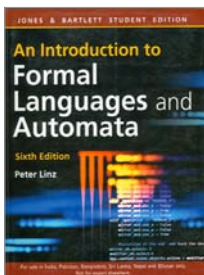


COMPUTER SCIENCE

2018 CATALOGUE

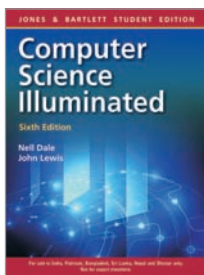


An Introduction to Formal Languages and Automata, 6/e

Peter Linz

The *Sixth Edition of An Introduction to Formal Languages and Automata* provides an accessible, student-friendly presentation of all material essential to an introductory Theory of Computation course. Written to address the fundamentals of formal languages, automata, and computability, the text is designed to familiarize students with the foundations and principles of computer science and to strengthen the students' ability to carry out formal and rigorous mathematical arguments. The author, Peter Linz, continues to offer a straightforward, uncomplicated treatment of formal languages and automata and avoids excessive mathematical detail so that students may focus on and understand the underlying principles.

ISBN: 9789384323219 • PB • 464pp • 2017 • ₹495.00



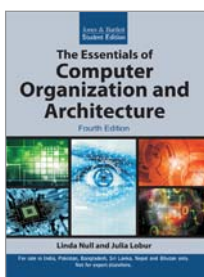
Computer Science Illuminated, 6/e

Nell Dale & John Lewis

The *Sixth Edition of Computer Science Illuminated* retains the accessibility and in-depth coverage of previous editions, while incorporating all-new material on cutting-edge issues in computer science. A collection of programming language chapters are available as low-cost bundling options. Available chapters include: Java, C++, Python, Alice, SQL, VB, NET, RUBY, Perl, Pascal, and JavaScript. Designed for the introductory computing and computer science course, this student-friendly *Sixth Edition* provides students with a solid foundation for further study, and offers non-majors a complete introduction to computing.

Contents: Part 1: Laying the Groundwork • Part 2: The Information Layer • Part 3: The Hardware Layer • Part 4: The Programming Layer • Part 5: The Operating Systems Layer • Part 6: The Applications Layer • Part 7: The Communications Layer • Part 8: In Conclusion • Glossary • Endnotes • Index

ISBN: 9789384323097 • PB • 730pp • 2016 • ₹1495.00



The Essentials of Computer Organization and Architecture, 4/e

Linda Null & Julia Lobur

The book is comprehensive enough to address all necessary organization and architecture topics, but concise enough to be appropriate for a single-term course. Its focus on real-world examples and practical applications encourages students to develop a "big picture" understanding of how essential organization and architecture concepts are applied in the computing world.

Contents: Introduction • Data Representation in Computer Systems • Boolean Algebra and Digital Logic • MARIE: An Introduction to a Simple Computer • A Closer Look at Instruction Set Architectures • Memory • Input/Output and Storage Systems • System Software • Alternative Architectures • Topics in Embedded Systems • Performance Measurement and Analysis • Network Organization and Architecture • Selected Storage Systems and Interfaces

ISBN: 9789380853949 • PB • 916pp • 2015 • ₹995.00



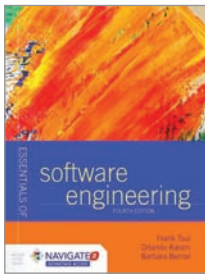
The Essentials of Computer Organization and Architecture, 5/e

Linda Null & Julia Lobur

The book is comprehensive enough to address all necessary organization and architecture topics, but concise enough to be appropriate for a single-term course. Its focus on real-world examples and practical applications encourages students to develop a "big picture" understanding of how essential organization and architecture concepts are applied in the computing world. In addition to direct correlation with the ACM/IEEE guidelines for computer organization and architecture, the text exposes readers to the inner workings of a modern digital computer through an integrated presentation of fundamental concepts and principles.

Contents: Introduction • Data Representation in Computer Systems • Boolean Algebra and Digital Logic • MARIE: An Introduction to a Simple Computer • A Closer Look at Instruction Set Architectures • Memory • Input/Output Systems • System Software • Alternative Architectures • Topics in Embedded Systems • Performance Measurement and Analysis • Glossary • Answers and Hints for Selected Exercises • Index

ISBN: 9781284123036 • PB • 744pp • 2019 • \$85.00



Essentials of Software Engineering, 4/e

Frank Tsui, Orlando Karam & Barbara Bernal

Essentials of Software Engineering, Fourth Edition provides students with a systematic engineering approach to software engineering principles and methodologies. Comprehensive, yet concise, the *Fourth Edition* includes new information on areas of high interest to computer scientists, including Big Data and developing in the cloud.

Contents: Creating a Problem • Building a System • Engineering of Software • Software Process Models • New and Emerging Process Methodologies • Requirements Engineering • Design: Architecture and Methodology • Design Characteristics and Metrics • Implementation • Testing and Quality Assurance • Configuration Management, Integration, and Builds • Software Support and Maintenance • Software Project Management • Epilogue and Some Contemporary Issues

ISBN: 9781284106008 • PB • 334pp • 2018 • \$75.00



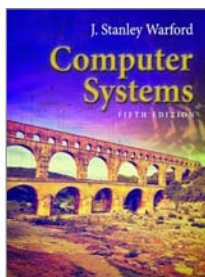
Managing Software Projects

Frank Tsui

Managing Software Projects is a book for software engineering students and project management professionals in the IT and software industry. It focuses on four phases of management — planning, organizing, monitoring, and adjusting (POMA) and tailors them to application on software projects. The tasks and techniques utilized in each of the POMA management phases are discussed with specific software engineering and IT related examples.

Contents: Introduction: What is Software Project Management? • Part One: Software Project Planning (FOMA) • Project Content and Deliverables • Task Analysis • Goals and Measurements • Project Resource Planning • Risk Analysis and Planning • Part Two: Organizing and Preparing (POMA) • Human Resources • Processes, Methodologies, and Tools • Goals and Measurements: Preparations and Costs • Part Three: Software Project Monitoring (POMA) • Collecting Project Information • Analysis and Evaluation of Information • Presenting and Communicating Data • Part Four: Adjustments and Actions (POMA) • Planned and Unplanned Adjustments and Actions • Release Management Council • Part Five: Additional Skills • The Project Team • Change Control • Task Scheduling • Effort Estimation

ISBN: 9789380108803 • PB • 366pp • 2011 • ₹325.00



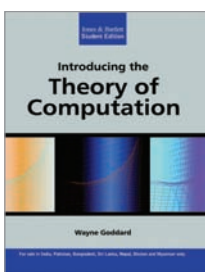
Computer Systems, 5/e

J. Stanley Warford

Updated throughout with the latest updates as well as the new Pep/9 virtual machine, *Computer Systems, Fifth Edition* provides a clear, detailed, step-by-step introduction to the central concepts in computer organization, assembly language, and computer architecture. It urges students to explore the many dimensions of computer systems through a top-down approach to levels of abstraction. By examining how the different levels of abstraction relate to one another, the text helps students look at computer systems and their components as a unified concept.

Contents: Level 7: Application • Computer Systems • Level 6: High-Order Language • C • Level 3: Instruction Set Architecture • Information Representation • Computer Architecture • Level 5: Assembly • Assembly Language • Compiling to the Assembly Level • Language Translation Principles • Level 4: Operating System • Process Management • Storage Management • Level 1: Logic Gate • Combinational Circuits • Sequential Circuits • Level 2: Microcode • Computer Organization • Appendix • Solutions to Selected Exercises • Index

ISBN: 9781284079630 • HB • 824pp • 2017 • \$85.00



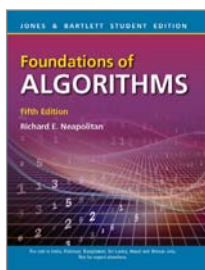
Introducing the Theory of Computation

Wayne Goddard

Introducing the Theory of Computation is the ideal text for any undergraduate, introductory course on formal languages, automata, and computability.

Contents: Part 1: Regular Languages • Finite Automata • Regular Expressions • Nondeterminism • Properties of Regular Languages • Applications of Finite Automata • Part 2: Context-Free Languages • Context-Free Grammars • Pushdown Automata • Grammars & Equivalencies • Properties of Context-free Languages • Deterministic Parsing • Part 3: Turing Machines • Turing Machines • Variations of Turing Machines • Decidable Problems & Recursive Languages • Part 4: Undecidability • Diagonalization & the Halting Problem • More Undecidable Problem • Recursive Functions • Part 5: Complexity Theory • Time Complexity • Space Complexity • NP-Completeness

ISBN: 9789380108254 • PB • 240pp • 2017 • ₹325.00



Foundations of Algorithms, 5/e

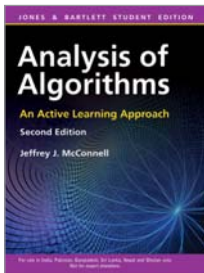
Richard E. Neapolitan

Foundations of Algorithms, Fifth Edition offers a well-balanced presentation of algorithm design, complexity analysis of algorithms, and computational complexity.

The revised and updated *Fifth Edition* features an all-new chapter on genetic algorithms and genetic programming, including approximate solutions to the traveling salesperson problem, an algorithm for an artificial ant that navigates along a trail of food, and an application to financial trading.

Contents: Algorithms: Efficiency, Analysis, and Order • Divide-and-Conquer • Dynamic Programming • The Greedy Approach • Backtracking • Branch-and-Bound • Introduction to Computational Complexity: The Sorting Problem • More Computational Complexity: The Searching Problem • Computational Complexity and Intractability: An Introduction to the Theory of NP • Genetic Algorithms and Genetic Programming • Number-Theoretic Algorithms • Introduction to Parallel Algorithms • Appendices

ISBN: 9789384323110 • PB • 694pp • 2018 • ₹895.00



Analysis of Algorithms, 2/e

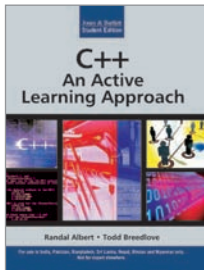
An Active Learning Approach

Jeffrey J. McConnell

Analysis of Algorithms, Second Edition raises awareness of the effects that algorithms have on the efficiency of a program and develops the necessary skills to analyze general algorithms used in programs. The text presents the material with the expectation that it can be used with active and cooperative learning methodology.

Contents: Analysis Basics • Recursive Algorithms • Searching and Selection Algorithms • Sorting Algorithms • Numeric Algorithms • Formal Language Algorithms • Matching Algorithms • Graph Algorithms • Parallel Algorithms • Limits of Computation • Other Algorithmic Techniques • Appendices

ISBN: 9789384323189 • PB • 470pp • 2017 • ₹895.00



C++

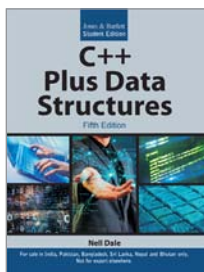
An Active Learning Approach

Todd Breedlove & Randal Albert

C++: An Active Learning Approach provides a hands-on introduction to the C++ language through active learning exercises and numerous programming projects. C++ is taught with an emphasis on procedural programming, beginning with an introduction to object-oriented programming. Ideal for the introductory programming course, this text includes the latest C++ upgrades without losing sight of the C underpinnings still required for all computing fields.

Contents: Introduction to Computers & Programming • Program Design & Development • Getting Started with C++ • Literals, Variables, & Constants • Input & Output Streams • Mathematical Operations • Conditional Statements • Repetition Statements • Functions • Arrays & cStrings • File I/O & Data Manipulation • Pointers & Dynamic Memory Allocation • User-Defined Types • Introduction to Object-Oriented Programming • Introduction to Classes • Miscellaneous Topics • Binary & Random Access Files • Introduction to Linked Lists

ISBN: 9789380108353 • PB • 672pp • 2010 • ₹395.00



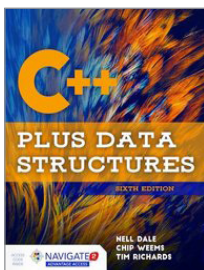
C++ Plus Data Structures, 5/e

Nell Dale

C++ Plus Data Structures, Fifth Edition explores the specifications, applications, and implementations of abstract data types with unmatched accessibility. Updated with new case studies and exercises throughout, this edition provides intuitive explanations that clarify abstract concepts, and approaches the study of data structures with emphasis on computer science theory and software engineering principles.

Contents: Software Engineering Principles • Data Design & Implementation • ADT Unsorted List • ADT Sorted list • ADTs Stack & Queue • Lists Plus • Programming with Recursion • Binary Search Trees • Priority Queues, Heaps, Graphs, & Sets • Sorting & Searching Algorithms • Appendix: Reserved Words • Operator Precedence • A Selection of Standard Library Routines • Character Sets • The Standard Template Library • Glossary • Index

ISBN: 9789380853918 • PB • 816pp • 2015 • ₹795.00



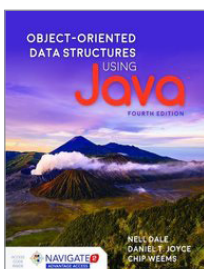
C++ Plus Data Structures, 6/e

Nell Dale, Chip Weems & Tim Richards

C++ Plus Data Structures, Sixth Edition explores the specifications, applications, and implementations of abstract data types with unmatched accessibility. Topics such as modularization, data encapsulation, information hiding, object-oriented decomposition, algorithm analysis, life-cycle software verification models, and data abstraction are carefully presented to foster solid software engineering techniques.

Contents: Software Engineering Principles • Data Design and Implementation • ADT Unsorted List • ADT Sorted List • ADTs Stack and Queue • Lists Plus • Programming with Recursion • Binary Search Trees • Heaps, Priority Queues, and Heap Sort • Trees Plus • Sets, Maps, and Hashing • Sorting • Graphs

ISBN: 9781284089189 • HB • 838pp • 2018 • \$90.00



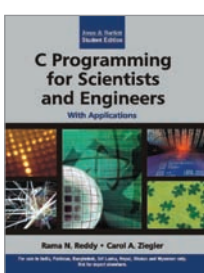
Object-Oriented Data Structures Using Java™, 4/e

Nell Dale, Daniel T. Joyce & Chip Weems

The updated and revised *Object-Oriented Data Structures Using Java™, Fourth Edition* is an essential resource for students learning data structures using the Java programming language. It presents both the traditional and modern data structure topics with an emphasis on problem-solving and object-oriented software design.

Contents: Getting Organized • The Stack ADT • Recursion • The Queue ADT • The Collection ADT • The List ADT • The Binary Search Tree ADT • The Map ADT • The Priority Queue ADT • The Graph ADT • Sorting and Searching Algorithms

ISBN: 9781284089097 • HB • 694pp • 2018 • \$90.00



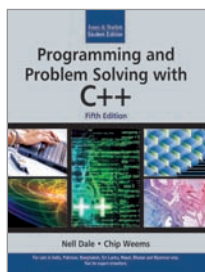
C Programming for Scientists and Engineers with Applications

Rama N. Reddy & Carol A. Ziegler

C Programming for Scientists and Engineers with Applications guides readers through the fundamental, as well as the advanced, concepts of the C programming language as it applies to solving engineering and scientific problems.

Contents: Introduction to Computers and Programming • Basic Elements of the C programming Language • Input and Output • Control Structures • Modular Design and Function • Storage Classes • One-Dimensional Arrays • Multidimensional Arrays • Characters and Strings • Pointers and Dynamic Storage • Structures

ISBN: 9789380108346 • PB • 856pp • 2010 • ₹495.00



Programming and Problem Solving with C++, 5/e

Nell Dale & Chip Weems

Completely revised and updated, this *Fifth Edition* provides the clearest introduction to C++ object-oriented programming, and software development available.

Contents: Overview of Programming & Problem Solving • C++ Syntax & Semantics, and the Program Development Process • Numeric Types, Expressions, & Output • Program Input & the Software Design Process • Conditions, Logical Expression, & Selection Control Structures • Looping • Additional Control Structures • Functions • Scope, Lifetime, & More on Functions • User-Defined Data Types • Arrays • Classes & Abstraction • Array-Based Lists • Points & Linked Lists • Inheritance, Polymorphism & Object-Oriented Design • Templates, Operator Overloading, & Exceptions • Introduction to Data Structures Using the Standard Template Library • Recursion

ISBN: 9789380108506 • PB • 1070pp • 2010 • ₹995.00

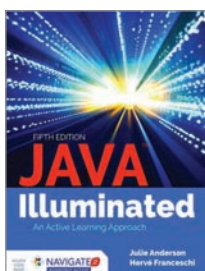


Programming and Problem Solving with C++: Comprehensive, Enhanced 6/e

Nell Dale & Chip Weems

Contents: Overview of Programming and Problem Solving • C++ Syntax and Semantics, and the Program Development Process • Numeric Types, Expressions, and Output • Program Input and the Software Design Process • Conditions, Logical Expressions, and Selection Control Structures • Looping • Additional Control Structures • Functions • Scope, Lifetime, and More on Functions • User-Defined Data Types • Arrays • Classes and Abstraction • Array-Based Lists • Dynamic Data and Linked Lists • Inheritance, Polymorphism, and Object-Oriented Design • Templates, Operator Overloading, and Exceptions • Introduction to Data Structures Using the Standard Template Library • Recursion

ISBN: 9781284076592 • PB • 1068pp • 2014 • \$85.00



Java Illuminated, 5/e

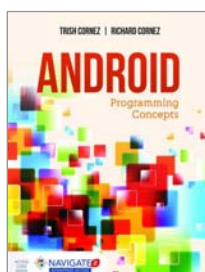
An Active Learning Approach

Julie Anderson & Hervé Franceschi

Written for the one- to three-term introductory programming course, the *Fifth Edition* of *Java Illuminated* provides learners with an interactive, user-friendly approach to learning the Java programming language.

Contents: Introduction to Programming and the Java Language • Programming Building Blocks-Java Basics • Object-Oriented Programming, Part 1: Using Classes • Introduction to Graphical Applications • Flow of Control, Part 1: Selection • Flow of Control, Part 2: Looping • Object-Oriented Programming, Part 2: User-Defined Classes • Single-Dimensional Arrays • Multidimensional Arrays and the *ArrayList* Class • Object-Oriented Programming, Part 3: Inheritance, Polymorphism, and Interfaces • Exceptions and Input/Output Operations • Graphical User Interfaces • Recursion • An Introduction to Data Structures • Running Time Analysis • Appendices

ISBN: 9781284140996 • PB • 1204pp • 2019 • \$75.00



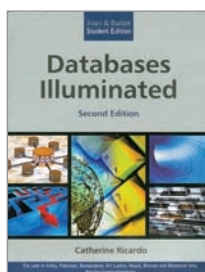
Android Programming Concepts

Trish Cornez & Richard Cornez

Using a hands-on, student-friendly approach, *Android Programming Concepts* provides a comprehensive foundation for the development of mobile applications for devices and tablets powered by Android. This text offers in-depth coverage of the topics outlined by the official Android developer API guides.

Contents: Introduction • Building User Interfaces and Basic Applications • Activities and Intents • Fragments, ActionBar, and Menus • Graphics, Drawing, Audio • Threads, Handlers, and Programmatic Movement • Touch Gestures • Sensors and Camera • File Storage, Shared Preferences, SQLite

ISBN: 9781284070705 • PB • 834pp • 2017 • \$65.00



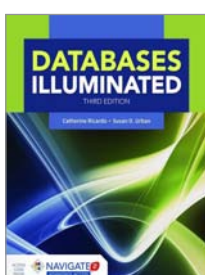
Databases Illuminated, 2/e

Catherine Ricardo

This updated *Second Edition* of the popular *Databases Illuminated* integrates database theory with a practical approach to database design and implementation.

Contents: Introductory Database Concepts • Database Planning and Database Architecture • The Entity-Relationship Model • The Relational Model • Relational Database Management Systems and SQL • Normalization • The Object-Oriented Model • The Enhanced Entity-Relationship Model and the Object-Relational Model • Introduction to Database Security • Transaction Management • Relational Query Optimization • Distributed Databases • Databases and the Internet • Social and Ethical Issues • Data Warehouses and Data Mining

ISBN: 9789380853321 • PB • 688pp • 2011 • ₹595.00

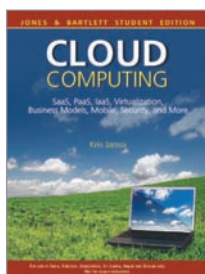


Databases Illuminated, 3/e

Catherine M. Ricardo & Susan D. Urban

Key Features: A new chapter on the emerging topics of Big Data, NoSQL, and NewSQL • Revised and expanded coverage on database security, including SQL injection • Extended coverage of SQL, with additional material on temporal database queries and JDBC • New features and downloadable SQL code for Oracle 12c, MySQL, and SQL Server • Updated information on social and ethical issues addressing new regulations and global issues • Use of the open source software LibreOffice, which is available worldwide at no cost

ISBN: 9781284056945 • HB • 718pp • 2017 • \$85.00



Cloud Computing

SaaS, PaaS, IaaS, Virtualization, Business Models, Mobile, Security and More

Kris Jamsa

Cloud Computing presents a hands-on introduction to cloud technologies. The chapters include real-world case studies with content that is ideal for users interested in migrating to the cloud, IT professionals seeking knowledge about cloud fundamentals, developers building cloud solutions of the future, and CIOs wanting insights on current cloud solutions.

Contents: Introducing Cloud Computing • Software as a Service (SaaS) • Platform as a Service (PaaS) • Infrastructure as a Service (IaaS) • Identity as a Service (IDaaS) • Data Storage in the Cloud • Collaboration in the Cloud • Virtualization • Securing the Cloud • Disaster Recovery and Business Continuity and the Cloud • Service-Oriented Architecture • Managing the Cloud • Migrating to the Cloud • Mobile Cloud Computing • Governing the Cloud • Evaluating the Cloud's Business Impact and Economics • Designing Cloud-Based Solutions • Coding Cloud-Based Applications • Application Scalability • The Future of the Cloud

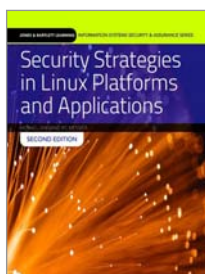
ISBN: 9789380853772 • PB • 350pp • 2018 • ₹495.00

JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES

A Complete Curriculum Solution for IT Security, Cybersecurity, Information Assurance and Information Systems Security Programs

About the Series:

Designed for courses and curriculums in IT Security, Cybersecurity, Information Assurance, and Information Systems Security, this series features a comprehensive, consistent treatment of the most current thinking and trends in this critical subject area. These titles deliver fundamental information-security principles packed with real-world applications and examples. Authored by Certified Information Systems Security Professionals (CISSPs), they deliver comprehensive information on all aspects of information security. Reviewed word for word by leading technical experts in the field, these books are not just current, but forward-thinking—putting you in the position to solve the cybersecurity challenges not just of today, but of tomorrow, as well.



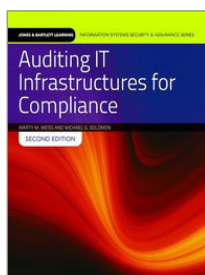
Security Strategies in Linux Platforms and Applications, 2/e

Michael Jang & Ric Messier

The *Second Edition* of the book covers every major aspect of security on a Linux system. It opens with a discussion of the risks, threats, and vulnerabilities associated with Linux as an operating system using current examples and cases. Using real-world examples and exercises, this useful resource incorporates hands-on activities to walk readers through the fundamentals of security strategies related to the Linux system.

Contents: Security Threats to Linux • Basic Components of Linux Security • Basic Security: Facilities Through the Boot Process • User Privileges and Permissions • Filesystems, Volumes, and Encryption • Every Service is a Potential Risk • Networks, Firewalls, and More • Networked Filesystems and Remote Access • Networked Application Security • Kernel Security Risk Mitigation • Managing Security Alerts and Updates • Building and Maintaining a Security Baseline • Testing and Reporting • Detecting and Responding to Security Breaches • Best Practices and Emerging Technologies

ISBN: 9781284090659 • PB • 514pp • 2017 • \$65.00



Auditing IT Infrastructures for Compliance, 2/e

Martin M. Weiss & Michael G. Solomon

Written by industry experts, this book provides a comprehensive explanation of how to audit IT infrastructures for compliance based on the laws and the need to protect and secure business and consumer privacy data.

Contents: The Need for Information Systems Security Compliance • Overview of U.S. Compliancy Laws • What Is the Scope of an IT Compliance Audit? • Auditing Standards and Frameworks • Planning an IT Infrastructure Audit for Compliance • Conducting an IT Infrastructure Audit for Compliance • Writing the IT Infrastructure Audit Report • Compliance Within the User Domain • Compliance Within the Workstation Domain • Compliance Within the LAN Domain • Compliance Within the LAN-to-WAN Domain • Compliance Within the WAN Domain • Compliance Within the Remote Access Domain • Compliance Within the System/Application Domain • Ethics, Education, and Certification for IT Auditors

ISBN: 9781284090703 • PB • 398pp • 2016 • \$65.00

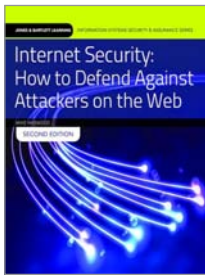


Wireless and Mobile Device Security

Jim Doherty

Contents: Part 1: Introduction to Wireless and Mobile Networks • The Evolution of Data Networks • Evolution of Wired Networking to Wireless Networking • The Mobile Revolution • Security Threats Overview – Wired, Wireless and Mobile • Part 2: WLAN Security • How Do Wireless LAN Systems Work? • WLAN and IP Networking Threat and Vulnerability Analysis • Basic WLAN Security Measures • Advanced WLAN Security Measures • Wireless LAN Auditing Tools • WLAN and Wireless Network Risk Assessment • Part 3: Mobile Security • Mobile Communication Security Challenges • Mobile Device Security Models • Mobile Wireless Attacks and Remediation • Fingerprinting Mobile Devices • Mobile Malware and Application-Based Threats

ISBN: 9781284059274 • PB • 394pp • 2016 • \$65.00



Internet Security, 2/e

How to Defend Against Attackers on the Web

Mike Harwood

Contents: From Mainframe to Client/Server to World Wide Web • Security Considerations for Small Businesses • Security Considerations for Home & Personal Online Use • Mitigating Risk When Connecting to the Internet • Mitigating Web Site Risks, Threats & Vulnerabilities • Introducing the Web Application Security Consortium (WASC) • Securing Web Applications • Mitigating Web Application Vulnerabilities • Maintaining PCI DSS Compliance for E-commerce Web Sites • Testing & Quality Assurance for Production Web Sites • Performing a Web Site Vulnerability & Security Assessment • Securing Mobile Communications • Securing Personal & Business Communications • Security Training, Education, & Certification • Web Application Security Organizations

ISBN: 9781284090550 • PB • 438pp • 2016 • \$65.00



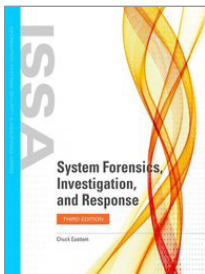
Hacker Techniques, Tools, and Incident Handling, 3/e

Sean-Philip Oriyano & Michael G. Solomon

Hacker Techniques, Tools, and Incident Handling, Third Edition provides readers with a clear, comprehensive introduction to the many threats on our Internet environment and security and what can be done to combat them.

Contents: Part 1: Hacker Techniques and Tools • Hacking: The Next Generation • TCP/IP Review • Cryptographic Concepts • Physical Security • Part 2: A Technical and Social Overview of Hacking • Footprinting Tools and Techniques • Port Scanning • Enumeration and Computer System Hacking • Wireless Vulnerabilities • Web and Database Attacks • Malware • Sniffers, Session Hijacking, and Denial of Service Attacks • Linux and Penetration Testing • Social Engineering • Part 3: Incident Response and Defensive Technologies • Incident Response • Defensive Technologies

ISBN: 9781284147803 • PB • 450pp • 2020 • \$60.00



System Forensics, Investigation and Response, 3/e

Chuck Easttom

Revised and updated to address current issues and technology, this book provides a solid, broad grounding in digital forensics.

Contents: Part 1: Introduction to Forensics • Introduction to Forensics • Overview of Computer Crime • Forensic Methods and Labs • Part 2: Technical Overview: System Forensics Tools, Techniques, and Methods • Collecting, Seizing, and Protecting Evidence • Understanding Techniques for Hiding and Scrambling Information • Recovering Data • E-mail Forensics • Windows Forensics • Linux Forensics • Macintosh Forensics • Mobile Forensics • Performing Network Analysis • Part 3: Incident Response and Resources • Incident and Intrusion Response • Trends and Future Directions • System Forensics Resources • Appendix A: Answer Key • Appendix B: Standard Acronyms

ISBN: 9781284121841 • PB • 336pp • 2019 • \$65.00

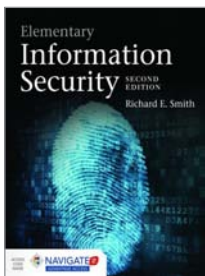


Fundamentals of Information Systems Security, 3/e

David Kim & Michael G. Solomon

Contents: Part 1: The Need for Information Security • Information Systems Security • The Internet of Things is Changing How We Live • Malicious Attacks, Threats, and Vulnerabilities • The Drivers of the Information Security Business • Part 2: Securing Today's Information Systems • Access Controls • Security Operations and Administration • Auditing, Testing, and Monitoring • Risk, Response, and Recovery • Cryptography • Networks and Telecommunications • Malicious Code and Activity • Part 3: Information Security Standards, Education, Certifications, and Laws • Information Security Standards • Information Systems Security Education and Training • Information Security • Professional Certifications • U.S. Compliance Laws

ISBN: 9781284116458 • PB • 548pp • 2018 • \$70.00



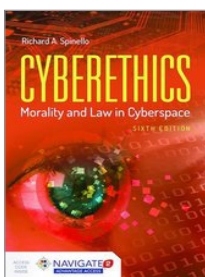
Elementary Information Security, 2/e

Richard E. Smith

The *Second Edition* of *Elementary Information Security* provides a comprehensive yet easy-to-understand introduction to the complex world of cybersecurity and technology.

Contents: Security From the Ground Up • Controlling a Computer • Controlling Files • Sharing Files • Storing Files • Authenticating People • Encrypting Files • Secret and Public Keys • Encrypting Volumes • Connecting Computers • Networks of Networks • End-to-End Networking • Enterprise Computing • Network Encryption • Internet Services and Email • The World Wide Web • Governments and Secrecy

ISBN: 9781284055931 • PB • 866pp • 2016 • \$80.00



Cyberethics, 6/e

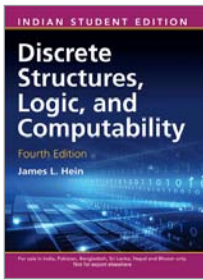
Morality and Law in Cyberspace

Richard A. Spinello

Cyberethics: Morality and Law in Cyberspace, Sixth Edition provides a modern, comprehensive examination of the social costs and moral issues emerging from the ever-expanding use of the internet and new information technologies.

Contents: The Internet and Ethical Values • Regulating and Governing the Internet • Free Speech and Content Controls in Cyberspace • Intellectual Property in Cyberspace • Regulating Internet Privacy • Securing the Electronic Frontier

ISBN: 9781284081398 • PB • 244pp • 2017 • \$65.00



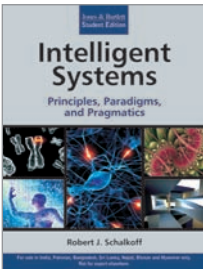
Discrete Structures, Logic, and Computability, 4/e

James L. Hein

Updated to align to the latest 2013 ACM/IEEE Computer Science curricula, *Discrete Structures, Logic, and Computability, Fourth Edition* is designed for the one-to two-term Discrete Mathematics course.

Contents: Elementary Notions & Notations: A Proof Primer • Facts about Functions • Construction Techniques • Binary Relationships and Inductive Proof • Analysis Tools and Techniques • Elementary Logic • Predicate Logic • Applied Logic • Algebraic Structures & Techniques • Graphy Theory • Languages & Automata • Computational Notions

ISBN: 9789384323264 • PB • 1054pp • 2017 • ₹995.00



Intelligent Systems

Principles, Paradigms, and Pragmatics

Robert J. Schalkoff

Contents: Introduction to Intelligent Systems • First Steps in IS: Representation, Ontologies, and Obtaining Expertise • Search and Computational Complexity in IS • Constraint Satisfaction Problems, Part 1 • CSPs, Part 2: Structural Approaches Leading to Natural Language (NL) Understanding and Related Topics • From Logic-Based Chaining to Production Systems • The C Language Integrated Production System (clips) • Extended and Structured Production System Representation and Manipulation Approaches, Including Agents • Soar • Representing and Manipulating Uncertainty in IS, Part 1: Confidence Factors, Probability, Belief Networks and Multivalued Logic • Representing and Manipulating Uncertainty in IS, Part 2: Fuzzy Systems and FuzzyCLIPS • Planning in IS • Biologically-Inspired Computing and IS: Neural Networks (Part 1) • Neural Networks (Part 2): Recurrent Networks and IS Applications • Neural Networks (Part 3): Self-Organizing Systems • Learning in IS • Genetic Algorithms, Swarm Intelligence and Other Evolutionary Computing Concepts in IS

ISBN: 9789380853161 • PB • 792pp • 2011 • ₹695.00

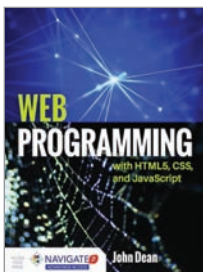


Android App Development

Hervé Franceschi

Contents: Basics of Android, First App: HelloAndroid • Model View Controller, GUI Components, Events • Coding the GUI Programmatically, Layout Managers • Multiple Activities, Passing Data between Activities, Transitions, Persistent Data • Menus, SQLite • Managing the Device Orientation • Touches and Swipes • Graphics, Animations, Sounds, and Gaming • Fragments • Using Libraries and Their APIs: Speech Recognition and Maps • Using the GPS and Location Services • Using Another App within the App: Taking a Photo, Graying It, and Sending an Email • XML and Content Apps • Making an Android Widget • In App Advertising • Security and Encryption • Appendix A: Retrieving the Height of the Status Bar and the Action Bar Dynamically • Appendix B: Setting the Font Size of a TextView Dynamically • Appendix C: How to Download and Install Google Play Services, Use Maps • Appendix D: The AsyncTask Class

ISBN: 9781284092127 • PB • 682pp • 2018 • \$75.00



Web Programming with HTML5, CSS, and JavaScript

John Dean

Contents: Introduction to Web Programming • Coding Standards, Block Elements, Text Elements, and Character References • Cascading Style Sheets (CSS) • Organizing a Page's Content with Lists, Figures, and Various Organizational Elements • Tables and CSS Layout • Links and Images • Image Manipulations, Audio, and Video • Introduction to JavaScript: Functions, DOM, Forms, and Event Handlers • Additional JavaScript Basics: window Object, if Statement, Strings, Numbers, and Input Validation • Loops, Additional Controls, Manipulating CSS with JavaScript • Object-Oriented Programming and Arrays • Canvas • Appendix A: HTML5 and CSS Coding-Style Conventions • Appendix B: JavaScript Coding-Style Conventions

ISBN: 9781284091793 • PB • 678pp • 2019 • \$80.00



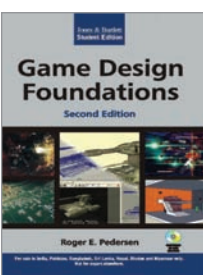
Web Programming and Internet Technologies, 2/e

An E-Commerce Approach

Porter Scobey & Pawan Lingras

Contents: Setting the Scene • Establishing a Web Presence • HTML for Content Structure • CSS for Content Presentation • HTML Forms for Data Collection • JavaScript for Client-Side Computation and Form Data Validation • JavaScript for Client-Side Content Behavior • PHP for Server-Side Preprocessing • MySQL for Server-Side Data Storage • PHP and MySQL for Client-Server Database Interaction • XML (eXtensible Markup Language) for Data Description • Collecting, Analyzing, and Using Visitor Data

ISBN: 9781284070682 • PB • 580pp • 2018 • \$76.00



Game Design Foundations, 2/e (With CD)

Roger E. Pedersen

Game Design Foundations, Second Edition covers the basics of designing a game — from coming up with a concept and writing the game design document to scripting the levels and publishing your game.

Contents: The Game Designer • The "Pedersen Principles" • Game genres • Game Concepts & Ideas • The Game Design Process • Game Research • Innovation in Gaming • Game Design Documents • Design Principles • Knowing the Entire Team • Game Narrative Scriptwriting • Character Design Document • Basics of Programming & Level Scripting • Game Design Outlets • The Game Design Document

ISBN: 9789380108421 • PB • 478pp • 2010 • ₹295.00

Student Editions (Indian Reprints)

ISBN	TITLE	AUTHOR	BIND	YEAR	PRICE (Rs.)
9789384323189	Analysis of Algorithms, 2/e	McConnell	PB	2017	₹895.00
9789380108346	C Programming for Scientists and Engineers with Applications	Ziegler	PB	2010	₹495.00
9789380853918	C++ Plus Data Structures, 5/e	Dale	PB	2015	₹795.00
9789380108353	C++: An Active Learning Approach	Breedlove	PB	2010	₹395.00
9789380853772	Cloud Computing	Jamsa	PB	2018	₹495.00
9789384323097	Computer Science Illuminated, 6/e	Dale	PB	2018	₹1495.00
9789380853321	Databases Illuminated, 2/e	Ricardo	PB	2011	₹595.00
9789384323264	Discrete Structures, Logic, and Computability, 4/e	Hein	PB	2017	₹995.00
9789380853949	The Essentials of Computer Organization & Architecture, 4/e	Null	PB	2015	₹995.00
9789384323110	Foundations of Algorithms, 5/e	Neapolitan	PB	2018	₹895.00
9789380108421	Game Design Foundations, 2/e (With CD)	Pedersen	PB	2010	₹295.00
9789380853161	Intelligent Systems: Principles, Paradigms and Pragmatics	Schalkoff	PB	2011	₹695.00
9789380108254	Introducing the Theory of Computation	Goddard	PB	2017	₹325.00
9789384323219	An Introduction to Formal Languages and Automata, 6/e	Linz	PB	2017	₹495.00
9789380108803	Managing Software Projects	Tsui	PB	2011	₹325.00
9789380108506	Programming and Problem Solving with C++, 5/e	Dale	PB	2010	₹995.00



B-1, 4262/3 Ansari Road, Daryaganj, New Delhi 110002 | Tel: +91 11 43613900, 43613901, 23258325
 Fax: +91 11 23280359 | Email: info@jbpublishing.com | Website: www.jblearning.com

To purchase books, please visit your nearest bookseller. If you have questions, please contact our distributor:



VIVA BOOKS PRIVATE LIMITED

www.vivagroupindia.com

NEW DELHI: 4737/23 Ansari Road, Daryaganj, New Delhi 110002 | T: 011 42242200 | F: 42242240 | vivadelhi@vivagroupindia.net

MUMBAI: 76, Service Industries, Shirvane, Sector-1, Nerul, Navi Mumbai 400706 | T: 022 27721274, 27721273 | vivamumbai@vivagroupindia.net

CHENNAI: Megh Tower, Old No. 307, New No. 165, Poonamallee High Road, Maduravoyal, Chennai 600095
 T: 044 23780991, 0992, 0994 | F: 23780995 | vivachennai@vivagroupindia.net

KOLKATA: B-103 Jindal Towers, 21/1A/3 Darga Road, Kolkata 700017 | T: 033 22816713 | F: 033 40015499 | vivakolkata@vivagroupindia.net

BENGALURU: 194, First Floor, Subbarama Chetty Road, Near Nettakallappa Circle, Basavanagudi, Bengaluru, 560 004 | T: 080 26607409, 26607410 | vivabangalore@vivagroupindia.net

HYDERABAD: 101-102 Moghal Marc Apartments, 3-4-637 to 641 Narayanguda, Hyderabad 500029 | T: 040 27564481, 27564482 | vivahyderabad@vivagroupindia.net

KOCHI: First Floor, Beevi Towers, SRM Road, Koor, Kochi, Kerala 682018 | T: 0484-2403055, 2403056 | vivakochi@vivagroupindia.net

GUWAHATI: 232 GNB Road, Beside UCO Bank, Silpukhuri, Guwahati 781003 | T: 0361-2666386 | vivaguwahati@vivagroupindia.net

*Prices are subject to change without prior notice.