. Numerous code samples and listings are included to support myriad topics. The book includes extensive topics, code samples, and scripts related to data structures, and covers strings, arrays, queues, and stacks, linked lists, computing the XOR function, checking for unique characters.

Sep 2023 232pp
9781683929550 Paperback £46.95 / €54.00



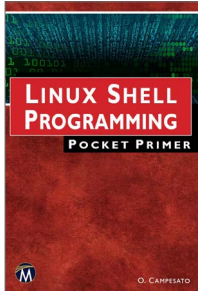
INTERMEDIATE PYTHON

Oswald Campesato

Provides the relevant information about using intermediate Python 3.x for a variety of topics, such as comprehensions, iterators, generators, regular expressions, OOP, queues and stacks, and recursion.

Sep 2023 196pp

9781501521744 Paperback £46.95 / €54.00



LINUX SHELL PROGRAMMING

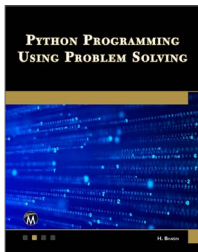
Pocket Primer

Oswald Campesato

Introduces readers to an assortment of powerful command line utilities that can be combined to create simple, yet powerful shell scripts.

Jul 2023 254pp

9781683926214 Paperback £42.95 / €49.00



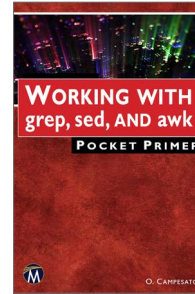
PYTHON PROGRAMMING USING PROBLEM SOLVING

Harsh Bhasin

Deals with problem-solving and programming in Python. This book concentrates on the development of efficient algorithms, the syntax of the language, and the ability to design programs in order to solve problems.

Jun 2023 574pp

9781683928621 Paperback £52.00 / €59.00



WORKING WITH grep, sed, AND awk

Pocket Primer

Oswald Campesato

Introduces readers to three powerful command line utilities that can be combined to create simple yet powerful shell scripts for performing a multitude of tasks. The code samples and scripts use the bash shell, and typically involve very small text files so that you can focus on understanding the features of grep, sed, and awk.

May 2023 242pp

9781501521515 Paperback £46.95 / €54.00

Rheinwerk Computing



REACT

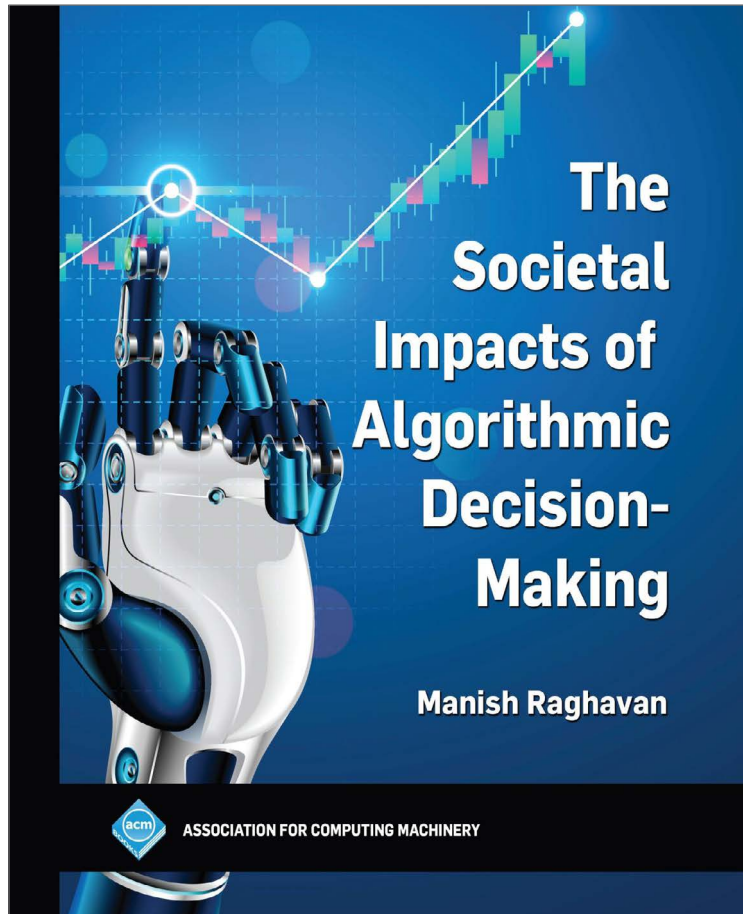
The Comprehensive Guide

Sebastian Springer

React.js makes developing dynamic user interfaces faster and easier than ever. Learn how to get the most out of the library with this comprehensive guide! Start with the basics: what React is and how it works. Then follow practical code examples to build an application, from styling with CSS to maximizing app performance.

Nov 2023 700pp

9781493224401 Paperback £65.00 / €73.00



THE SOCIETAL IMPACTS OF ALGORITHMIC DECISION-MAKING

Manish Raghavan

Demonstrates the need for and the value of interdisciplinary research in addressing important societal challenges associated with the widespread use of algorithmic decision-making. Algorithms are increasingly being used to make decisions in various domains such as criminal justice, medicine, and employment. While algorithmic tools have the potential to make decision-making more accurate, consistent, and transparent, they pose serious challenges to societal interests. For example, they can perpetuate discrimination, cause representational harm, and deny opportunities.

The Societal Impacts of Algorithmic Decision-Making presents several contributions to the growing body of literature that seeks to respond to these challenges, drawing on techniques and insights from computer science, economics, and law. The author develops tools and frameworks to characterize the impacts of decision-making and incorporates models of behavior to reason about decision-making in complex environments. These technical insights are leveraged to deepen the qualitative understanding of the impacts of algorithms on problem domains including employment and lending.

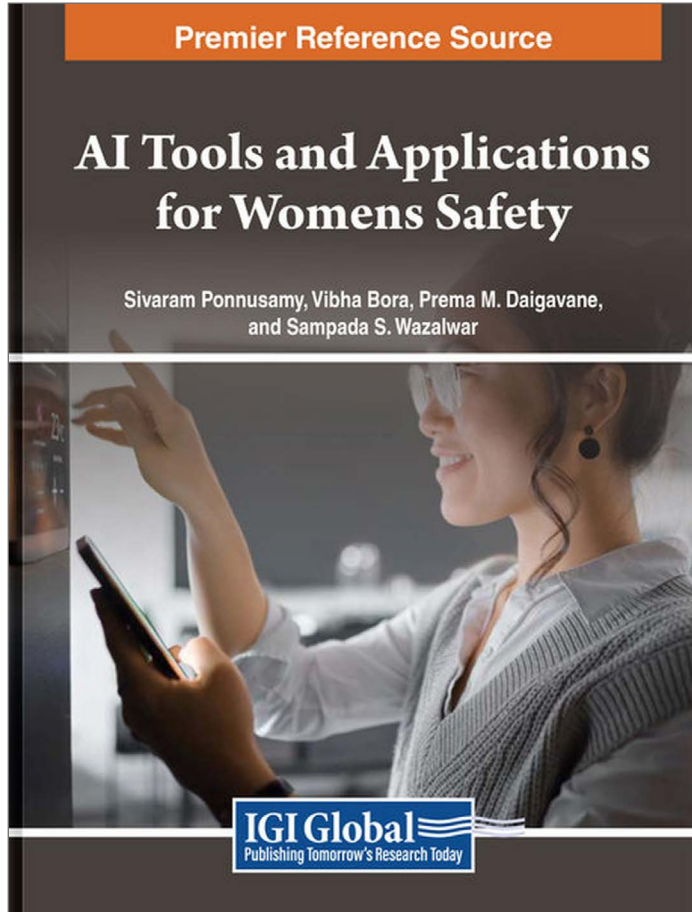
The social harms of algorithmic decision-making are far from being solved. While easy solutions are not presented here, there are actionable insights for those who seek to deploy algorithms responsibly. The research presented within this book will hopefully contribute to broader efforts to safeguard societal values while still taking advantage of the promise of algorithmic decision-making.

Sep 2023 364pp

9798400708596 Paperback £42.95 / €49.00

9798400708619 Hardback £60.00 / €69.00





 eBook available

AI TOOLS AND APPLICATIONS FOR WOMEN'S SAFETY

Edited by Sivaram Ponnusamy et al

In an era defined by rapid technological advancements, the safety of women remains a critical concern. Despite strides towards gender equality, women continue to face various safety challenges in both public and private spheres. Harassment, violence, and discrimination persist, fueled by societal norms and modern complexities. As society grapples with these issues, harnessing the power of artificial intelligence (AI) emerges as a promising solution to reshape the landscape of women's safety.

AI Tools and Applications for Women's Safety is a groundbreaking book curated by experts. This timely volume converges on the potential of AI to address the safety concerns that women face daily. Through innovative resources and applications, AI-driven solutions redefine personal security. From real-time threat assessment to emergency response coordination, these technologies adapt to individual needs, offering tailored protection.

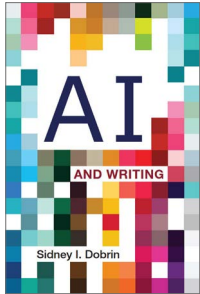
This book sheds light on the promise of AI, as well as detailing actionable insights that span various domains. From academia to law enforcement, policymakers to advocates, this book offers a comprehensive understanding of AI's role in reshaping women's safety. With chapters covering predictive safety analytics, smart surveillance, ethical considerations, and more, *AI Tools and Applications for Women's Safety* paves the way for informed discourse and meaningful action.

Jan 2024 320pp

9798369314357 Hardback £297.00 / €338.00



Broadview Press

**AI AND WRITING***Sidney I. Dobrin*

Provides an introduction to Generative Artificial Intelligence (GenAI) and its emergent role as a tool for academic, professional, civic, and personal writing. Sid Dobrin examines GenAI from two perspectives: the conceptual and the applied.

Sep 2023 144pp

9781554816514 Paperback £17.95 / €20.00

IGI Global

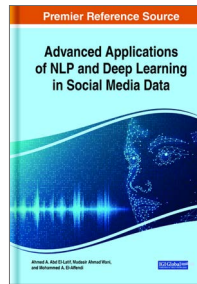
eBook available

ADVANCED APPLICATIONS OF GENERATIVE AI AND NATURAL LANGUAGE PROCESSING MODELS*Edited by Ahmed J. Obaid, Bharat Bhushan & Muthmainnah S. Pd.*

A complete guide that equips researchers with the knowledge needed to utilize NLP and generative AI, including deep learning for NLP, generative models for text generation, language modeling and sentiment analysis, machine translation and multilingual models, ethical considerations in NLP, conversational AI applications, and case studies and real-world applications.

Dec 2023 350pp

9798369305027 Hardback £268.00 / €304.00



eBook available

ADVANCED APPLICATIONS OF NLP AND DEEP LEARNING IN SOCIAL MEDIA DATA*Edited by Ahmed A. Abd El-Latif, Mudasar Ahmad Wani & Mohammed A. El-Affendi*

Bridges the gap between natural language processing (NLP), advanced machine learning, deep learning, and online social media. This book hopes to build a better and safer social media space by making human language available on different social media platforms intelligible for machines with the blessings of AI.

Jun 2023 303pp

9781668469095 Hardback £268.00 / €304.00

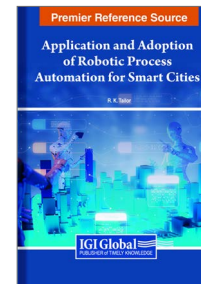
eBook available

ADVANCEMENTS IN BIO-MEDICAL IMAGE PROCESSING AND AUTHENTICATION IN TELEMEDICINE*Edited by Rijwan Khan & Indrajeet Kumar*

Introduces recent advancements, opportunities, and challenges for bio-medical image processing and authentication in telemedicine and discusses the design of high-accuracy decision support systems. Key topics covered include artificial intelligence, medical imaging, telemedicine, and technology.

Mar 2023 300pp

9781668469576 Hardback £322.00 / €365.00



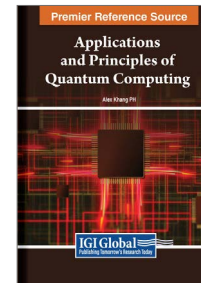
eBook available

APPLICATION AND ADOPTION OF ROBOTIC PROCESS AUTOMATION FOR SMART CITIES*Edited by R. K. Tailor*

Provides relevant theoretical frameworks and various developments in the area of robotic process automation. Topics covered include banking and financial services, public engagement, and smart cities.

Sep 2023 320pp

9781668471937 Hardback £268.00 / €304.00



eBook available

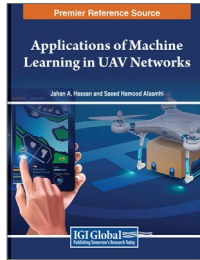
APPLICATIONS AND PRINCIPLES OF QUANTUM COMPUTING*Edited by Alex Khang*

Introduces the principles and concepts that underpin quantum computing but also illuminate its myriad applications across diverse domains. From artificial intelligence

and cybersecurity to financial modeling, drug development, and beyond, this book stitches together a tapestry of insights from quantum computing scientists, researchers, engineers, and scholars worldwide.

Feb 2024 300pp

9798369311684 Hardback £297.00 / €338.00



 eBook available

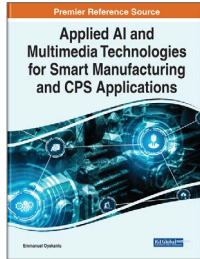
APPLICATIONS OF MACHINE LEARNING IN UAV NETWORKS

Edited by Jahan Hassan & Saeed Alsamhi

Presents a pioneering exploration into the symbiotic relationship between machine learning techniques and UAVs.

Feb 2024 310pp

9798369305782 Hardback £282.00 / €320.00



 eBook available

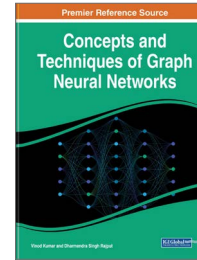
APPLIED AI AND MULTIMEDIA TECHNOLOGIES FOR SMART MANUFACTURING AND CPS APPLICATIONS

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. The book conducts a cost-benefit analysis regarding the benefits of the integration of specific AI and multimedia technologies in specific industrial manufacturing applications.

Apr 2023 377pp

9781799878520 Hardback £268.00 / €304.00



 eBook available

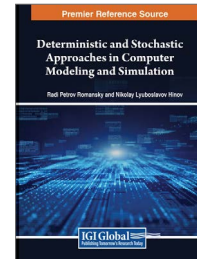
CONCEPTS AND TECHNIQUES OF GRAPH NEURAL NETWORKS

Edited by Vinod Kumar & Dharmendra Singh Rajput

Provides a stepwise discussion, an exhaustive literature review, detailed analysis and discussion, rigorous experimentation results, and application-oriented approaches that are demonstrated with respect to applications of graph neural networks.

Aug 2023 247pp

9781668469033 Hardback £268.00 / €304.00



 eBook available

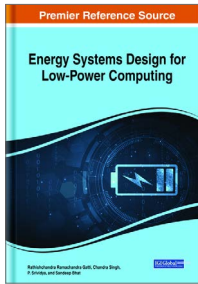
DETERMINISTIC AND STOCHASTIC APPROACHES IN COMPUTER MODELING AND SIMULATION

Radi Petrov Romansky & Nikolay Lyuboslavov Hinov

Provides a classification of modeling methods and offers a formalized, step-by-step approach to conducting model investigations, starting from defining objectives to analyzing experimental results.

Oct 2023 300pp

9781668489475 Hardback £263.00 / €298.00



eBook available

ENERGY SYSTEMS DESIGN FOR LOW-POWER COMPUTING

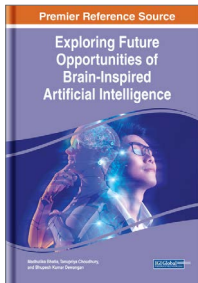
Edited by Rathishchandra Ramachandra Gatti et al

Presents current research and the state-of-the-art technologies, topologies, standards, and

techniques for the deployment of energy intelligence in edge computing, distributed computing, and centralized computing infrastructure. Topics covered include electronic cooling, stochastic data analysis, and energy consumption.

Mar 2023 389pp

9781668449745 Hardback £268.00 / €304.00



eBook available

EXPLORING FUTURE OPPORTUNITIES OF BRAIN-INSPIRED ARTIFICIAL INTELLIGENCE

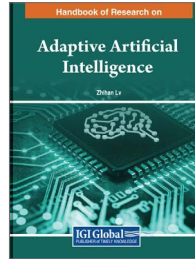
Edited by Madhulika Bhatia, Tanupriya Choudhury & Bhupesh Kumar Dewangan

Focuses on the convergence of AI with brain-inspired intelligence. The

book presents research on brain-inspired cognitive machines with vision, audition, language processing, and thinking capabilities. Topics covered include data analysis tools, knowledge representation, and super-resolution.

Mar 2023 315pp

9781668469804 Hardback £268.00 / €304.00



eBook available

HANDBOOK OF RESEARCH ON ADAPTIVE ARTIFICIAL INTELLIGENCE

Edited by Zhihan Lv

A comprehensive solution to the self-adaptation issues in AI systems. This book explores the latest concepts, technologies, and

applications of adaptive AI, equipping academic scholars and professionals with the necessary knowledge to overcome the challenges faced by traditional business logic transformed into model services.

Dec 2023 400pp

9798369302309 Hardback £415.00 / €473.00



eBook available

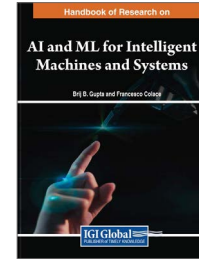
HANDBOOK OF RESEARCH ON ADVANCEMENTS IN AI AND IoT CONVERGENCE TECHNOLOGIES

Edited by Jingyuan Zhao et al

Considers recent advancements in AI and IoT convergence technologies with a focus on state-of-the-art approaches, methodologies, and systems for the design, development, deployment, and innovative use of those convergence technologies.

Sep 2023 415pp

9781668469712 Hardback £376.00 / €428.00



eBook available

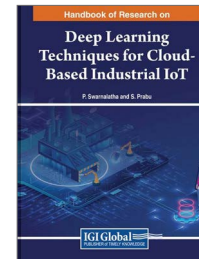
HANDBOOK OF RESEARCH ON AI AND ML FOR INTELLIGENT MACHINES AND SYSTEMS

Edited by Brij B. Gupta & Francesco Colace

A comprehensive exploration of the pivotal role played by artificial intelligence (AI) and machine learning (ML) technologies in the development of intelligent machines.

Nov 2023 400pp

9781668499993 Hardback £376.00 / €428.00



eBook available

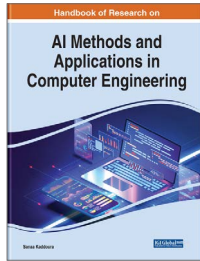
HANDBOOK OF RESEARCH ON DEEP LEARNING TECHNIQUES FOR CLOUD-BASED INDUSTRIAL IoT

Edited by P. Swarnalatha & S. Prabu

Demonstrates how the computer scientists and engineers might employ artificial intelligence in practical applications with the emerging cloud and IoT technologies. The book also gathers research works in emerging artificial intelligence methods and applications for processing and storing the data generated from the cloud-based internet of things.

Jul 2023 432pp

9781668480984 Hardback £332.00 / €377.00



eBook available

HANDBOOK OF RESEARCH ON AI METHODS AND APPLICATIONS IN COMPUTER ENGINEERING

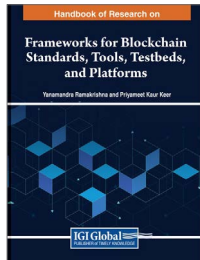
Edited by Sanaa Kaddoura

Illuminates how today's computer engineers and scientists can use AI in real-world applications. This

book focuses on a few current and emergent AI applications, allowing a more in-depth discussion of each topic.

Jan 2023 632pp

9781668469378 Hardback £332.00 / €377.00



eBook available

HANDBOOK OF RESEARCH ON FRAMEWORKS FOR BLOCKCHAIN STANDARDS, TOOLS, TESTBEDS, AND PLATFORMS

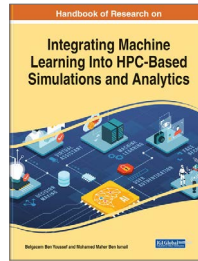
Edited by Yanamandra Ramakrishna & Priyameet Kaur Keer

Delves into the intricate world of

blockchain, offering a comprehensive exploration of its various dimensions.

Dec 2023 400pp

9798369304051 Hardback £357.00 / €405.00



eBook available

HANDBOOK OF RESEARCH ON INTEGRATING MACHINE LEARNING INTO HPC-BASED SIMULATIONS AND ANALYTICS

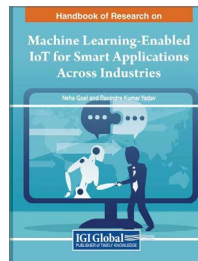
Edited by Belgacem Ben Youssef & Mohamed Maher Ben Ismail

Presents recent research efforts

in designing and using ML techniques on HPC systems, discusses some of the results achieved thus far by cutting-edge contributions, and highlights some of the ongoing research works in these two fields.

Sep 2023 400pp

9781668437957 Hardback £322.00 / €365.00



eBook available

HANDBOOK OF RESEARCH ON MACHINE LEARNING IN ENABLED IoT FOR SMART APPLICATIONS ACROSS INDUSTRIES

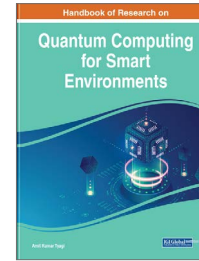
Edited by Neha Goel & Ravindra Kumar Yadav

Highlights the importance of ML

for IoT's success and diverse ML-powered IoT applications. This book addresses the problems and challenges in energy, industry, and healthcare and solutions proposed for ML-enabled IoT and new algorithms in ML.

Jul 2023 542pp

9781668487853 Hardback £342.00 / €388.00



eBook available

HANDBOOK OF RESEARCH ON QUANTUM COMPUTING FOR SMART ENVIRONMENTS

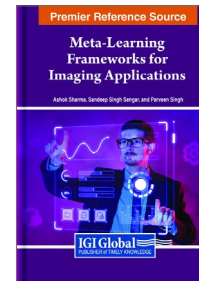
Edited by Amit Kumar Tyagi

Presents investigating physical realizations of quantum computers, encoders, and decoders,

including photonic quantum realization, cavity quantum electrodynamics, and many more topics on Bits to Qubits. Key topics covered include machine learning, software, quantum algorithms, and neural networks.

Mar 2023 400pp

9781668466971 Hardback £322.00 / €365.00



eBook available

META-LEARNING FRAMEWORKS FOR IMAGING APPLICATIONS

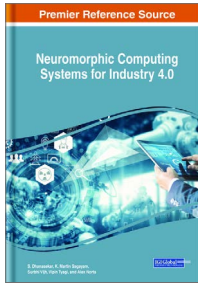
Edited by Ashok Sharma, Sandeep Singh Sengar & Parveen Singh

Presents an overview of the meta-learning framework, including common versions such as model-agnostic learning,

memory augmentation, prototype networks, and learning to optimize.

Oct 2023 300pp

9781668476598 Hardback £268.00 / €304.00



eBook available

NEUROMORPHIC COMPUTING SYSTEMS FOR INDUSTRY 4.0

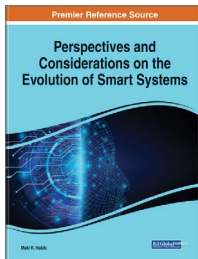
Edited by S. Dhanasekar et al

Explores the available literature in the field of neural computing-based microchip technology. The book provides further research opportunities in this dynamic field.

Topics covered include emotion recognition, biometric authentication, and neural network protection.

Jul 2023 377pp

9781668465967 Hardback £268.00 / €304.00



eBook available

PERSPECTIVES AND CONSIDERATIONS ON THE EVOLUTION OF SMART SYSTEMS

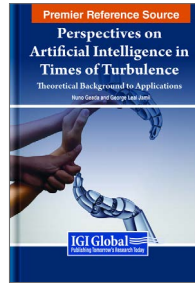
Edited by Maki K. Habib

Discusses the latest edge development that informs and facilitates the next level

of development. The book highlights how evolving technologies and techniques are going to impact the developments in fields like considering climate, environment, circular economy, and ecosystems.

Aug 2023 419pp

9781668476840 Hardback £322.00 / €366.00



eBook available

PERSPECTIVES ON ARTIFICIAL INTELLIGENCE IN TIMES OF TURBULENCE

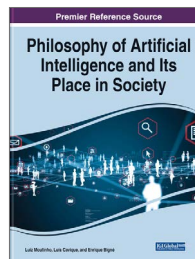
Theoretical Background to Applications

Edited by Nuno Geada & George Leal Jamil

Offers a comprehensive exploration of the intricate relationship between artificial intelligence and the ever-changing landscape of our society.

Jan 2024 320pp

9781668498149 Hardback £297.00 / €338.00



eBook available

PHILOSOPHY OF ARTIFICIAL INTELLIGENCE AND ITS PLACE IN SOCIETY

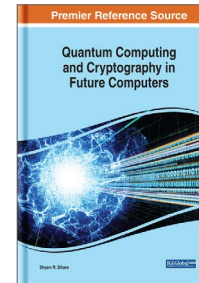
Edited by Luiz Moutinho, Luís Cavique & Enrique Bigné

Evaluates various aspects of artificial intelligence including the range of technologies, their advantages and

disadvantages, and how AI systems operate.

Sep 2023 320pp

9781668495919 Hardback £213.00 / €242.00



eBook available

QUANTUM COMPUTING AND CRYPTOGRAPHY IN FUTURE COMPUTERS

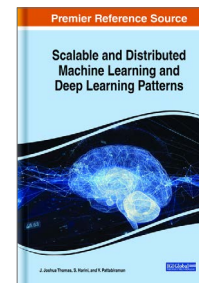
Edited by Bhawana Rudra

Provides a thorough background to quantum computing and quantum cryptography principles, as well as their impact on future computers.

The book covers the fundamentals of quantum computing and the role of quantum cryptography to overcome the issues of current security methods, and discusses applications of quantum computing.

Sep 2023 300pp

9781799895220 Hardback £268.00 / €304.00



eBook available

SCALABLE AND DISTRIBUTED MACHINE LEARNING AND DEEP LEARNING PATTERNS

Edited by J. Joshua Thomas, S. Harini & V. Pattabiraman

A practical guide that provides insights into how distributed machine learning can speed up the

training and serving of machine learning models, reduce time and costs, and address bottlenecks in the system during concurrent model training and inference.

Sep 2023 286pp

9781668498040 Hardback £268.00 / €304.00

 eBook available

STRUCTURAL AND FUNCTIONAL ASPECTS OF BIOCOMPUTING SYSTEMS FOR DATA PROCESSING

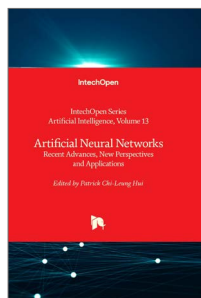
Edited by U. Vignesh, R. Parvathi & Ricardo Goncalves

Offers insight into the structural and functional aspects of biological sequences and the pattern recognition they embed into the data processing concepts, methodologies, and empirical research advances of various biological data mining systems through machine learning approaches.

Feb 2023 315pp

9781668465233 Hardback £268.00 / €304.00

IntechOpen



ARTIFICIAL NEURAL NETWORKS

Recent Advances, New Perspectives and Applications

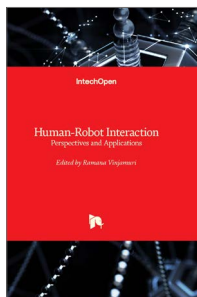
Edited by Patrick Chi Leung Hui
Artificial Intelligence, Vol. 13

Examines artificial neural networks (ANNs) and their applications in various fields. Chapters address

ANNs and deep learning techniques for real-world applications in healthcare, materials processing, energy management, and more.

Jan 2023 154pp

9781837699940 Hardback £119.00 / €147.00



HUMAN-ROBOT INTERACTION

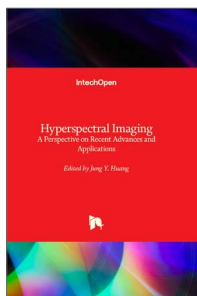
Perspectives and Applications

Edited by Ramana Vinjamuri

Highlights the latest developments and obstacles in the field of human-machine interaction, including collaborative and humanoid robots, symbiosis between humans and robots, human-human collaboration, and robotics.

May 2023 226pp

9781803564104 Hardback £119.00 / €147.00



HYPERSPECTRAL IMAGING

A Perspective on Recent Advances and Applications

Edited by Jung Y. Huang

Preprocessing Hyperspectral Imaging data and objectively retrieving meaningful information from high-dimensional data cubes present a number of challenging issues. This book offers a glimpse of the status of machine- and deep-learning methodological development, seeking to meet the challenge of new hyperspectral imaging applications.

May 2023 130pp

9781839690938 Hardback £119.00 / €147.00

INTELLIGENT VIDEO SURVEILLANCE

New Perspectives

Edited by Pier Luigi Mazzeo

The development of new technologies based on artificial intelligence and computer vision, together with the possibility of connecting different devices together in real-time, has enabled the development and progress of intelligent video surveillance. Thanks to IoT technologies, high-resolution cameras can be networked to monitor their territory, collect recordings and have them analyzed by artificial intelligence systems trained to identify critical situations. This book discusses new achievements in intelligent video surveillance solutions and their future prospects.

Feb 2023 176pp

9781803563411 Hardback £119.00 / €147.00



LATEST ADVANCES AND NEW VISIONS OF ONTOLOGY IN INFORMATION SCIENCE

Edited by Morteza SaberiKamarposhti & Mahdi Sahlabadi

Presents the latest advances and new visions in the field of ontology in information science.

Jun 2023 138pp

9781803569178 Hardback £119.00 / €147.00



MULTI-AGENT TECHNOLOGIES AND MACHINE LEARNING

Edited by Igor A. Sheremet

Artificial Intelligence, Vol. 14

Discusses multi-agent technologies (MATs) and machine learning (ML). These tools can be integrated and applied in industry, commerce, energy, medicine, psychology, and other areas. This volume consists

of six chapters in three sections that discuss the integration, applications, and advanced results of MATs and ML.

Jan 2023 132pp

9781803564432 Hardback £119.00 / €147.00

SWARM INTELLIGENCE

Recent Advances and Current Applications

Edited by Marco Antonio Aceves-Fernández

Artificial Intelligence, Vol. 15

Artificial intelligence has attracted the attention of many and is taking an increasingly crucial role in our modern society. AI machines demonstrate advanced cognitive skills in making decisions, learning, perceiving the environment, predicting certain behavior, and processing written or spoken languages, among other skills. In tandem with AI, "swarm intelligence" is being used to solve complex problems that are beyond the reasoning and problem-solving abilities of humans. This book discusses both AI and swarm intelligence, including their theoretical backgrounds and applications.

Feb 2023 196pp

9781837680863 Hardback £119.00 / €147.00

Now Publishers

APPROXIMATE DEGREE IN CLASSICAL AND QUANTUM COMPUTING

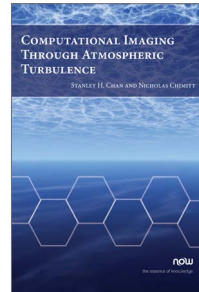
Mark Bun & Justin Thaler

Foundations and Trends® in Theoretical Computer Science

Covers recent progress on proving approximate degree lower and upper bounds and describes some applications of the new bounds to oracle separations, quantum query and communication complexity, and circuit complexity.

Jan 2023 212pp

9781638281405 Paperback £85.00 / €97.00



COMPUTATIONAL IMAGING THROUGH ATMOSPHERIC TURBULENCE

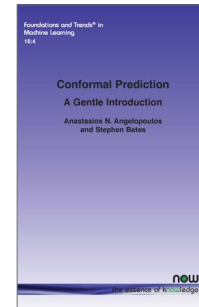
Stanley H. Chan & Nicholas Chiritt

Present the basic concepts of turbulence physics while accomplishing the goal of image reconstruction. Starting with an exploration of optical modeling and computational imaging, the book

then discusses the essential optical foundations required for the subsequent chapters.

Nov 2023 250pp

9781638281702 Hardback £85.00 / €97.00



CONFORMAL PREDICTION A Gentle Introduction

Anastasios N. Angelopoulos & Stephen Bates

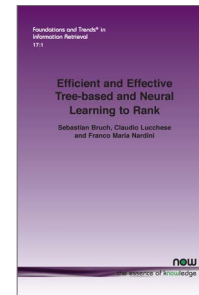
Foundations and Trends® in Machine Learning

In this hands-on introduction the authors provide the reader with a working understanding of conformal prediction and related distribution-free uncertainty

quantification techniques. They lead the reader through practical theory and examples of conformal prediction and describe its extensions to complex machine learning tasks.

Mar 2023 114pp

9781638281580 Paperback £69.00 / €78.00



EFFICIENT AND EFFECTIVE TREE-BASED AND NEURAL LEARNING TO RANK

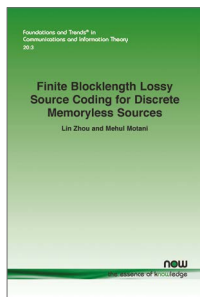
Sebastian Bruch, Claudio Lucchese & Franco Maria Nardini

Foundations and Trends® in Information Retrieval

Promotes the study of efficiency in the era of neural information retrieval by offering a comprehensive survey of the literature on efficiency and effectiveness in ranking and retrieval.

May 2023 136pp

9781638281986 Paperback £77.00 / €88.00



FINITE BLOCKLENGTH LOSSY SOURCE CODING FOR DISCRETE MEMORYLESS SOURCES

Lin Zhou & Mehul Motani

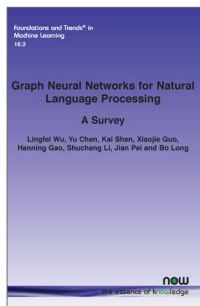
Foundations and Trends® in Communications and Information Theory

Provides a comprehensive review of recent advances in second-order

asymptotics for lossy source coding. This self-contained, complete review of a topic at the heart of 5G technology is essential reading for all students, researchers and designers of modern day communication systems.

Jun 2023 254pp

9781638281825 Paperback £85.00 / €97.00



GRAPH NEURAL NETWORKS FOR NATURAL LANGUAGE PROCESSING

A Survey

Lingfei Wu et al

Foundations and Trends® in Machine Learning

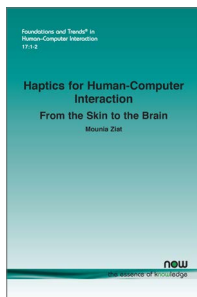
Presents a comprehensive overview on Graph Neural Networks (GNNs) for Natural Language Processing.

The authors propose a new

taxonomy of GNNs for NLP, which systematically organizes existing research of GNNs for NLP along three axes: graph construction, graph representation learning, and graph based encoder-decoder models.

Jan 2023 224pp

9781638281429 Paperback £85.00 / €97.00



HAPTICS FOR HUMAN-COMPUTER INTERACTION

From the Skin to the Brain

Mounia Ziat

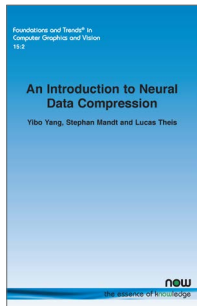
Foundations and Trends® in Human-Computer Interaction

Presents a selected review of research in haptics to provide Human-Computer Interactions and

other fields a framework for understanding haptics that will help design better interfaces and, ultimately, new and better experiences for those who interact with technology every day.

Mar 2023 214pp

9781638281467 Paperback £85.00 / €97.00



AN INTRODUCTION TO NEURAL DATA COMPRESSION

Yibo Yang, Stephan Mandt & Lucas Theis

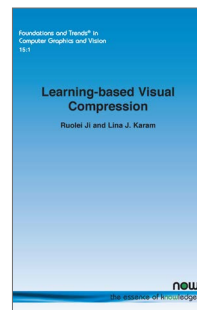
Foundations and Trends® in Computer Graphics and Vision

Serves as an entry point for machine learning researchers interested in compression by reviewing the prerequisite background and

representative methods in neural compression.

Apr 2023 100pp

9781638281740 Paperback £64.00 / €74.00



LEARNING-BASED VISUAL COMPRESSION

Ruolei Ji & Lina J. Karam

Foundations and Trends® in Computer Graphics and Vision

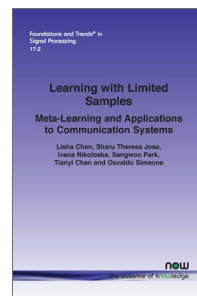
Provides a review of various visual compression algorithms, both end-to-end learning-based image compression approaches and hybrid image compression approaches.

Some learning-based video

compression methods are also discussed.

Jan 2023 124pp

9781638281122 Paperback £73.00 / €83.00



LEARNING WITH LIMITED SAMPLES

Meta-Learning and Applications to Communication Systems

Lisha Chen et al

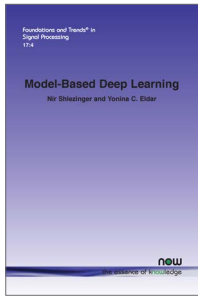
Foundations and Trends® in Signal Processing

Provides an introduction to meta-learning by covering principles,

algorithms, theory, and engineering applications. After introducing meta-learning in comparison with conventional and joint learning, the main meta-learning algorithms are described, as well as a general bi-level optimization framework for the definition of meta-learning techniques.

Jan 2023 144pp

9781638281368 Paperback £80.00 / €93.00



MODEL-BASED DEEP LEARNING

Nir Shlezinger & Yonina C. Eldar

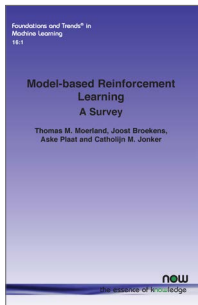
Foundations and Trends® in Signal Processing

Provides a tutorial style presentation of model-based deep learning methodologies. These are families of algorithms that combine principled mathematical models

with data-driven systems to benefit from the advantages of both approaches.

Aug 2023 138pp

9781638282648 Paperback £77.00 / €88.00



MODEL-BASED REINFORCEMENT LEARNING

A Survey

Thomas M. Moerland et al

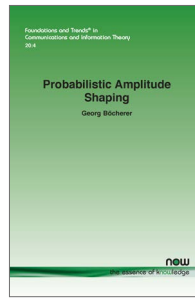
Foundations and Trends® in Machine Learning

Sequential decision making, commonly formalized as Markov Decision Process optimization, is an important challenge in

artificial intelligence. Two key approaches to this problem are reinforcement learning and planning. This monograph surveys an integration of both fields, better known as model-based reinforcement learning.

Jan 2023 130pp

9781638280569 Paperback £77.00 / €88.00



PROBABILISTIC AMPLITUDE SHAPING

Georg Böcherer

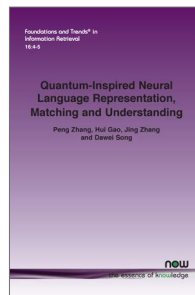
Foundations and Trends® in Communications and Information Theory

Written by one of the inventors of Probabilistic Amplitude Shaping, this monograph contains a wealth of insights into the theory and

practical implementation of the technique in modern communication systems. This is a must read for engineers and students of communications.

Jun 2023 136pp

9781638281788 Paperback £77.00 / €88.00



QUANTUM-INSPIRED NEURAL LANGUAGE REPRESENTATION, MATCHING AND UNDERSTANDING

Peng Zhang et al

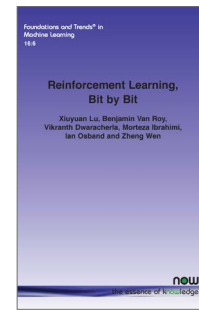
Foundations and Trends® in Information Retrieval

Provides a systematic introduction to quantum-inspired neural

information retrieval, including quantum-inspired neural language representation, matching and understanding.

Apr 2023 212pp

9781638282044 Paperback £85.00 / €97.00



REINFORCEMENT LEARNING, BIT BY BIT

Xiuyuan Lu et al

Foundations and Trends® in Machine Learning

Sheds light on questions of what information to seek, how to seek that information, and what information to retain. To illustrate the concepts, the authors design simple agents that build

on them and present computational results that highlight data efficiency.

Jul 2023 150pp

9781638282549 Paperback £85.00 / €97.00

SIGNAL DECOMPOSITION USING MASKED PROXIMAL OPERATORS

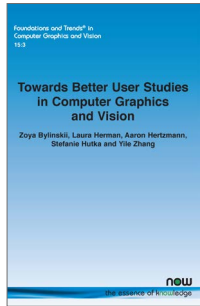
Bennet E. Meyers & Stephen P. Boyd

Foundations and Trends® in Signal Processing

Covers the problem of decomposing a vector time series signal into components with different characteristics, such as smooth, periodic, nonnegative, or sparse. A general framework in which the components are defined by loss functions, and the signal decomposition is carried out by minimizing the sum of losses of the components is included.

Jan 2023 92pp

9781638281023 Paperback £60.00 / €69.00



TOWARDS BETTER USER STUDIES IN COMPUTER GRAPHICS AND VISION

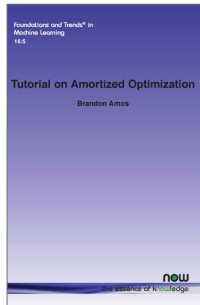
Zoya Bylinskii et al

Foundations and Trends® in Computer Graphics and Vision

Offers an overview of methodologies from user experience research (UXR), human-computer interaction (HCI), and applied perception to increase exposure to the available methodologies and best practices. Foundational user research methods are included that are presently underutilized in computer vision and graphics research.

May 2023 64pp

9781638281726 Paperback £46.95 / €54.00



TUTORIAL ON AMORTIZED OPTIMIZATION

Brandon Amos

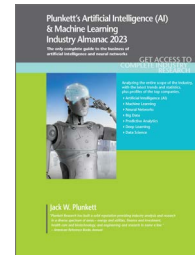
Foundations and Trends® in Machine Learning

Presents an introduction to the amortized optimization foundations and overviews applications in variational inference, sparse coding, gradient-based meta-learning, control, reinforcement learning, convex optimization, optimal transport, and deep equilibrium networks.

Jun 2023 156pp

9781638282082 Paperback £85.00 / €97.00

Plunkett Research, Ltd.



PLUNKETT'S ARTIFICIAL INTELLIGENCE (AI) & MACHINE LEARNING INDUSTRY ALMANAC 2023

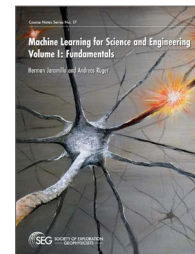
Jack W. Plunkett

Includes complete details on the innovative, disruptive technologies based on artificial intelligence and machine learning, plus Plunkett's analysis of the practical applications of AI that will lead to exciting new products and services over the mid-term. This reference tool includes statistical tables and thorough market discussions.

Jan 2023 558pp

9781628316407 Paperback £340.00 / €395.00

Society of Exploration Geophysicists (SEG)



MACHINE LEARNING FOR SCIENCE AND ENGINEERING

Volume I: Fundamentals

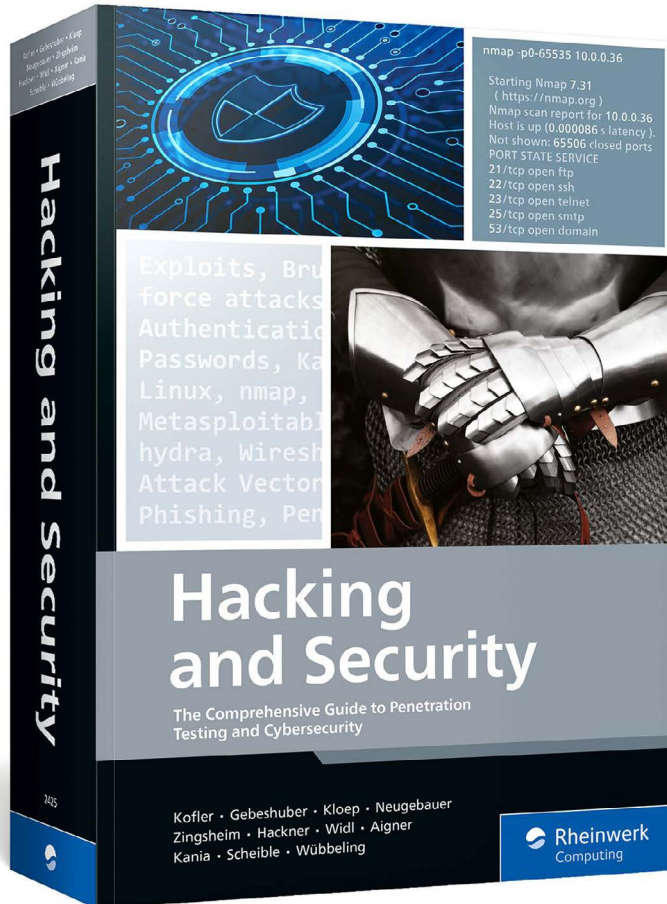
Herman Jaramillo & Andreas Rüger

Course Notes

Teaches the underlying mathematics, terminology, and programmatic skills to implement, test, and apply machine learning (ML) to real-world problems. The book builds the mathematical pillars required to comprehend and master modern ML concepts and translates the newly gained mathematical understanding into better applied data science.

May 2023 408pp

9781560803881 Paperback £89.00 / €100.00



HACKING AND SECURITY

The Comprehensive Guide to Penetration Testing and Cybersecurity

Michael Kofler et al

Uncover security vulnerabilities and harden your system against attacks! With this guide you'll learn to set up a virtual learning environment where you can test out hacking tools, from Kali Linux to hydra and Wireshark. Then expand your understanding of offline hacking, external safety checks, penetration testing in networks, and other essential security techniques, with step-by-step instructions. With information on mobile, cloud, and IoT security you can fortify your system against any threat!

- Understand IT system vulnerabilities and identify attack vectors.
- Learn to secure multiple infrastructures, including Linux, Microsoft Windows, cloud, and mobile.
- Master pen testing with tools like Metasploit, Kali Linux, hydra, Open-VAS, Empire, Pwnagotchi, and more.

Sep 2023 1204pp

9781493224258 Paperback £65.00 / €73.00



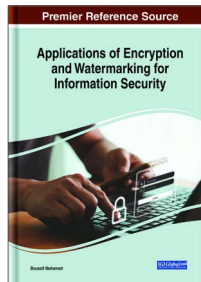
IGI Global

 eBook available**APPLICATIONS OF DATA SCIENCE AND CYBERSECURITY INNOVATIONS IN INDUSTRY 4.0 TECHNOLOGIES***Edited by Thangavel M & Nirmala E*

Discusses the technological foundations of cybersecurity and data science within the scope of the I4.0, landscape and details the existing cybersecurity and data science innovations with I4.0 applications, as well as state-of-the-art solutions with regard to both academic research and practical implementations.

Jun 2023 360pp

9781668481462 Paperback £188.00 / €214.00

 eBook available**APPLICATIONS OF ENCRYPTION AND WATERMARKING FOR INFORMATION SECURITY***Edited by Boussif Mohamed*

Provides relevant theoretical frameworks and the latest empirical research findings in the domains of security and privacy. The book is for

professionals who want to improve their understanding of the strategic role of trust at different levels of information security, that is, trust at the level of cryptography and watermarking.

Mar 2023 245pp

9781668449455 Hardback £238.00 / €270.00

 eBook available**CYBERSECURITY ISSUES AND CHALLENGES IN THE DRONE INDUSTRY***Imdad Ali Shah & Noor Zaman Jhanjhi*

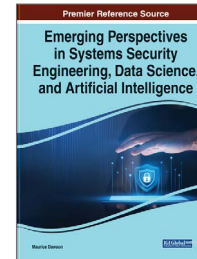
A comprehensive exploration of the critical cybersecurity problems faced by the rapidly expanding drone industry. With the widespread adoption of drones in military, commercial, and recreational sectors, the need to address cybersecurity concerns has become increasingly urgent.

Jan 2024 300pp

9798369307748 Hardback £273.00 / €310.00

**eBooks**

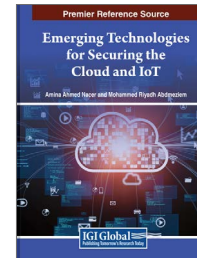
For more information on eBook title availability, please contact

ebooks@eurospan.co.uk eBook available**EMERGING PERSPECTIVES IN SYSTEMS SECURITY ENGINEERING, DATA SCIENCE, AND ARTIFICIAL INTELLIGENCE***Edited by Maurice Dawson*

Addresses emerging perspectives in systems security engineering, data science, and AI. The book covers a range of topics, including business resilience, IoT malware detection, and supply chain cyber security.

Sep 2023 315pp

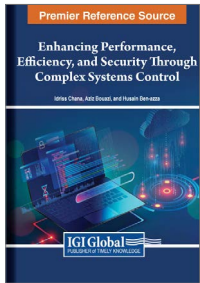
9781668463253 Hardback £248.00 / €282.00

 eBook available**EMERGING TECHNOLOGIES FOR SECURING THE CLOUD AND IOT***Edited by Amina Ahmed Nacer & Mohammed Riyadh Abdmeziem*

A comprehensive and timely solution for the multifaceted security challenges presented by these revolutionary technologies.

Feb 2024 320pp

9798369307663 Hardback £273.00 / €310.00



eBook available

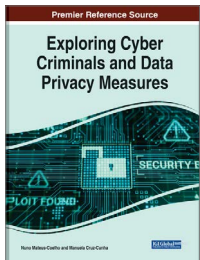
ENHANCING PERFORMANCE, EFFICIENCY, AND SECURITY THROUGH COMPLEX SYSTEMS CONTROL

Edited by Idriss Chana, Aziz Bouazi & Husain Ben-azza

A curated collection of scientific articles written in the form of chapters. Each chapter delves into various multidisciplinary themes, encompassing computer science, artificial intelligence applications, electrical engineering, and modeling and control systems.

Dec 2023 300pp

9798369304976 Hardback £297.00 / €338.00



eBook available

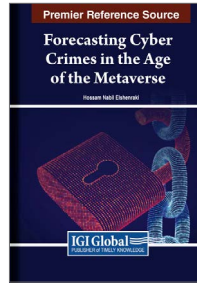
EXPLORING CYBER CRIMINALS AND DATA PRIVACY MEASURES

Edited by Nuno Mateus-Coelho & Manuela Cruz-Cunha

Collects cutting-edge research on information security, cybercriminals, and data privacy. This book proposes unique strategies for safeguarding and preserving digital information using realistic examples and case studies.

Sep 2023 300pp

9781668484227 Hardback £273.00 / €310.00



eBook available

FORECASTING CYBER CRIMES IN THE AGE OF THE METAVERSE

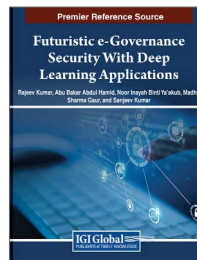
Edited by Hossam Nabil Elshenraki

As the metaverse rapidly evolves, a comprehensive examination of the emerging threats and challenges is imperative. In the groundbreaking exploration within *Forecasting*

Cyber Crimes in the Age of the Metaverse, the intersection of technology, crime, and law enforcement is investigated, and it provides valuable insights into the potential risks and strategies for combating cybercrimes in the metaverse.

Dec 2023 300pp

9798369302200 Hardback £248.00 / €282.00



eBook available

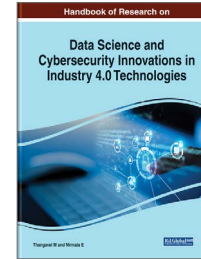
FUTURISTIC e-GOVERNANCE SECURITY WITH DEEP LEARNING APPLICATIONS

Edited by Rajeev Kumar et al

A timely and indispensable resource that offers a holistic approach to tackling the security challenges of the digital era.

Dec 2023 320pp

9781668495964 Hardback £273.00 / €310.00



eBook available

HANDBOOK OF RESEARCH ON DATA SCIENCE AND CYBERSECURITY INNOVATIONS IN INDUSTRY 4.0 TECHNOLOGIES

Edited by Thangavel M & Nirmala E

Discusses the technological foundations of cybersecurity and data science within the scope of the I4.0, landscape and details the existing cybersecurity and data science innovations with I4.0 applications, as well as state-of-the-art solutions with regard to both academic research and practical implementations.

Sep 2023 600pp

9781668481455 Hardback £322.00 / €366.00

eBook available

INFORMATION SECURITY AND PRIVACY IN SMART DEVICES

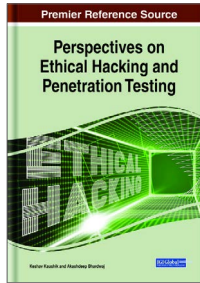
Tools, Methods, and Applications

Edited by Carlos Rabadão, Leonel Santos & Rogério Luís de Carvalho Costa

Presents research challenges, innovative insights, and trends related to solutions, methods, processes, and applications for maintaining information security and privacy in intelligent environments. Topics covered include information retrieval methods, electronic health records, and misinformation detection.

Apr 2023 328pp

9781668459911 Hardback £248.00 / €282.00



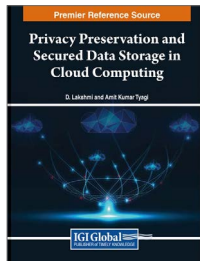
 eBook available

PERSPECTIVES ON ETHICAL HACKING AND PENETRATION TESTING

Edited by Keshav Kaushik & Akashdeep Bhardwaj

Familiarizes readers with in-depth and professional hacking and vulnerability scanning subjects. The book discusses each of the processes and tools systematically and logically so that the reader can see how the data from each tool may be fully exploited in the penetration test's succeeding stages.

Sep 2023 300pp
9781668482186 Hardback £223.00 / €254.00



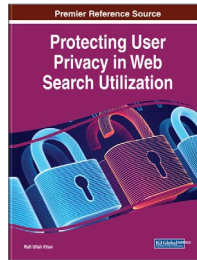
 eBook available

PRIVACY PRESERVATION AND SECURED DATA STORAGE IN CLOUD COMPUTING

Edited by Lakshmi D & Amit Kumar Tyagi

As cloud services become increasingly popular, safeguarding sensitive data has become paramount. *Privacy Preservation and Secured Data Storage in Cloud Computing* is a comprehensive book that addresses the critical concerns surrounding privacy and security in the realm of cloud computing.

Jan 2024 360pp
9798369305935 Hardback £263.00 / €298.00



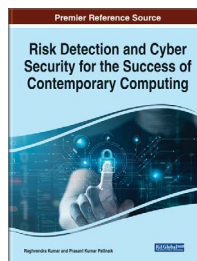
 eBook available

PROTECTING USER PRIVACY IN WEB SEARCH UTILIZATION

Edited by Rafi Ullah Khan

Presents both multidisciplinary and interdisciplinary works on questions related to experiences and phenomena that can or could be covered by concepts regarding the protection and privacy of web service users. The book further highlights the importance of web search privacy and educates about recent developments in the field.

Apr 2023 336pp
9781668469149 Hardback £238.00 / €270.00



 eBook available

RISK DETECTION AND CYBER SECURITY FOR THE SUCCESS OF CONTEMPORARY COMPUTING

Edited by Raghvendra Kumar & Prasant Kumar Pattnaik

Presents the newest findings with technological advances that can be utilized for more effective prevention techniques to protect against cyber threats.

Sep 2023 400pp
9781668493175 Hardback £223.00 / €254.00

IntechOpen



MALWARE Detection and Defense

Edited by Eduard Babulak

Cyber security providers are facing a continuous stream of new, sophisticated cyberattacks on cyber critical infrastructures worldwide. These cyberattacks are often triggered by malware and ransomware. This book presents a collection of selected papers addressing malware detection, which is necessary to create reliable and resilient cyber and computer security mechanisms.

Feb 2023 110pp
9781837684441 Hardback £119.00 / €147.00

International Atomic Energy Agency

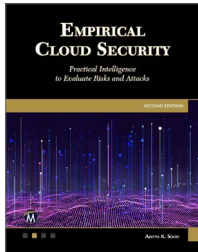
COMPUTER SECURITY APPROACHES TO REDUCE CYBER RISKS IN THE NUCLEAR SUPPLY CHAIN

IAEA

Assists Member States in raising awareness of cyber risks in the nuclear supply chain and help to identify critical issues and mitigation techniques. The aim is to reduce the supply chain attack surface by providing information, good practices, and mitigation techniques through all phases of the supply chain.

Aug 2023 130pp, 21 illustrations
9789201469229 Paperback £16.50 / €18.00

Mercury Learning and Information



EMPIRICAL CLOUD SECURITY

Practical Intelligence to Evaluate Risks and Attacks, Second Edition

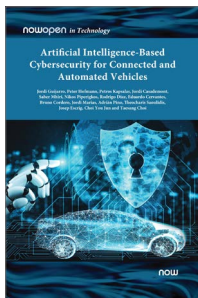
Aditya K. Sood

Covers practical strategies for assessing the security and privacy of your cloud infrastructure and applications and shows how to make your cloud infrastructure secure to combat threats, attacks, and prevent data breaches.

Jun 2023 462pp

9781501521393 Paperback £52.00 / €59.00

Now Publishers



ARTIFICIAL INTELLIGENCE-BASED CYBERSECURITY FOR CONNECTED AND AUTOMATED VEHICLES

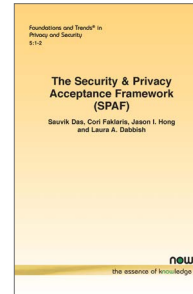
Jordi Guijarro, Saber Mhiri & You-Jun Choi

NowOpen in Technology

Connected vehicles will soon become a reality on our roads, bringing along new services and capabilities, but also technical challenges and security threats. To overcome these risks, the CAMEL project has developed several anti-hacking solutions for the new generation of vehicles.

Jan 2023 166pp

9781638280606 Hardback £107.00 / €122.00



THE SECURITY & PRIVACY ACCEPTANCE FRAMEWORK (SPAF)

Sauvik Das et al

Foundations and Trends® in Privacy and Security

How can end-users be encouraged to accept recommended Cybersecurity and Privacy (S&P) behavior from experts? In this monograph, prior art in human-centered S&P is reviewed, and three barriers to end-user acceptance of expert recommendations are identified.

Jan 2023 158pp

9781638281184 Paperback £85.00 / €97.00

Plunkett Research, Ltd.



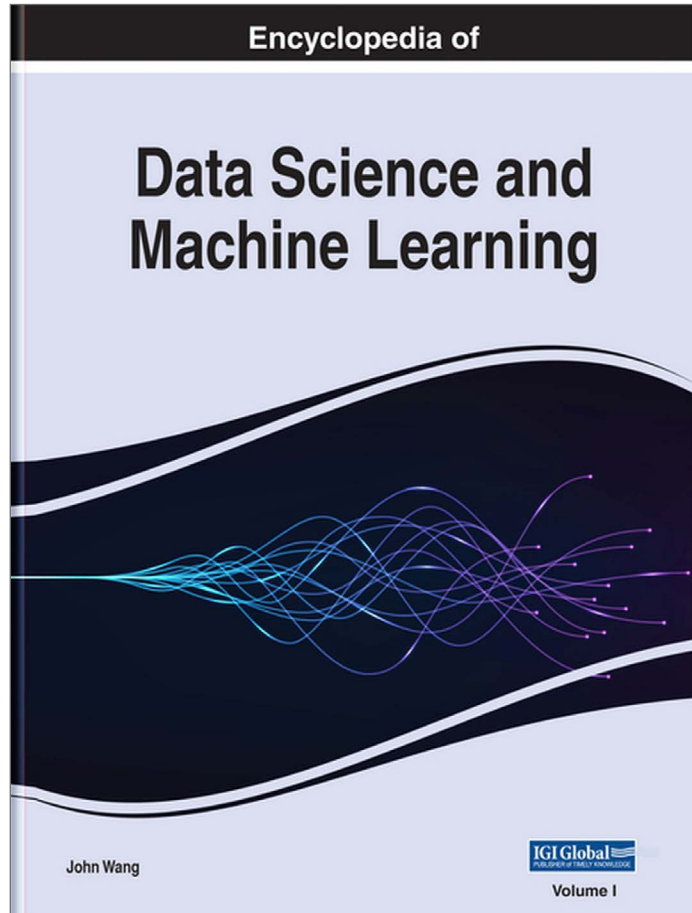
PLUNKETT'S CYBERSECURITY, DIGITAL ID & ONLINE FRAUD INDUSTRY ALMANAC 2023

Jack W. Plunkett

The ability to make both individuals and consumers more secure online and on computer networks is a crying need worldwide, fueled by massive movement of activities to online methods, development of new digital security technologies, and the ability of cybercriminals, hackers and fraudsters to outsmart defensive maneuvers.

May 2023 246pp

9781628316346 Paperback £340.00 / €395.00



 eBook available

ENCYCLOPEDIA OF DATA SCIENCE AND MACHINE LEARNING

Edited by John Wang

Big data and machine learning are driving the Fourth Industrial Revolution. With the age of big data upon us, we risk drowning in a flood of digital data. Big data has now become a critical part of both the business world and daily life, as the synthesis and synergy of machine learning and big data has enormous potential. Big data and machine learning are projected to not only maximize citizen wealth, but also promote societal health. As big data continues to evolve and the demand for professionals in the field increases, access to the most current information about the concepts, issues, trends, and technologies in this interdisciplinary area is needed.

The *Encyclopedia of Data Science and Machine Learning* examines current, state-of-the-art research in the areas of data science, machine learning, data mining, and more. It provides an international forum for experts within these fields to advance the knowledge and practice in all facets of big data and machine learning, emphasizing emerging theories, principals, models, processes, and applications to inspire and circulate innovative findings into research, business, and communities.

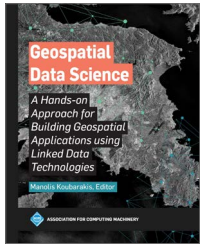
Covering topics such as benefit management, recommendation system analysis, and global software development, this expansive reference provides a dynamic resource for data scientists, data analysts, computer scientists, technical managers, corporate executives, students and educators of higher education, government officials, researchers, and academicians.

Oct 2023 3,143pp, 5 Volumes

9781799892205 Hardback £3,950.00 / €4,550.00



ACM Books



GEOSPATIAL DATA SCIENCE
A Hands-on Approach for Building Geospatial Applications using Linked Data Technologies

Edited by Manolis Koubarakis

Teaches the simple development of geospatial applications based on the principles and software tools

of geospatial data science. This book introduces geospatial technologies that have emerged from the development of the Semantic Web and the linked data paradigm, and shows how data scientists can use them to build environmental applications easily.

Jun 2023 364pp
 9798400707384 Paperback £49.95 / €57.00
 9798400707407 Hardback £70.00 / €79.00

Business Expert Press

LET'S MEET BLOCKCHAIN
Technology Changing for Work, Creating, and Playing
 Sylvain Metz

Offers a look into the new world of blockchain, a new technology that will change the way people interact online and conduct business. With examples of how this technology is being used today, it outlines the hurdles, including legal challenges, it must overcome to be viable.

Dec 2023 265pp
 9781637425350 Paperback £32.95 / €38.00

IGI Global



APPLYING AI-BASED IoT SYSTEMS TO SIMULATION-BASED INFORMATION RETRIEVAL

Edited by Bhatia Madhulika et al

Presents frameworks and the latest empirical research findings in the area. The book is ideal for

professionals who wish to improve their understanding of the strategic role of trust at different levels of the information and knowledge society, and covers topics such as blockchain visualization, computer-aided drug discovery, and health monitoring.

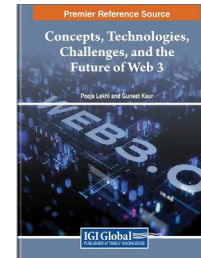
May 2023 229pp
 9781668452554 Hardback £268.00 / €304.00

BIO-INSPIRED OPTIMIZATION TECHNIQUES IN BLOCKCHAIN SYSTEMS

Edited by U. Vignesh, Manikandan M. & Ruchi Doshi

A meticulously curated book designed to confront the heart of an issue which has stymied researchers and academicians alike, which is data integrity and ownership in the bioinformatics and blockchain technology fields.

Feb 2024 300pp
 9798369311318 Hardback £297.00 / €338.00



CONCEPTS, TECHNOLOGIES, CHALLENGES, AND THE FUTURE OF WEB 3

Edited by Pooja Lekhi & Guneet Kaur

Delves into the concepts of decentralization, trustlessness, and interoperability and explores

the challenges of Web3, including scalability, security, and regulatory compliance. It examines the current and potential future use cases of Web3, such as decentralized finance, supply chain management, identity verification, and decentralized social networks.

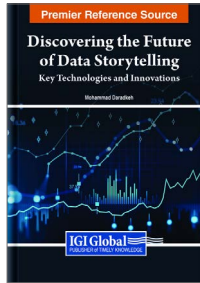
Oct 2023 350pp
 9781668499191 Hardback £357.00 / €405.00

DATA ENVELOPMENT ANALYSIS (DEA) METHODS FOR MAXIMIZING EFFICIENCY

Edited by Adeyemi Abel Ajibesin & Narasimha Rao Vajjhala

Presents a systematic overview of DEA models and techniques, from fundamental concepts to advanced methods, showcasing their practical applications through real-world examples and case studies.

Dec 2023 330pp
 9798369302552 Hardback £248.00 / €282.00



 eBook available

DISCOVERING THE FUTURE OF DATA STORYTELLING

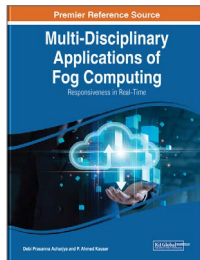
Key Technologies and Innovations

Edited by Mohammad Daradkeh

A comprehensive guide to the emerging field of data storytelling and its applications in business analytics.

Nov 2023 300pp

9781668494417 Hardback £268.00 / €304.00



 eBook available

MULTI-DISCIPLINARY APPLICATIONS OF FOG COMPUTING

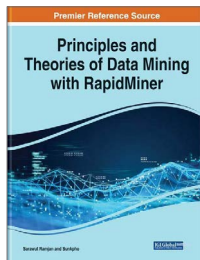
Responsiveness in Real-Time

Edited by Debi Prasanna Acharya & P. Ahmed Kauser

The objective of this edited book is to provide researchers with recent advances in the fields of data analysis processing through fog computing, which are required to achieve in-depth knowledge in the field of concerned to solve problems in real-time applications.

Aug 2023 280pp

9781668444665 Hardback £268.00 / €304.00



 eBook available

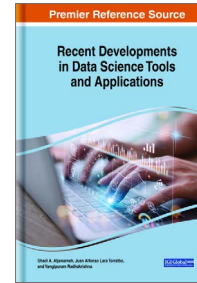
PRINCIPLES AND THEORIES OF DATA MINING WITH RAPIDMINER

Sarawut Ramjan

A comprehensive guide for students and individuals interested in experimenting with data mining using RapidMiner software.

Aug 2023 319pp

9781668447307 Hardback £253.00 / €287.00



 eBook available

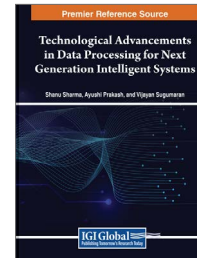
RECENT DEVELOPMENTS IN DATA SCIENCE TOOLS AND APPLICATIONS

Edited by Shadi A. Aljawarneh, Juan Alfonso Lara Torralbo & Vangipuram Radhakrishna

Presents the data science journey from theory and concepts, methods, techniques, tools, and recent trends in data science technologies. The book highlights the comparison among the existing techniques of various problems in data analytics, visualization, and other related fields.

Sep 2023 300pp

9781668462096 Hardback £263.00 / €298.00



 eBook available

TECHNOLOGICAL ADVANCEMENTS IN DATA PROCESSING FOR NEXT GENERATION INTELLIGENT SYSTEMS

Edited by Shanu Sharma, Ayushi Prakash & Vijayan Sugumaran

Presents an in-depth exploration of cutting-edge data processing technologies that drive the development of next-generation intelligent systems in the context of the digital transformation era.

Feb 2024 320pp

9798369309681 Hardback £297.00 / €338.00

IntechOpen



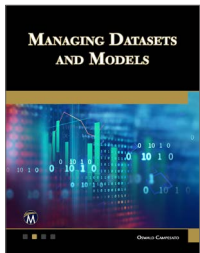
DATA INTEGRITY AND DATA GOVERNANCE

Edited by B. Santhosh Kumar

Provides a comprehensive overview of data integrity and data governance and their myriad applications.

Apr 2023 132pp
9781839688621 Hardback £119.00 / £147.00

Mercury Learning and Information



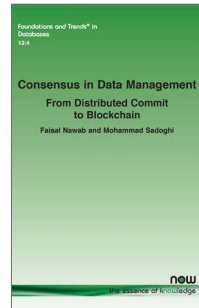
MANAGING DATASETS AND MODELS

Oswald Campesato

Offers a fast-paced introduction to data-related tasks in preparation for training models on datasets. The book presents a step-by-step, Python-based code sample that uses the kNN algorithm to manage a model on a dataset.

Mar 2023 368pp
9781683929529 Paperback £46.95 / €54.00

Now Publishers



CONSENSUS IN DATA MANAGEMENT From Distributed Commit to Blockchain

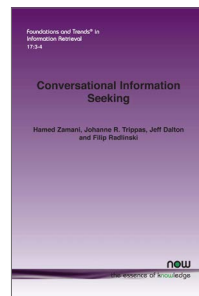
Faisal Nawab & Mohammad Sadoghi

Foundations and Trends® in Databases

Provides a foundation for the reader to understand the use of consensus protocols in data management systems and aims to empower

data management researchers and practitioners to pursue work that utilizes and innovates consensus for their data management applications.

Mar 2023 158pp
9781638281603 Paperback £85.00 / €97.00



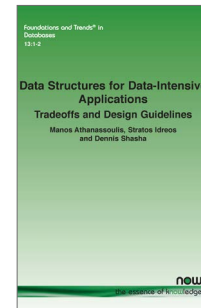
CONVERSATIONAL INFORMATION SEEKING

Hamed Zamani et al

Foundations and Trends® in Information Retrieval

Provides an overview of past research related to CIS, introduces the current state-of-the-art in CIS, highlights the challenges still being faced in the community, and suggests future directions.

Aug 2023 232pp
9781638282006 Paperback £85.00 / €97.00



DATA STRUCTURES FOR DATA-INTENSIVE APPLICATIONS

Tradeoffs and Design Guidelines

Manos Athanassoulis, Stratos Idreos & Dennis Shasha

Foundations and Trends® in Databases

Explains the space of data structure design choices, how to select the

appropriate data structure depending on the goals and workload of an application at hand, and how the ever-evolving hardware and data properties require innovations in data structure design.

Jul 2023 182pp
9781638281849 Paperback £85.00 / €97.00

MULTIDIMENSIONAL ARRAY DATA MANAGEMENT

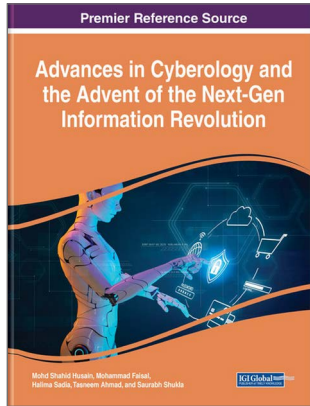
Florin Rusu

Foundations and Trends® in Databases

Provides a comprehensive guide for past, present, and future research in array data management from a database perspective. Unlike previous surveys that are limited to raster processing in the context of scientific data, this survey considers all types of arrays: rasters, data cubes, and tensors.

Feb 2023 164pp
9781638281481 Paperback £85.00 / €97.00

IGI Global



 eBook available

ADVANCES IN CYBEROLOGY AND THE ADVENT OF THE NEXT-GEN INFORMATION REVOLUTION

Edited by Mohd Shahid Husain et al

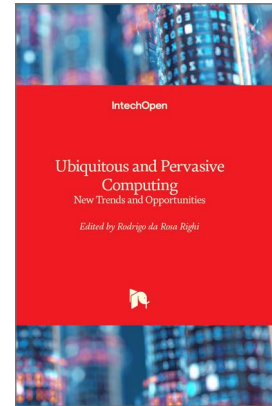
The past decade has witnessed a leap in the cyber revolution around the world. Significant progress has been made across a broad spectrum of terminologies used in the cyber world.

Advances in Cyberology and the Advent of the Next-Gen Information Revolution creates awareness of the information threats that these technologies play on personal, societal, business, and governmental levels. It discusses the development of information and communication technologies, their connection with the cyber revolution, and the impact that they have on every facet of human life.

Jul 2023 271pp

9781668481332 Hardback £213.00 / €242.00

IntechOpen



UBIQUITOUS AND PERSVASIVE COMPUTING

New Trends and Opportunities

Edited by Rodrigo da Rosa Righi

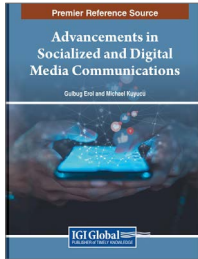
We are living in an age of digital transformation, where internet connectivity is totally transparent for end users. Since the development of internet of things technologies and artificial intelligence algorithms, we have also been experiencing new business models and applications.

In *Ubiquitous and Pervasive Computing: New Trends and Opportunities*, novel concepts and applications in this area are described, and the expectations and challenges of the next ten years are discussed. Individual chapters focus on data science, the internet of things, big data, Industry 4.0, high-performance computing, intelligent applications, and cloud computing environments.

Feb 2023 154pp

9781803563893 Hardback £119.00 / €147.00

IGI Global



 eBook available

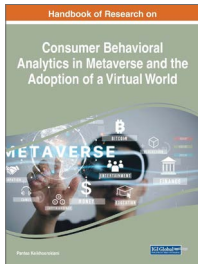
ADVANCEMENTS IN SOCIALIZED AND DIGITAL MEDIA COMMUNICATIONS

Edited by Gülbuğ Erol & Michael Kuyucu

The definitive solution to address the challenges posed by the digital communication revolution. This book offers a comprehensive collection of empirical and theoretical insights.

Jan 2024 320pp

9798369308554 Hardback £228.00 / €259.00



 eBook available

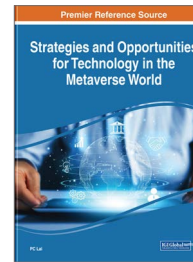
HANDBOOK OF RESEARCH ON CONSUMER BEHAVIORAL ANALYTICS IN METAVERSE AND THE ADOPTION OF A VIRTUAL WORLD

Edited by Pantea Keikhosrokiani

Investigates the social, behavioral, and psychological factors that influence metaverse adoption. The focus then shifts to concepts, theories, and analytical approaches for detecting changes in consumer behavior in the metaverse. The book covers a range of topics, including e-commerce markets, user experience, and immersive technologies.

Apr 2023 404pp

9781668470299 Hardback £322.00 / €365.00



 eBook available

STRATEGIES AND OPPORTUNITIES FOR TECHNOLOGY IN THE METAVERSE WORLD

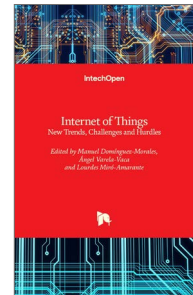
Edited by P.C. Lai

Explores the opportunities and challenges facing the metaverse and considers the strategies and opportunities of metaverse technologies in various industries and countries. The book covers a broad range of topics, including blockchain, artificial intelligence, virtual reality, and machine learning.

Jan 2023 390pp

9781668457320 Hardback £268.00 / €304.00

IntechOpen



INTERNET OF THINGS

New Trends, Challenges and Hurdles

Edited by Manuel Domínguez-Morales, Ángel Varela-Vaca & Lourdes Miró-Amarante

Written by leading experts in the field, this book serves as a showcase of the breadth of IoT research conducted in recent years for people who, while not experts in the field, do have prior knowledge of the IoT.

Feb 2023 138pp

9781803560359 Hardback £119.00 / €147.00

McFarland

FROM PINBALLS TO PIXELS**An Arcade History of Williams-Bally-Midway**

Ken Horowitz

With interviews from over 40 former designers and executives from Williams-Bally-Midway, as well as information from hundreds of contemporaneous news reports and documents, this book presents a never-before-seen chronology of how the small company became a coin-op juggernaut.

Sep 2023 442pp, 79 photos

9781476689371 Paperback £49.95 / €57.00

THE MINDS BEHIND PLAYSTATION 2 GAMES**Interviews with Creators and Developers**

Patrick Hickey, Jr.

Studies in Gaming

Featuring interviews with the creators of 37 popular video games, including *SOCOM*, *Shadow of the Colossus*, *Tekken Tag Tournament* and *Sly Cooper*, this book gives a behind-the-scenes look at the creation of some of the most influential and iconic (and sometimes forgotten) games of the original PlayStation 2 era.

Sep 2023 243pp, 89 photos

9781476688541 Paperback £39.95 / €45.00

THE WORLD OF FINAL FANTASY VII**Essays on the Game and Its Legacy**

Edited by Jason C. Cash & Craig T. Olsen

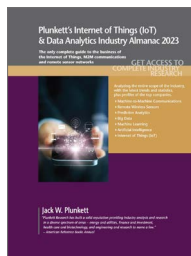
Studies in Gaming

The first edited collection of essays devoted only to the world of *Final Fantasy VII*, this book blends scholarly rigour with fan passion in order to identify the elements that keep *Final Fantasy VII* current and exciting for players.

Jan 2023 237pp

9781476681863 Paperback £55.00 / €62.00

Plunkett Research, Ltd.

**PLUNKETT'S INTERNET OF THINGS (IoT) & DATA ANALYTICS INDUSTRY ALMANAC 2023**

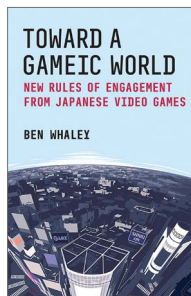
Jack W. Plunkett

Covers exciting trends in the dynamic technologies and business sectors of the Internet of Things (IoT) and Machine-to-Machine Communications (M2M). The book includes details on the innovative, disruptive technologies based on IoT and M2M, plus an analysis of the practical applications of IoT that will lead to exciting new products and services.

May 2023 556pp

9781628316582 Paperback £340.00 / €395.00

University of Michigan Press

**TOWARD A GAMEIC WORLD****New Rules of Engagement from Japanese Video Games**

Ben Whaley

Michigan Monograph Series in Japanese Studies

Bridges the gap between Japanese popular culture studies and game studies by encouraging a dialogue centered around Japanese-designed video games and social issues. The book examines four contemporary Japanese video games in terms of how they engage with some of Japan's biggest social and personal issues.

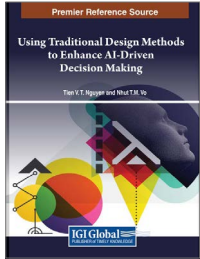
May 2023 186pp, 30 illustrations

9780472056149 Paperback £16.95 / €20.00

9780472076147 Hardback £56.00 / €64.00

GRAPHICAL & DIGITAL MEDIA APPLICATIONS

IGI Global



 eBook available

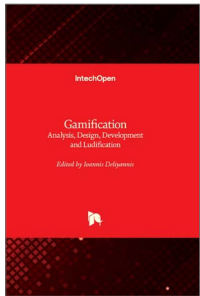
USING TRADITIONAL DESIGN METHODS TO ENHANCE AI-DRIVEN DECISION MAKING

Edited by Tien V.T. Nguyen & Nhut T.M. Vo

Delves into a wide array of topics related to optimization, decision-making, and their applications. Drawing on foundational contributions, system developments, and innovative techniques, this book explores the synergy between traditional design methods and AI-driven decision-making approaches.

Jan 2024 340pp
9798369306390 Hardback £243.00 / €275.00

IntechOpen



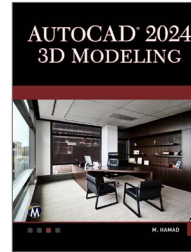
GAMIFICATION
Analysis, Design, Development and Ludification

Edited by Ioannis Deliyannis

Examines how gamification is designed and implemented today, particularly within our transmedia world. This process requires balancing the narrative elements and the gamification mechanics used within the scenario that leads to the target objectives.

Feb 2023 176pp
9781803562605 Hardback £119.00 / €147.00

Mercury Learning and Information



AUTOCAD® 2024 3D MODELING

Munir Hamad

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

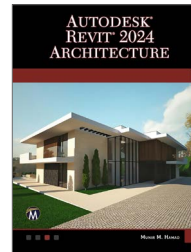
Jun 2023 352pp
9781683929314 Paperback £60.00 / €69.00

AUTOCAD® 2024 BEGINNING AND INTERMEDIATE

Munir Hamad

The most comprehensive book you will find on AutoCAD 2024 – 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.

Jun 2023 706pp
9781683929284 Paperback £69.00 / €78.00



AUTODESK® REVIT® 2024 ARCHITECTURE

Munir Hamad

Covering all of the major techniques, this book uses both metric and imperial units to illustrate the myriad drawing and editing tools for this popular application.

Jun 2023 578pp
9781683929253 Paperback £60.00 / €69.00

Logic, Automata, and Computational Complexity

The Works of Stephen A. Cook

Bruce M. Kapron, Editor



ASSOCIATION FOR COMPUTING MACHINERY

LOGIC, AUTOMATA, AND COMPUTATIONAL COMPLEXITY

The Works of Stephen A. Cook

Edited by Bruce M. Kapron

Professor Stephen A. Cook is a pioneer of the theory of computational complexity. His work on NP-completeness and the P vs. NP problem remains a central focus of this field. Cook won the 1982 Turing Award for "his advancement of our understanding of the complexity of computation in a significant and profound way." This volume includes a selection of seminal papers embodying the work that led to this award, exemplifying Cook's synthesis of ideas and techniques from logic and the theory of computation including NP-completeness, proof complexity, bounded arithmetic, and parallel and space-bounded computation.

These papers are accompanied by contributed articles by leading researchers in these areas, which convey to a general reader the importance of Cook's ideas and their enduring impact on the research community.

The book also contains biographical material, Cook's Turing Award lecture, and an interview. Together these provide a portrait of Cook as a recognized leader and innovator in mathematics and computer science, as well as a gentle mentor and colleague.

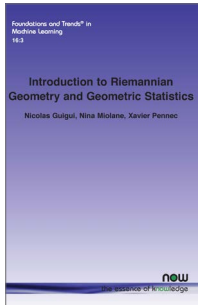
May 2023 426pp

9798400707773 Paperback £49.95 / €57.00

9798400707797 Hardback £70.00 / €79.00



Now Publishers



INTRODUCTION TO RIEMANNIAN GEOMETRY AND GEOMETRIC STATISTICS

Nicolas Guigui, Nina Miolane & Xavier Pennec

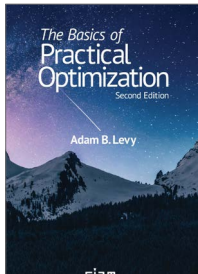
Foundations and Trends® in Machine Learning

As data is a predominant resource in applications, Riemannian geometry is a natural framework to model and unify complex nonlinear sources of data. This book presents a self-contained exposition of the basic concepts of Riemannian geometry from a computational viewpoint, providing illustrations and examples at each step.

Feb 2023 182pp

9781638281542 Paperback £85.00 / €97.00

SIAM - Society for Industrial and Applied Mathematics



THE BASICS OF PRACTICAL OPTIMIZATION

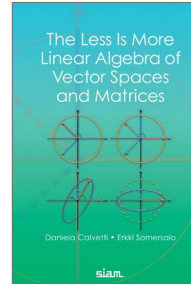
Second Edition

Adam B. Levy

Shows readers how optimization is done in practice and helps them to develop an appreciation for the richness of the theory behind the practice. Exercises, problems (including modeling and computational problems), and implementations are incorporated throughout the text to help students learn by doing.

Jan 2023 160pp

9781611977363 Paperback £65.00 / €74.00



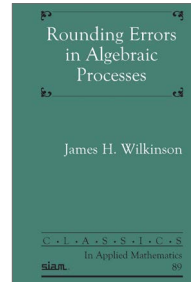
THE LESS IS MORE LINEAR ALGEBRA OF VECTOR SPACES AND MATRICES

Daniela Calvetti & Erkki Somersalo

Designed for a proof-based course on linear algebra, this rigorous and concise textbook intentionally introduces vector spaces, inner products, and vector and matrix norms before Gaussian elimination and eigenvalues so students can quickly discover the singular value decomposition (SVD) - arguably the most useful of all matrix factorizations.

Jan 2023 225pp

9781611977394 Paperback £64.00 / €72.00



ROUNDING ERRORS IN ALGEBRAIC PROCESSES

James H. Wilkinson

Offers an analysis of the rounding errors made in elementary arithmetic operations and inner products, for both floating-point arithmetic and fixed-point arithmetic. The results are applied in error analyses of a variety of computations involving polynomials as well as the solution of linear systems, matrix inversion, and eigenvalue computations.

Aug 2023 161pp

9781611977516 Paperback £67.00 / €76.00

THE ZEN OF EXOTIC COMPUTING

Peter M. Kogge

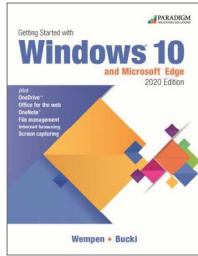
The Turing/von Neumann model of computing is dominant today but is by no means the only one. This textbook explores an important subset of alternatives, including those such as quantum and neuromorphic, which receive daily news attention.

Jan 2023 386pp

9781611977288 Paperback £89.00 / €100.00

OPERATING SYSTEMS

Paradigm Education Solutions



GETTING STARTED WITH WINDOWS 10 AND MICROSOFT EDGE

Cirrus for Windows 10, 2020 Edition

Faithe Wempen & Lisa A. Buckl

Uses a simple, visual approach to teach students the essentials of the operating system and web

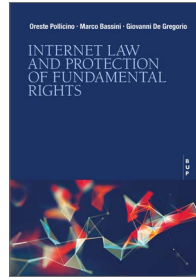
browser. To become proficient users at school and in the workplace, students must understand the new features and functionalities of Windows 10.

Oct 2023 120pp

9781792436611 Paperback £128.00 / €146.00

GENERAL ISSUES AND IT & COMMUNICATIONS LAW

Bocconi University Press



INTERNET LAW AND PROTECTION OF FUNDAMENTAL RIGHTS

Oreste Pollicino, Marco Bassini & Giovanni De Gregorio

Provides a focus on the primary questions around the Internet, particularly the regulation and governance of the digital environment; examines the law

of online content, looking at the protection of freedom of expression in the real and the digital world; and analyses the field of privacy and data protection by looking at their historical roots.

Feb 2023 200pp

9788831322706 Paperback £60.00 / €68.00

Cognella Academic Publishing

ETHICS AND LAW IN COMPUTING

Exploring Legal Issues and Ethical Concerns in 21st-Century Technology

Fred Geldon & Tamara Maddox

Investigates a variety of issues students are likely to encounter in their future careers as computer or IT professionals. The text examines the legal process, algorithmic thinking, ethical decision-making, and how the law is applied in real-world cases related to technology.

Feb 2023 590pp

9781793567734 Paperback £103.00 / €117.00

Now Publishers

INFORMATION THEORY FOR DATA SCIENCE

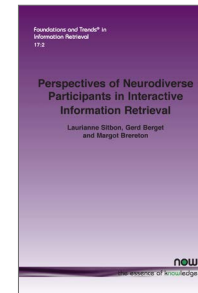
Changho Suh

NowOpen

Demonstrates the modern roles of information theory in a widening array of data science applications. The first and second parts of the book cover the core concepts of information theory; the last part focuses on applications that arise in data science, including social networks, ranking, and machine learning.

May 2023 250pp

9781638281146 Hardback £115.00 / €132.00



PERSPECTIVES OF NEURODIVERSE PARTICIPANTS IN INTERACTIVE INFORMATION RETRIEVAL

Laurianne Sibton, Gerd Berget & Margot Brereton

Foundations and Trends® in Information Retrieval

Offers a survey of work to date to inform how interactions in information retrieval systems could afford inclusion of users who are neurodiverse. The existing work is positioned within a range of philosophies, frameworks, and epistemologies that frame the importance of including neurodiverse users in all stages of research and development of Interactive Information Retrieval (IIR) systems.

Jul 2023 134pp

9781638282020 Paperback £77.00 / €88.00

Plunkett Research, Ltd.

PLUNKETT'S COMPUTERS, HARDWARE & SOFTWARE INDUSTRY ALMANAC 2023

Jack W. Plunkett

Presents a complete analysis of the technology business, including hardware, software, networks, computers, peripherals, services and global trade. The book includes analysis of the trends affecting the industry, from the global PC and server market, to consumer and enterprise software, to super computers, web services and network equipment.

Feb 2023 654pp

9781628316469 Paperback £340.00 / €395.00

United Nations Publications

BERKELEY PROTOCOL ON DIGITAL OPEN SOURCE INVESTIGATIONS

A Practical Guide on the Effective Use of Digital Open Source Information in Investigating Violations of International Criminal, Human Rights and Humanitarian Law

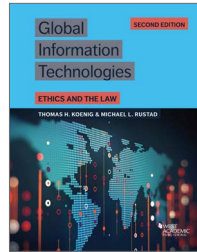
United Nations Office of the High Commissioner for Human Rights

Identifies international standards for conducting online research of alleged violations of international criminal, human rights, and humanitarian law. Guidance on methodologies and procedures for gathering, analyzing, and preserving digital information in a professional, legal, and ethical manner is provided.

Jan 2023 102pp

9789211542332 Paperback £29.95 / €34.00

West Academic



GLOBAL INFORMATION TECHNOLOGIES Ethics and the Law, Second Edition

Thomas H. Koenig & Michael L. Rustad
Higher Education Coursebook

Uses the latest legal cases, statutory developments, and mass culture references to apply computer ethics

in a global setting. Computer law and ethical dilemmas are presented in an applied format, using concrete legal disputes, regulatory actions, and court decisions to demonstrate that law is codified ethics.

Jul 2023 578pp

9781685615703 Paperback £118.00 / €133.00

West Academic Publishing



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

PRIVACY AND DATA PROTECTION LAW Second Edition

William McGeveran

University Casebook Series

Introduces a dynamic and rapidly growing field of law. Along with traditional topics like torts or the Fourth Amendment, the book focuses on complex statutory and regulatory regimes that matter most to privacy law today. The second edition adds discussion of emerging technological challenges like biometric identification, algorithmic bias, and data retention in an era of cheap digital storage.

Sep 2023 1,080pp

9781642421125 Hardback £268.00 / €302.00

Foundation Press

VIDEO GAME LAW IN A NUTSHELL

Second Edition

Dan D. Nabel & Bill Chang

Nutshell Series

Provides legal practitioners and game developers with a concise, easy-to-use guide for navigating the complexities of developing, publishing and distributing video games. Starting with content creation and ending with esports, this text explores every aspect of a game's life cycle, covering a diverse range of useful topics.

Dec 2023 480pp

9781685614515 Paperback £62.00 / €70.00

West Academic Publishing

EUROSPAN



From Law to Ophthalmology, from Film Studies to Mathematics, sign up to our mailing list and get regular updates on our publishers' latest books in your selected subject areas.



Scan here
to sign up or visit
[eurospan.co.uk/mailling list](https://eurospan.co.uk/mailling-list)



Scan here for more
information or visit
eurospan.co.uk/catalogues

Download a full list of publishers represented by Eurospan, and download our catalogues online.

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 West, Midlands, South West
England, Wales

James Benson
jamesbenson@btinternet.com
Mob: +44 (0)7775 571106

CONTINENTAL EUROPE

Territory Manager

Michelle Zappa
Head of Sales
michelle.zappa@eurospan.co.uk
Tel: +44 (0)20 7240 0856
Mob: +44 (0)7826 068821

Austria, Belgium, Germany,
Luxembourg, Netherlands,
Switzerland

Michelle Zappa
Head of Sales
michelle.zappa@eurospan.co.uk
Tel: +44 (0)20 7240 0856
Mob: +44 (0)7826 068821

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 Towle
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
cprout@iberianbookservices.com

MIDDLE EAST & AFRICA

Territory Manager

Abby Buttery
Sales Manager
abby.buttery@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@africacconnection.co.uk

Angola, Botswana, Burundi,
Central African Republic, Comoros,
Democratic Republic of Congo (DRC),
Eritrea, Eswatini, Ethiopia, Kenya,
Lesotho, Madagascar, Malawi,
Mauritius, Mozambique, Namibia,
Republic of Congo, Rwanda,
Seychelles, Somaliland, South Africa,
South Sudan, Tanzania, Uganda,
Zambia, Zimbabwe

Guy Simpson
guy.simpson@africacconnection.co.uk

ASIA

Territory Manager

Abby Buttery
Sales Manager
abby.buttery@eurospan.co.uk

CENTRAL ASIA

Afghanistan, Kazakhstan,
Kyrgyzstan, Tajikistan,
Turkmenistan, Uzbekistan
Abby Buttery
Sales Manager
abby.buttery@eurospan.co.uk

SOUTH ASIA

Bangladesh, Bhutan, India,
Maldives, Nepal, Sri Lanka
Vinod Vasishtha
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):
00 92 333 4004413
Tel (from within Pakistan):
0333 4004413

SOUTH EAST ASIA

Brunei, Malaysia, Singapore

Raymond Lim
raymondlim@pms.com.sg

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

Melvin Choo
enquiry@alkem.com.sg
Tel: +65 6265 6666
Fax: +65 6261 7875

EAST ASIA

China, Hong Kong, Taiwan

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

Japan

Abby Buttery
Sales Manager
abby.buttery@eurospan.co.uk

South Korea

ChongHo Ra
impact-kr@naver.com
Tel: +82 (0) 2 2296 0140
Tel: +82 (0) 10 7212 0144
Fax: +82 (0) 2 2296 0143

OCEANIA

Orders and Customer Services

XL Express (Logistics) Pty Ltd
orders.logistics@xlxpress.com.au
Tel: +61 (0)2 8778 9999
Fax: +61 (0)2 8778 9944

All Other Queries

Abby Buttery
Sales Manager
abby.buttery@eurospan.co.uk

THE AMERICAS

NORTH AMERICA

Orders and Customer Services

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

All Other Queries

Michelle Zappa
Head of Sales
michelle.zappa@eurospan.co.uk
Tel: +44 (0)20 7240 0856
Mob: +44 (0)7826 068821

LATIN AMERICA & THE CARIBBEAN

Territory Manager

Abby Buttery
Sales Manager
abby.buttery@eurospan.co.uk

Latin America & Caribbean

LatinFly – Enrique Gallego
info@latin-fly.com
Tel: +134 7213 2281

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.

OTHER ENQUIRIES

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

Eurospan
1 Bedford Row
London,
WC1R 4BU,
UK.

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

