



Pearson Education
Higher Education
International
Catalogue:
London 2022
Computer Science &
Engineering

Fundamentals of Web
Development - Pearson eText
Edition 3
Randy Connolly



Rights sold

9780137610822

Previous edition

Publication date 23-09-2021

Pearson

Pages

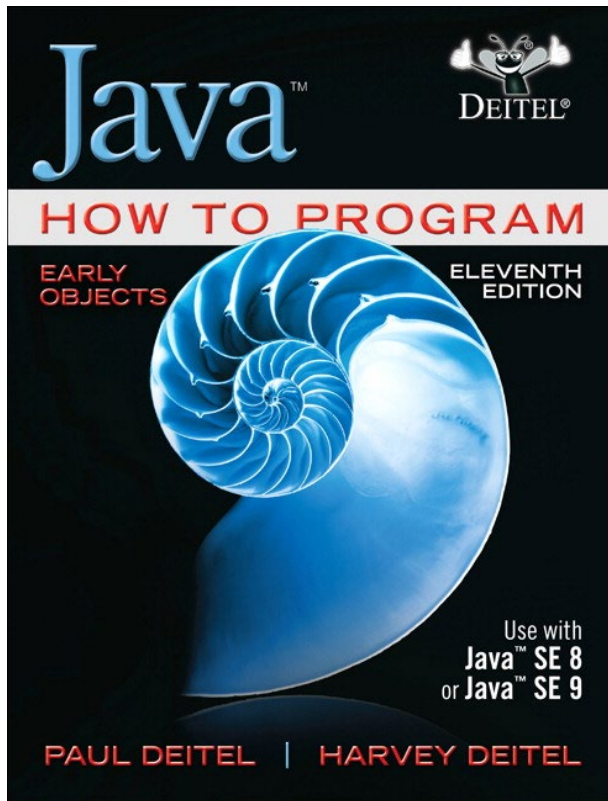
RRP \$34.96

Short description

Discipline/Subject
Computer Science

Author bio

Java How to Program - Revel for Edition 12 Paul J. Deitel



Rights sold

9780137598670

Previous edition 9780134743356

Publication date 15-09-2022

Pearson

Pages

RRP \$89.99

Short description

Unparalleled breadth and depth of object-oriented programming concepts
The Deitels' groundbreaking How to Program series offers unparalleled breadth and depth of programming fundamentals, object-oriented programming concepts and intermediate-level topics for further study

Discipline/Subject

Computer Science

Author bio

Paul J. Deitel, CEO and Chief Technical Officer of Deitel & Associates, Inc., is an MIT graduate with 41 years of experience in computing

C How to Program [Rental Edition]

Edition 9

Paul J. Deitel

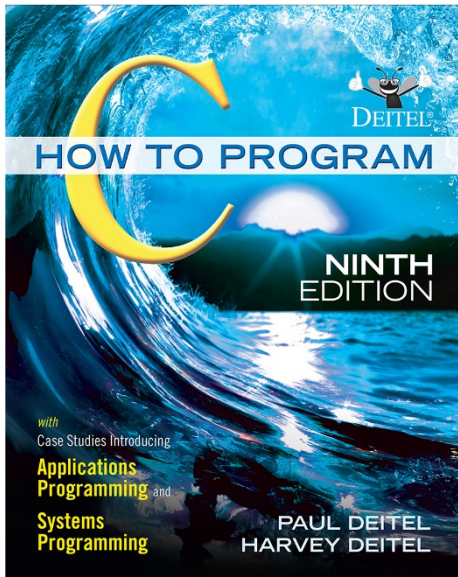


Pearson

Pearson RENTAL EDITION

Save money up front. Want to keep it at the end of the term? That's an option too.

Rights sold Greek, Chinese Simplified



9780137398393

Previous edition

Publication date 22-06-2021

Pearson

Pages 832

RRP \$74.99

Short description

This print textbook is available for students to rent for their classes. A user-friendly, code-intensive introduction to C programming with case studies introducing applications and system programming. C How to Program is a comprehensive introduction to programming in C. The signature live-code approach presents concepts in the context of 142 full-working programs rather than incomplete snips of code. This gives students a chance to run each program as they study it and see how their learning applies to real-world programming scenarios

Discipline/Subject

Computer Science

Author bio

Paul J. Deitel, CEO and Chief Technical Officer of Deitel & Associates, Inc., is an MIT graduate with 41 years of experience in computing

Basics of Web Design - Pearson eText

Edition 6

Terry Felke-Morris



Pearson



Cover image
coming soon

Rights sold

9780136921820

Previous edition

Publication date 01-02-2021

Pearson

Pages

RRP \$34.96

Short description

Basics of Web Design: HTML5 is a foundational introduction to beginning web design and web development. The text provides a balance of "hard" skills such as HTML 5, CSS, and "soft" skills such as web design, publishing to the web, and a focus on accessibility and ethics, giving you a well-rounded foundation to pursue a career as a web professional and the tools you need to build your skills in the fields of web design, web graphics, and web development.

Discipline/Subject

Computer Science

Author bio

Dr. Terry Ann Felke-Morris is a Professor Emerita at Harper College in Palatine, Illinois

Starting out with Programming Logic - Pearson eText

Edition 6

Tony Gaddis



Pearson

Rights sold

starting out with >>> **PROGRAMMING
LOGIC AND DESIGN**

SIXTH EDITION



9780137602018

Previous edition 9780137400065

Publication date 15-06-2022

Pearson

Pages

RRP \$44.99



TONY GADDIS

Short description

Statistics offers a trusted, comprehensive introduction to the discipline that emphasizes inference and includes real data integrated throughout. The authors stress the development of statistical thinking, the assessment of credibility and the value of the inferences made from data.

Discipline/Subject

Computer Science

Author bio

Tony has nearly two decades of experience teaching computer science courses, primarily at Haywood Community College.

Starting Out with Programming Logic and Design [RENTAL EDITION]

Edition 6

Tony Gaddis

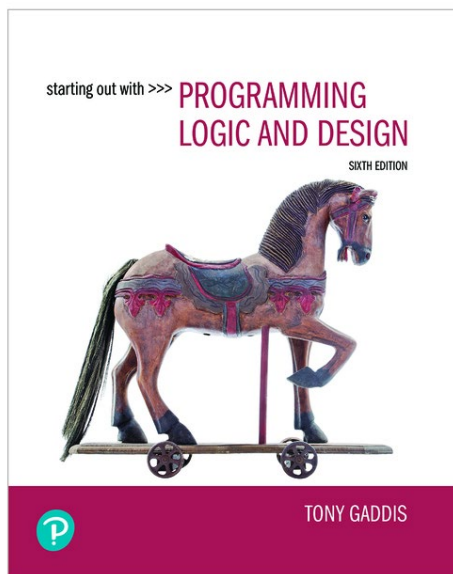


Pearson

Pearson RENTAL EDITION

Save money up front. Want to keep it at the end of the term? That's an option too.

Rights sold



9780137602148

Previous edition 9780134801155

Publication date 18-02-2022

Pearson

Pages 832

RRP \$74.99

Short description

For courses in problem solving and programming logic. A clear and student-friendly introduction to programming logic. Starting Out with Programming Logic and Design introduces programming concepts and problem-solving skills using an accessible, language-independent approach. Fundamental topics and object-oriented concepts are introduced without the complication of language syntax. Easy-to-read pseudocode, flowcharts, examples and exercises help new programmers gain confidence in their skills and learn to recognize the logic of high-quality programs.

Discipline/Subject

Academic Computer Science (Imp

Author bio

Tony Gaddis is the principal author of the Starting Out With series of textbooks. Tony has nearly two decades of experience teaching computer science courses at Haywood Community College.

Starting out with Python - Revel for

Edition 6

Tony Gaddis



Pearson



Pearson

Cover image
coming soon

Rights sold

9780137619153

Previous edition 9780135116517

Publication date 15-06-2022

Pearson

Pages

RRP \$89.99

Short description

Revel™ Starting Out with Python is an interactive learning environment that integrates media, interactives, and assessment throughout the narrative so students can read, explore, and practice essential coding skills in context. In Revel Starting Out with Python, Tony Gaddis' accessible coverage introduces students to the basics of Python programming concepts and problem-solving skills. As with all Gaddis titles, every chapter includes clear and easy-to-read code listings, concise and practical real-world examples, focused explanations and an abundance of exercises

Discipline/Subject

Computer Science

Author bio

Tony has nearly two decades of experience teaching computer science courses, primarily at Haywood Community College.

Introduction to Python Programming - Revel for

Edition 3

Y. Daniel Liang



Pearson



Pearson

Cover image
coming soon

Rights sold

9780137621415

Previous edition 9780135187753

Publication date 15-06-2022

Pearson

Pages

RRP \$89.99

Short description

For introductory courses in Python Programming and Data Structures. Revel™ Introduction to Python Programming and Data Structures introduces students to basic programming concepts using a fundamentals-first approach that prepares students to learn object-oriented programming and advanced Python programming. This approach presents programming concepts and techniques that include control statements, loops, functions, and arrays before designing custom classes. Students learn basic logic and programming concepts prior to moving into object-oriented and GUI programming.

Discipline/Subject

Computer Science

Author bio

Dr. Y. Daniel Liang earned his Ph.D. in Computer Science from the University of Oklahoma in 1991, and an MS and BS in Computer Science from Fudan University in Shanghai, China, in 1986 and 1983.

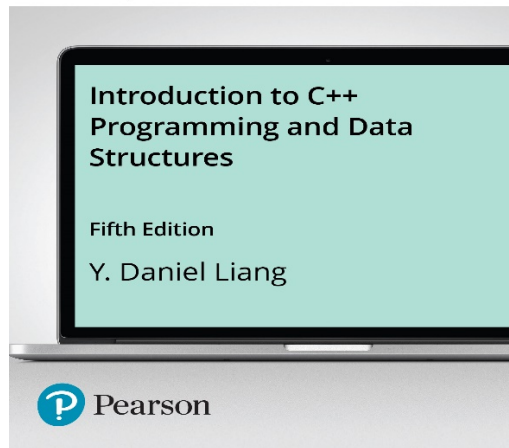
Introduction to C++ Programming - Revel for Edition 5 Y. Daniel Liang



Pearson

Revel

Student Access Code Card
Required for Access to Course Materials



Rights sold

9780136922049

Previous edition 9780134642451

Publication date 12-07-2021

Pearson

Pages

RRP \$59.99

Short description

A fundamentals-first approach to programming helps you create efficient, elegant code.

Revel® for Introduction to Programming with C++ and Data Structures helps you learn essential programming concepts and practice coding in one continuous experience — anytime, anywhere, and on any device. Author Daniel Liang introduces basic programming concepts using a fundamentals-first approach that prepares you to learn object-oriented and advanced C++ programming. More than a digital textbook, Revel delivers an engaging blend of tutorial videos, code animations, coding interactives, self-test items, and graded code assessment interweaved in Liang's proven narrative content and pedagogy. Thousands of contextual examples help you learn how to use programming to solve problems. Up-to-date content reflects recent programming trends, such as cloud storage and touchscreens, and all code is compatible with C++17.

Discipline/Subject

Computer Science

Author bio

Dr. Y. Daniel Liang earned his Ph.D. in Computer Science from the University of Oklahoma in 1991, and an MS and BS in Computer Science from Fudan University in Shanghai, China, in 1986 and 1983.

Absolute C++

Edition 7

Walter Savitch



Pearson



Rights sold

9780135205990

Previous edition 9780133970784

Publication date 01-02-2022

Pearson

Pages 984

RRP \$134.99

Cover image
coming soon

Short description

Absolute C++ is a comprehensive introduction to the C++ programming language. The text is organized around the specific use of C++, providing programmers with an opportunity to master the language completely. Adaptable to a wide range of users, the text is appropriate for beginner to advanced programmers familiar with the C++ language.

Discipline/Subject

Academic Computer Science (Imp

Author bio

Walter Savitch is Professor Emeritus of Computer Science at the University of California-San Diego.

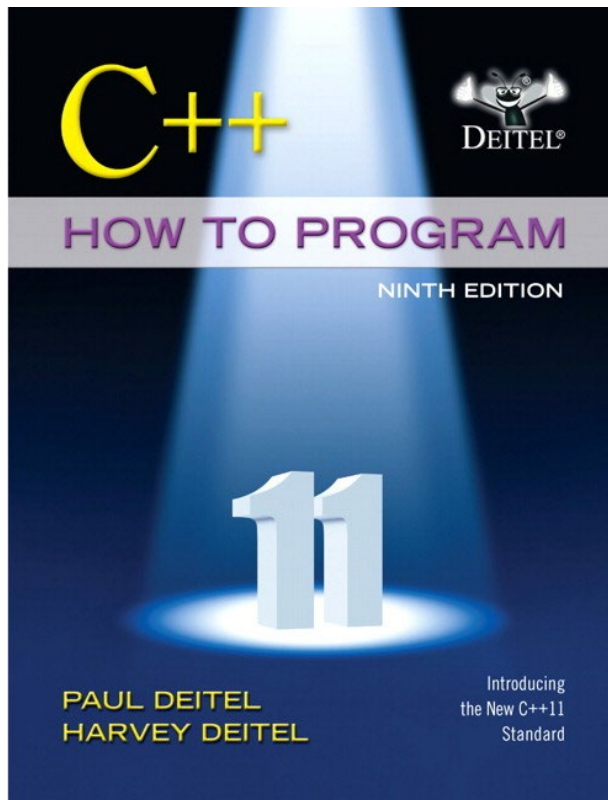
C++ How to Program (Early Objects Version)

Edition 9

Paul Deitel



Pearson



Rights sold Spanish, Turkish, Greek, English [India], English [China], Chinese Simplified

9780133378719

Previous edition 9780273793298

Publication date 02-02-2022

Pearson

Pages 1072

RRP \$136.25

Short description

For Introduction to Programming (CS1) and other more intermediate courses covering programming in C++. This best-selling comprehensive text is aimed at readers with little or no programming experience. It teaches programming by presenting the concepts in the context of full working programs and takes an early-objects approach. The authors emphasize achieving program clarity through structured and object-oriented programming, software reuse and component-oriented software construction. The 9e encourages students to connect computers to the community, using the Internet to solve problems & make a difference in our world.

Discipline/Subject

Academic Computer Science (Imp

Author bio

Paul J. Deitel, CEO and Chief Technical Officer of Deitel Associates Inc., is a graduate of the MIT Sloan School of Management, where he studied Information Technology.

Engineering Software Products: An Introduction to Modern Software Engineering, Global Edition

Edition 1

Ian Sommerville



Pearson



Rights sold

9781292376349

Previous edition

Publication date 12-07-2020

Pearson

Pages 368

RRP £64.99

Short description

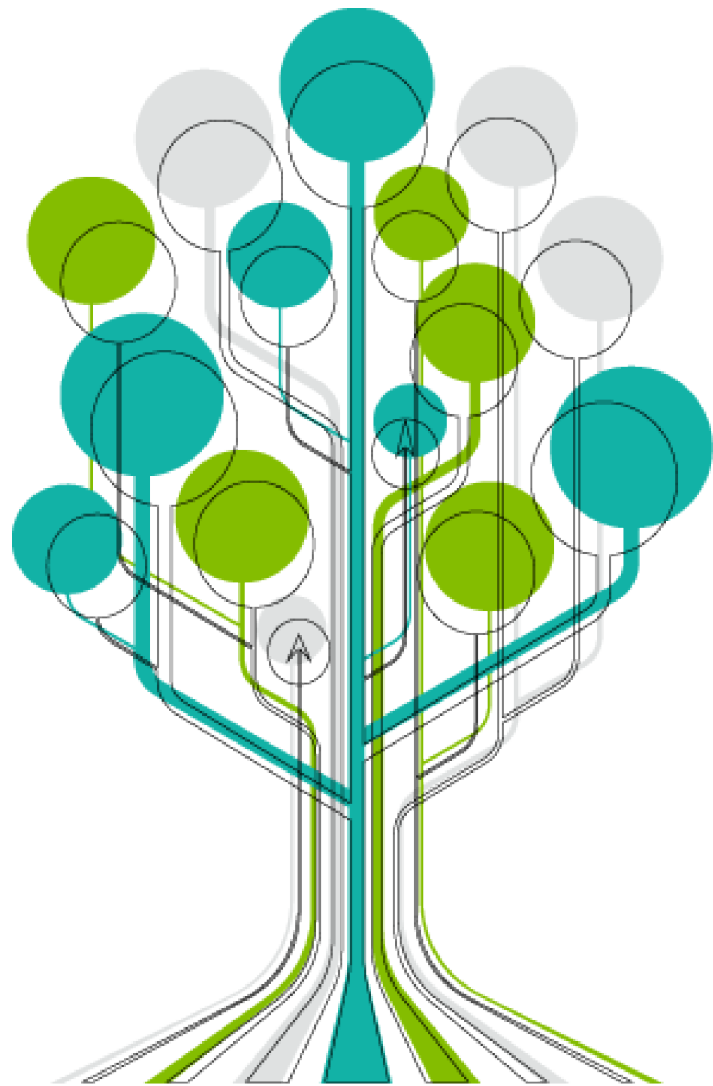
This book has been designed for students taking a first course in software engineering, People thinking about developing a product who don't have much software engineering experience may also find it useful

Discipline/Subject

MGE: Computer Science (Mech Ed)

Author bio

Ian Sommerville is Emeritus Professor of Computer Science at St Andrews University, Scotland. He has a BSc in Physics from Strathclyde University and MSc and PhD degrees in Computer Science from St Andrews University. He has been a full Professor of Computer Science since 1986



FLOURISH
WITH **IMPACT**

Computer Science



Why Computer Science?

- Globally a fast-growing profession.
- Computer applications are growing exponentially.
- Universal languages – C++ is C++ everywhere.

What's the latest news that could positively affect sales success?

- Intro to Programming, already the biggest single contributor to CS sales due to its foundational nature.
- Being taken as an elective for those not majoring in computer science.

What do educators want and need?

- Instructors often find it hard to keep students engaged
- The syntax of the language can be difficult for beginners

What do students want and need?

- Students find it difficult to grasp this new subject without enough practice
- MyLab Programming provides the practice.

Introductory

Intro to Computer Science



Computer Science: An Overview, Global Edition, 13e 2020
Glenn Brookshear, Dennis Brylow
9781292263427



Computer Vision: A Modern Approach: International Edition, 2e 2012
David A. Forsyth, Jean Ponce
9780273764144



Software Engineering, Global Edition, 10e 2016
Ian Sommerville
9781292096131



Engineering Software Products: An Introduction to Modern Software Engineering, 1e 2021
Ian Sommerville
9781292376349

Intro to Programming



Java How to Program, Late Objects, Global Edition, 11e 2020
Harvey Deitel, Paul Deitel
9781292273730



Objects First with Java: A Practical Introduction Using BlueJ, Global Edition, 6e 2017
David J. Barnes
9781292159041



Starting Out with C++ from Control Structures through Objects, Global Edition, 9e 2019
Tony Gaddis
9781292222332



Visual Basic 2012: How to Program, International Edition, 6e 2013
Abbey Deitel, Harvey Deitel, Paul Deitel
9780273793281



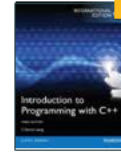
Data Abstraction & Problem Solving with C++: International Edition, 6e 2014
Frank M. Carrano, Timothy M. Henry
9780273768418



Java How to Program: Early Objects, International Edition, 11e 2018
Harvey Deitel, Paul Deitel
9781292223858



Internet and World Wide Web: How to Program: International Edition, 5e 2012
Harvey M. Deitel, Paul Deitel, Abbey Deitel
9780273764021



Introduction to Programming with C++, International Edition, 3e 2013
Y. Daniel Liang
9780273793243



Starting Out with Python, 5e 2022
Tony Gaddis
9781292408637



Intro to Python for Computer Science and Data Science: Learning to Program with AI, Big Data and the Cloud, Global Edition, 1e 2022
Deitel Paul J.
9781292364902



Introduction to Java Programming and Data Structures, Comprehensive Version, 12e 2022
Y. Daniel Liang
9781292402079

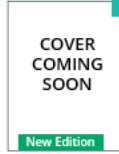
Intro to Programming



Introduction to Python Programming and Data Structures, Global Edition, 2e 2022
Y. Daniel Liang
9781292424125



C How to Program: With Case Studies Introducing Applications and Systems Programming, 9e, Global Edition, 2022
Paul Dietel
TBD



Concepts of Programming Languages, Global Edition, 2023
Robert Sebesta
TBD

The titles with symbols on the page can be packaged with our MyLab products, or are available in alternative formats. These resources are designed to improve results and help you achieve your course goals.

- Horizon
- MyLab Programming
- MyLab MIS
- Pearson eText
- Enhanced eBook

Introductory

Intro to Computer S



Computer Science: An Overview, Global Edition, 13e 2020
Glenn Brookshear, Dennis Brylow
9781292263427

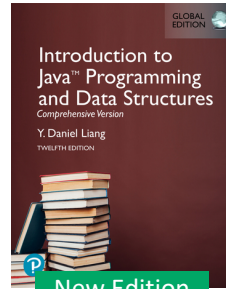


Computer Vision: A Modern Approach: International Edition, 2e 2012
David A. Forsyth, Jean Ponce
9780273764144



Software Engineering, Global Edition, 10e 2016
Ian Sommerville
9781292096131

Intro to Programming



Introduction to Java Programming and Data Structures, Comprehensive Version, 12e 2022
Y. Daniel Liang
9781292402079



Java™ How to Program, Late Objects, Global Edition, 11e 2020
Harvey Deitel, Paul Deitel
9781292273730



Objects First with Java, 6e 2012
David J. Barnes, Robert E. Peck
9781292100000

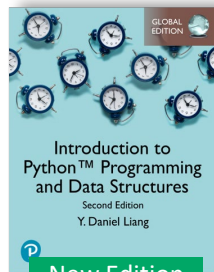


Single Visual Basic™ 2010, 10e 2010
Michael S. Kanter
9780132351199

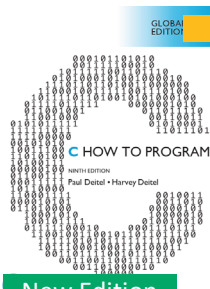


Visual Basic™ 2012, 10e 2012
Michael S. Kanter
9780132351199

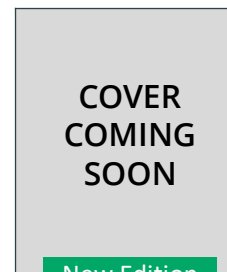
Intro to Programming



Introduction to Python Programming and Data Structures, Global Edition
2e 2022
Y. Daniel Liang
9781292424125



C How to Program, Global Edition
2023
Paul Dietel
TBD



Concepts of Programming Languages, Global Edition,
2023
Robert Sebesta
TBD

Intro



Introduction to Python Programming and Data Structures, Global Edition, 2e 2022
Y. Daniel Liang
9781292424125

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gramming

ext

eBook




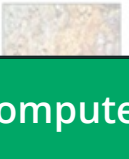




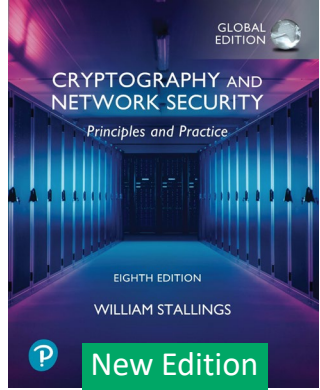
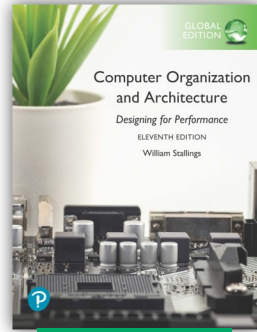
Advanced

Networking		Artificial Intelligence		Data Structures		Data Mining		Computer Organization/ Architecture	
Computer Networking: A Top-Down Approach, Global Edition, 8e 2022 James Kurose, Keith Ross 9781292405469	Computer Networks, Global Edition, 6e 2021 Andrew S Tanenbaum 9781292374062	Artificial Intelligence: A Modern Approach, Global Edition, 4e 2022 Stuart Russell, Peter Norvig 9781292401133	Data Structures and Algorithm Analysis in Java: International Edition, 3e 2012 Mark Allen Weiss 9780273752110	Introduction to Data Mining, 2e 2019 Pang-Ning Tan, Michael Steinbach, Anuj Karpatne, Vipin Kumar 9780273769224	Structured Computer Organization: International Edition, 6e 2013 Andrew S Tanenbaum, Todd Austin 9780273769248	Computer Organization and Architecture, 11e 2022 William Stallings 9781292420103			
Programming for Engineers		Database Systems		Softside IT		Network Security			
Engineering Problem Solving with C++, International Edition, 3e 2012 Delores M Etter, Jeanine A. Ingber 9780273764052	Engineering Problem Solving with C, International Edition, 4e 2012 Delores M Etter 9780273768203	Database Systems: A Practical Approach to Design, Implementation, and Management, Global Edition, 6e 2015 Thomas Connolly, Carolyn Begg 9781292061184	Fundamentals of Database Systems, Global Edition, 7e 2017 Ramez Elmasri, Shamkant B. Navathe 9781292097619	Essentials of MIS, Global Edition, 14e 2020 Kenneth Laudon, Jane Laudon 9781292342634	Management Information Systems: Managing the Digital Firm, Global Edition, 17e 2021 Kenneth Laudon, Jane Laudon 9781292403281	E-commerce 2021-2022: Business, Technology, Society, Global Edition, 17e 2021 Kenneth Laudon, Carol Traver 9781292409313	Cryptography and Network Security: Principles and Practice, Global Edition, 8e 2023 William Stallings TBD		






The titles with symbols on the page can be packaged with our MyLab products, or are available in alternative formats. These resources are designed to improve results and help you achieve your course goals.

- Horizon
- MyLab Programming
- MyLab MIS
- Pearson eText
- Enhanced eBook

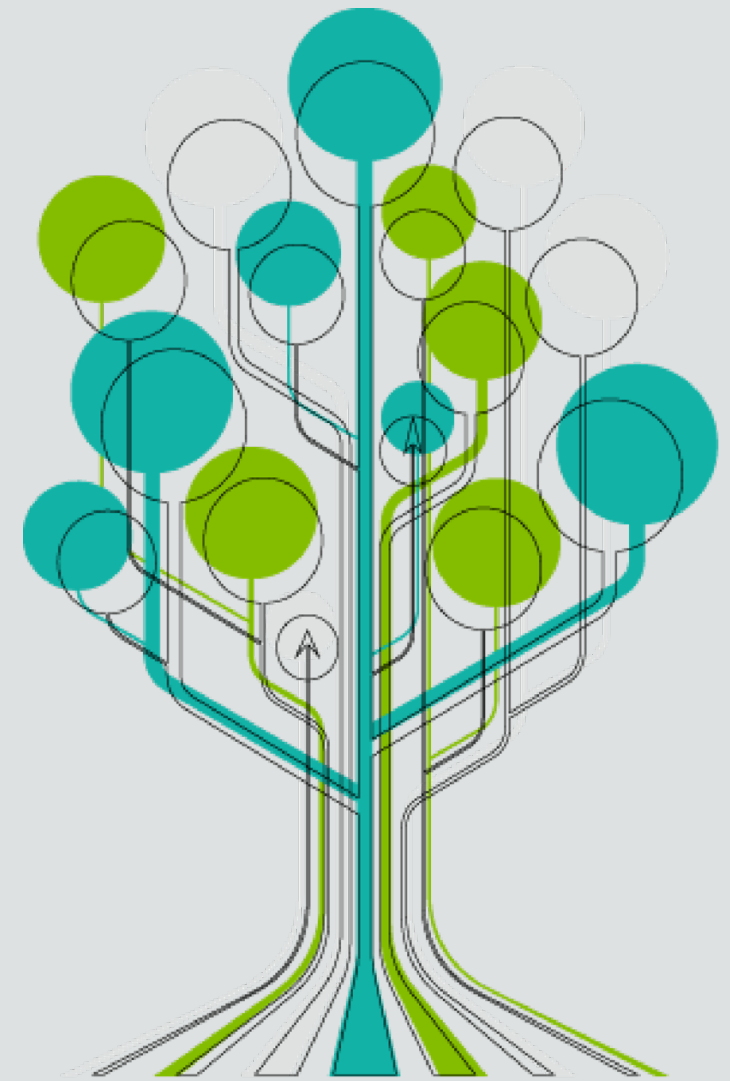
Advanced

Networking	Artificial Intelligence	Data Structures	Data Mining	Computer Organization/ Architecture
 <p>Computer Networking: A Top-Down Approach, Global Edition, 8e 2022 James Kurose, Keith Ross 9781292405469</p>	 <p>Intelligence: A Guide to Modern Artificial Intelligence, Global Edition, 2022 Peter Norvig 1133</p>	 <p>Data Structures and Algorithm Analysis in Java: International Edition, 3e 2012 Mark Allen Weiss 9780273752110</p>	 <p>Data Mining: Introduction to Concepts and Techniques, Global Edition, 2022 William Stallings 420103</p>	 <p>Computer Organization and Architecture: Designing for Performance ELEVENTH EDITION William Stallings 420103</p>
 <p>Engineering Problem Solving with C++: International Edition, 3e 2012 Delores M Etter, Jeanine A. Ingber 9780273764052</p>	 <p>Essentials of MIS, Global Edition, 14e 2020 Kenneth Laudon, Jane Laudon 9781292342634</p>	 <p>Manage System Digital F Kenneth 97</p>	 <p>Networking</p> <p>GLOBAL EDITION</p> <p>CRYPTOGRAPHY AND NETWORK SECURITY <i>Principles and Practice</i></p> <p>EIGHTH EDITION</p> <p>WILLIAM STALLINGS</p> <p>New Edition</p> <p>Cryptography and Network Security: Principles and Practice, Global Edition, 8e 2022 William Stallings TBD</p>	 <p>Computer Org/ Architecture</p> <p>GLOBAL EDITION</p> <p>Computer Organization and Architecture <i>Designing for Performance</i> ELEVENTH EDITION William Stallings</p> <p>New Edition</p> <p>Computer Organization and Architecture, 11e 2022 William Stallings 9781292420103</p>

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-  Horizon
-  MyLab Programming
-  MyLab MIS
-  Pearson eText
-  Enhanced eBook

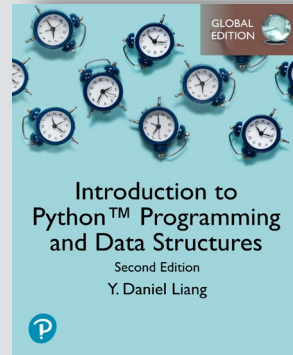
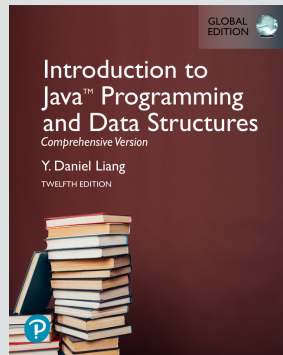
Digital developments



FLOURISH
WITH **IMPACT**

Digital developments for 2022

Revel is coming to Computer Science in June 2022



Tools will be forthcoming to help you demo when courses are available in June!

Coming soon...



Google Analytics report for Mastering Computer Science across HEI markets:

- Product usage metrics across discipline (incl. GE and UKE)
- User behaviour (educators and students)
- What features work/don't work and making adoptions stickier

Product presentation

Computer Science

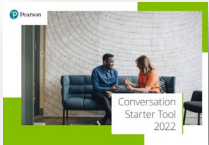


Introduction to Java Programming and Data Structures, Comprehensive Version, Global Edition 12e Y. Daniel Liang

CST 2022:
UK – p66
CE – pXXX

How will you generate sales with this product in 2022?

- Teaches programming in a problem-driven way.
- Integrates programming, data structures, and algorithms in one.
- Case Studies are easy-to-follow and show how to solve problems.
- VideoNotes provide step-by-step video tutorials.
- Companion website offers algorithm animations and quizzes.
- Will come with Revel, MyLab Programming, Pearson eText, uPub



ISBN: 9781292402079
Pub date: Oct 2021
Extent: 1240 pp
Previous ISBN: 9781292222028

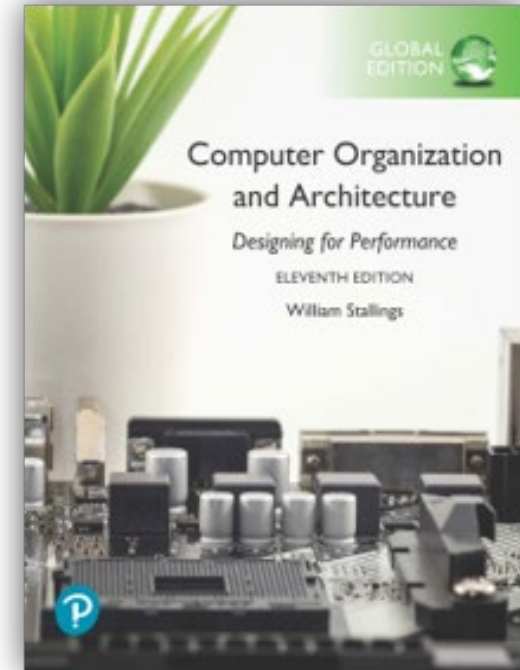
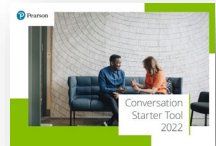


Computer Organization and Architecture, Global Edition 11e William Stallings

CST 2022:
UK – p64
CE – pXXX

How will you generate sales with this product in 2022?

- Shows latest technology, research, and innovations in the field;
- Supports ACM/IEEE Computer Science Curricula 2013 and Engineering Curricula 2016.
- The treatment of assembly language expanded and new chapter on memory hierarchy.
- Digital courseware: eBook (uPDF) and Companion Website



ISBN: 9781292420103
Expected pub date: November 2021
Extent: 896pp
Previous ISBN: 9781292096858

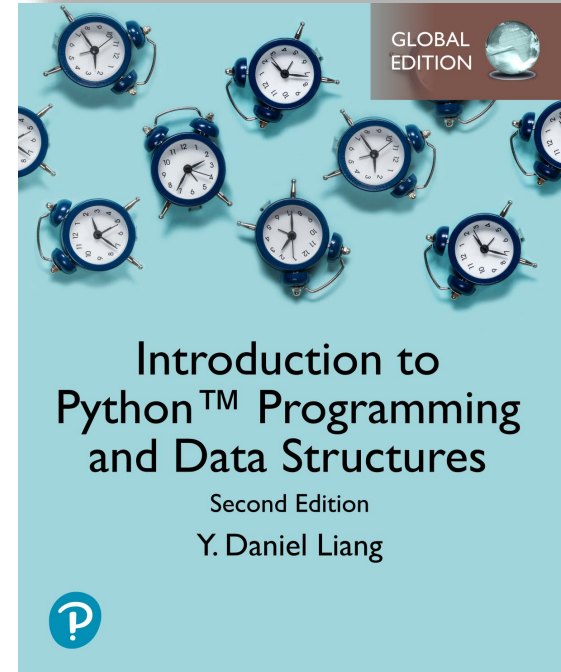


Introduction to Python Programming and Data Structures, Global Edition 2e Y. Daniel Liang

CST 2022:
UK – p68
CE – pXXX

How will you generate sales with this product in 2022?

- “Fundamentals first” approach
- Introduces basic programming concepts and techniques
- Focus on problem solving rather than syntax
- Covers all topics in a typical data structures course
- Covers using data structures before implementation



ISBN: 9781292424125
Expected pub date: 22/5/2022

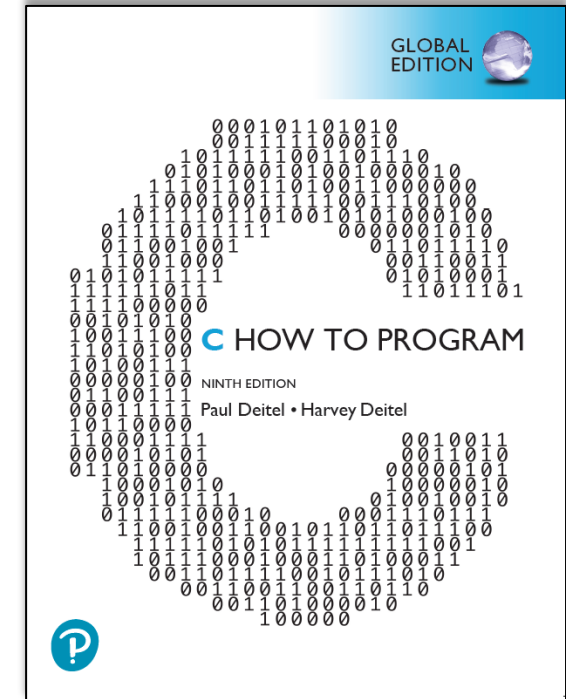


Deitel & Deitel, C How to Program: With Case Studies in Applications and Systems Programming Global Edition 9e

CST 2022:
UK – pXXX
CE – pXXX

How will you generate sales with this product in 2022?

- Concepts explained in the context of real-world C programs.
- Each code example followed by input/output dialogs.
- Rich collection of case studies on computer-science, AI, and more.
- Adheres to C11/C18 standards.
- Comes with MyLab Programming, and a Pearson eText



ISBN: TBD
Expected pub date: 16/04/2022
Extent: 1008pp
Previous ISBN: 9781292110974




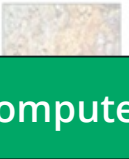





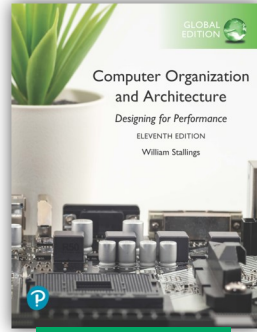


MyLab

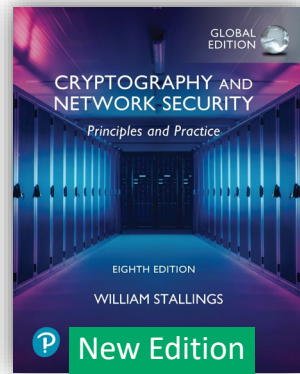


Pearson
eText

Advanced

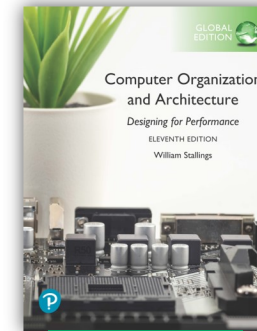
Networking	Artificial Intelligence	Data Structures	Data Mining	Computer Organization/ Architecture
 <p>Computer Networking: A Top-Down Approach, Global Edition, 8e 2022 James Kurose, Keith Ross 9781292405469</p>	 <p>Intelligence: A Guide to the Modern World, Global Edition, 2022 Peter Norvig 1133</p>	 <p>Data Structures and Algorithm Analysis in Java: International Edition, 3e 2012 Mark Allen Weiss 9780273752110</p>	 <p>Data Mining: Introduction to Concepts and Algorithms, 2e 2011 Michael H. Dunham 9780131418939</p>	 <p>Computer Organization and Architecture: Designing for Performance, Eleventh Edition William Stallings 9780130513542</p>
 <p>Engineering Problem Solving with C++: International Edition, 3e 2012 Delores M Etter, Jeanine A. Ingber 9780273764052</p>	 <p>Database Systems: Concepts and Design, 9e 2019 Elmasri, Abraham 9780130309341</p>	 <p>Essentials of MIS, Global Edition, 14e 2020 Kenneth Laudon, Jane Laudon 9781292342634</p>	 <p>Managing System Digital F... Kenneth 97...</p>	 <p>Computer Organization and Architecture, 11e 2022 William Stallings 9781292420103</p>

Networking








Cryptography and Network Security: Principles and Practice, Global Edition, 8e 2023
William Stallings
TBD

Computer Org/ Architecture



Computer Organization and Architecture, 11e 2022
William Stallings
9781292420103

The titles with symbols on the page can be packaged with our MyLab products, or are available in alternative formats. These resources are designed to improve results and help you achieve your course goals.

-  Horizon
-  MyLab Programming
-  MyLab MIS
-  Pearson eText
-  Enhanced eBook



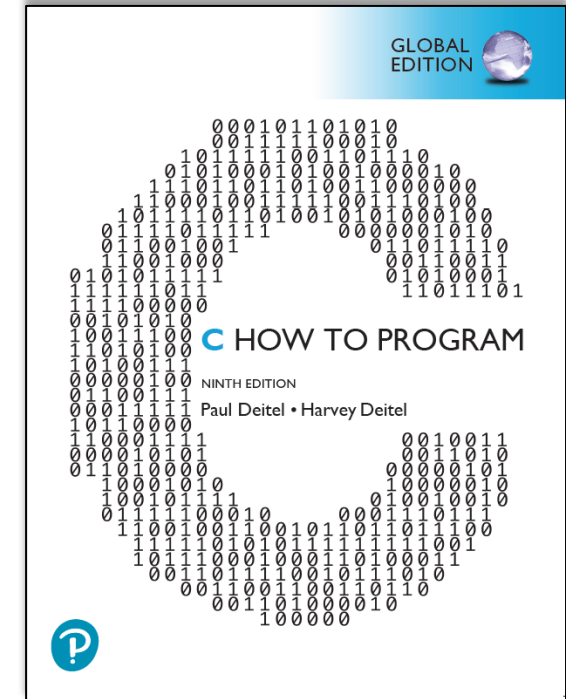
Pearson

Deitel & Deitel, C How to Program: With Case Studies in Applications and Systems Programming Global Edition 9e

CST 2022:
UK – pXXX
CE – pXXX

How will you generate sales with this product in 2022?

- Concepts explained in the context of real-world C programs.
- Each code example followed by input/output dialogs.
- Rich collection of case studies on computer-science, AI, and more.
- Adheres to C11/C18 standards.
- Comes with MyLab Programming, and a Pearson eText



ISBN: TBD
Expected pub date: 16/04/2022
Extent: 1008pp
Previous ISBN: 9781292110974

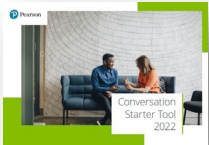


Introduction to Java Programming and Data Structures, Comprehensive Version, Global Edition 12e Y. Daniel Liang

CST 2022:
UK – p66
CE – pXXX

How will you generate sales with this product in 2022?

- Teaches programming in a problem-driven way.
- Integrates programming, data structures, and algorithms in one.
- Case Studies are easy-to-follow and show how to solve problems.
- VideoNotes provide step-by-step video tutorials.
- Companion website offers algorithm animations and quizzes.
- Will come with Revel, MyLab Programming, Pearson eText, uPub



GLOBAL EDITION

Introduction to
Java™ Programming
and Data Structures
Comprehensive Version
Y. Daniel Liang
TWELFTH EDITION

ISBN: 9781292402079
Pub date: Oct 2021
Extent: 1240 pp
Previous ISBN: 9781292222028

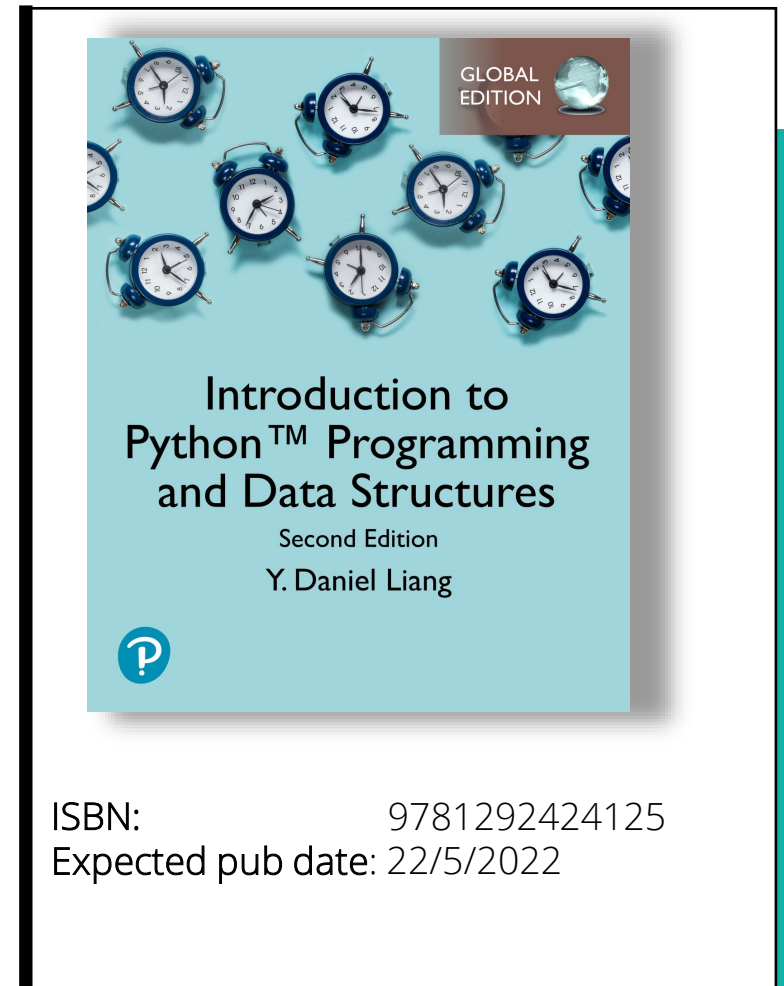


Introduction to Python Programming and Data Structures, Global Edition 2e Y. Daniel Liang

CST 2022:
UK – p68
CE – pXXX

How will you generate sales with this product in 2022?

- “Fundamentals first” approach
- Introduces basic programming concepts and techniques
- Focus on problem solving rather than syntax
- Covers all topics in a typical data structures course
- Covers using data structures before implementation

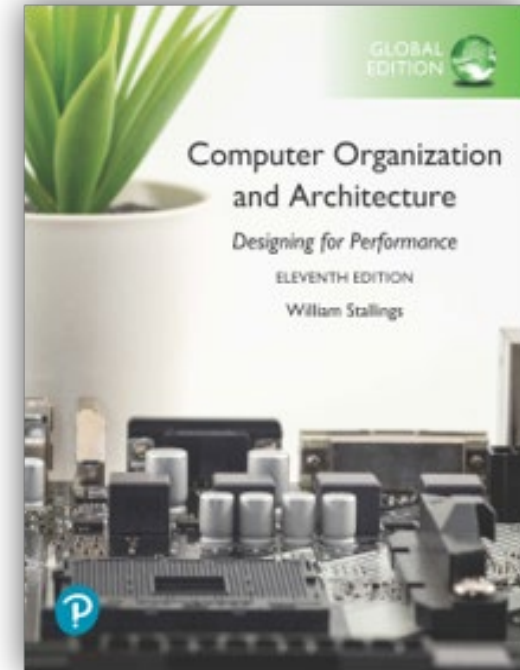
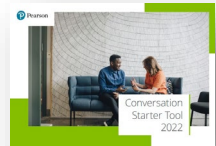


Computer Organization and Architecture, Global Edition 11e William Stallings

CST 2022:
UK – p64
CE – pXXX

How will you generate sales with this product in 2022?

- Shows latest technology, research, and innovations in the field;
- Supports ACM/IEEE Computer Science Curricula 2013 and Engineering Curricula 2016.
- The treatment of assembly language expanded and new chapter on memory hierarchy.
- Digital courseware: eBook (uPDF) and Companion Website



ISBN: 9781292420103
Expected pub date: November 2021
Extent: 896pp
Previous ISBN: 9781292096858



Companion
Website

Introductory

Intro to Computer Science



Computer Science: An Overview, Global Edition, 13e 2020
Glenn Brookshear, Dennis Brylow
9781292263427



Computer Vision: A Modern Approach: International Edition, 2e 2012
David A. Forsyth, Jean Ponce
9780273764144



Software Engineering, Global Edition, 10e 2016
Ian Sommerville
9781292096131



Engineering Software Products: An Introduction to Modern Software Engineering, 1e 2021
Ian Sommerville
9781292376349

Intro to Programming



Java How to Program, Late Objects, Global Edition, 11e 2020
Harvey Deitel, Paul Deitel
9781292273730



Objects First with Java: A Practical Introduction Using BlueJ, Global Edition, 6e 2017
David J. Barnes
9781292159041



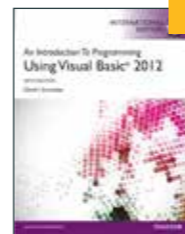
Simply Visual Basic 2010: An App-Driven Approach: International Edition, 4e 2012
Harvey M. Deitel, Paul Deitel, Abbey Deitel
9780273776819



Visual Basic 2012 How to Program, International Edition, 6e 2013
Abbey Deitel, Harvey Deitel, Paul Deitel
9780273793281



Data Abstraction & Problem Solving with C++: International Edition, 6e 2014
Frank M. Carrano, Timothy M. Henry
9780273768418



An Introduction to Programming Using Visual Basic 2012, International Edition, 9e 2013
David Schneider
9780273793342



Internet and World Wide Web How to Program: International Edition, 5e 2012
Harvey M. Deitel, Paul Deitel, Abbey Deitel
9780273764021



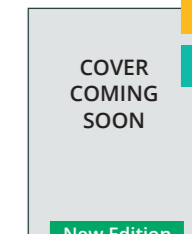
Introduction to Programming with C++, International Edition, 3e 2013
Y. Daniel Liang
9780273793243



Starting Out with Python, 5e 2022
Tony Gaddis
9781292408637



Intro to Python for Computer Science and Data Science: Learning to Program with AI, Big Data and the Cloud, Global Edition, 1e 2022
Deitel Paul J.
9781292364902






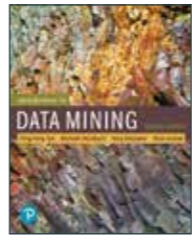

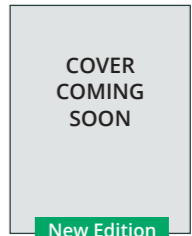
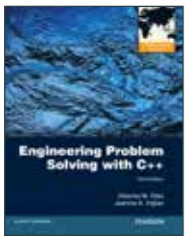


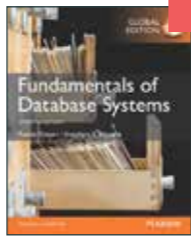


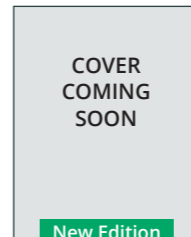


Introduction to Java Programming and Data Structures, Comprehensive Version, 12e 2022
Y. Daniel Liang
9781292402079






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- Horizon
- MyLab Programming
- MyLab MIS
- Pearson eText
- Enhanced eBook

Advanced

Networking			Artificial Intelligence		Data Structures	Data Mining	Computer Organization/ Architecture	
								
New Edition		New Edition	New Edition				New Edition	
Computer Networking: A Top-Down Approach, Global Edition, 8e 2022 James Kurose, Keith Ross 9781292405469	Cryptography and Network Security: Principles and Practice, Global Edition, 7e 2017 William Stallings 9781292158587	Computer Networks, Global Edition, 6e 2022 Andrew S Tanenbaum 9781292374062	Artificial Intelligence: A Modern Approach, Global Edition, 4e 2022 Stuart Russell, Peter Norvig 9781292401133	Data Structures and Algorithm Analysis in Java: International Edition, 3e 2012 Mark Allen Weiss 9780273752110	Introduction to Data Mining, 2e 2019 Pang-Ning Tan, Michael Steinbach, Anuj Karpatne, Vipin Kumar 9780273769224	Structured Computer Organization: International Edition, 6e 2013 Andrew S Tanenbaum, Todd Austin 9780273769248	Computer Organization and Architecture, 11e 2022 William Stallings TBD	
Programming for Engineers		Database Systems		Softside IT				
								
	New Edition				New Edition	New Edition		
Engineering Problem Solving with C++: International Edition, 3e 2012 Delores M Etter, Jeanine A. Ingber 9780273764052	Engineering Problem Solving with C: International Edition, 4e 2012 Delores M Etter 9780273768203	Database Systems: A Practical Approach to Design, Implementation, and Management, Global Edition, 6e 2015 Thomas Connolly, Carolyn Begg 9781292061184	Fundamentals of Database Systems, Global Edition, 7e 2017 Ramez Elmasri, Shamkant B. Navathe 9781292097619	Essentials of MIS, Global Edition, 14e 2020 Kenneth Laudon, Jane Laudon 9781292342634	Management Information Systems: Managing the Digital Firm, Global Edition, 17e 2021 Kenneth Laudon, Jane Laudon 9781292403281	E-commerce 2021-2022: Business, Technology and Society, Global Edition, 17e 2021 Kenneth Laudon, Carol Traver 9781292409313		

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-  Horizon
-  MyLab Programming
-  MyLab MIS
-  Pearson eText
-  Enhanced eBook

Dynamics of Structures - Pearson eText

Edition 6

Anil K. Chopra



Pearson



Pearson

Cover image
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Rights sold

9780137602605

Previous edition 9780134555126

Publication date 01-02-2022

Pearson

Pages

RRP \$54.99

Short description

No prior knowledge of structural dynamics is assumed, and the presentation is detailed and integrated enough to make the text suitable for self-study.

As a title on vibrations and structural dynamics, this book has no competition.

The material includes many topics in the theory of structural dynamics, along with applications of this theory to earthquake analysis, response, design, and evaluation of structures, with an emphasis on presenting this often difficult subject in as simple a manner as possible through numerous worked-out illustrative examples.

Discipline/Subject

Engineering

Author bio

An expert on structural dynamics and earthquake engineering, Anil K. Chopra fills an important niche, explaining the material in an approachable style

Modern Control Systems - Pearson eText

Edition 14

Richard C. Dorf



Pearson



Pearson

Cover image
coming soon

Rights sold

9780136922018

Previous edition

Publication date 01-02-2021

Pearson

Pages

RRP \$48.74

Short description

Modern Control Systems presents the structure of feedback control theory and provides a sequence of exciting discoveries as students proceed through the text and problems. Written to be equally useful for all engineering disciplines, this text is organized around the concept of control systems theory in the context of frequency and time domains. It provides coverage of both classical and modern methods of control engineering to give students a strong foundation in basic principles that they can utilize to explore advanced topics in later chapters.

Discipline/Subject

Engineering

Author bio

Richard C. Dorf was Emeriti Faculty of Electrical and Computer Engineering at the University of California, Davis

Elementary Surveying [Rental Edition]

Edition 16

Charles D. Ghilani

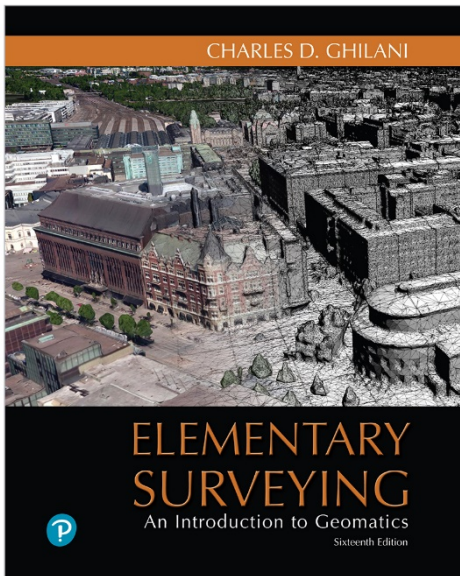


Pearson

Pearson RENTAL EDITION

Save money up front. Want to keep it at the end of the term? That's an option too.

Rights sold



9780136822806

Previous edition 9780134604657

Publication date 13-01-2021

Pearson

Pages 992

RRP \$74.99

Short description

This print textbook is available for students to rent for their classes. A highly readable bestseller, Elementary Surveying presents basic concepts and practical material in each of the areas fundamental to modern surveying (geomatics) practice. While introductory, its depth and breadth also make it ideal for self-study and preparation for licensing examinations. The 16e includes more than 400 figures and illustrations to help clarify discussions and rewritten worked example problems to illustrate computational procedures. It is updated throughout to provide a state-of-the-art presentation of surveying equipment and procedures

Discipline/Subject

Engineering

Author bio

Dr. Charles Ghilani is a Professor of Engineering in the B.S. Surveying Engineering and A.S. Surveying Technology programs at Penn State.

Mechanics of Materials - Pearson eText

Edition 11

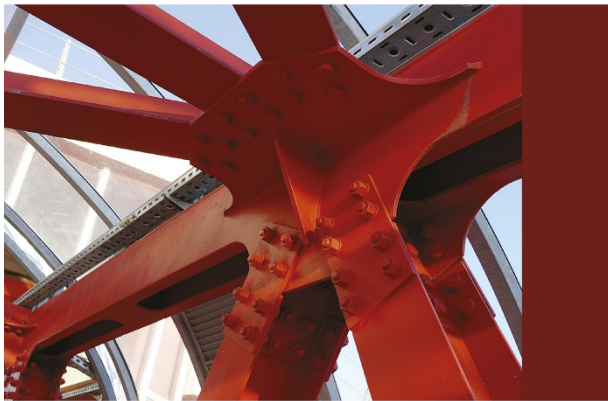
Russell C. Hibbeler



Pearson

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MECHANICS OF
MATERIALS
Eleventh Edition



9780137605385

Previous edition

Publication date 01-02-2022

Pearson

Pages

RRP \$54.99



R. C. HIBBELER

Short description

For undergraduate courses in mechanics of materials.

A proven approach to conceptual understanding and problem-solving skills

Mechanics of Materials excels in providing a clear and thorough presentation of the theory and application of mechanics of materials principles. ***Mechanics of Materials*** empowers students to succeed by drawing upon Professor Hibbeler's decades of classroom experience and his knowledge of how students learn. The text is shaped by the comments and suggestions of hundreds of reviewers in the teaching profession, as well as many of his students.

The **11th Edition** is linked to new videos that cover the lecture material, the example problems and the Fundamental Problems. The videos are designed to actively engage the student in the material and the solution process.

Discipline/Subject

Engineering

Author bio

R.C. Hibbeler graduated from the University of Illinois at Urbana with a BS in Civil Engineering (majoring in Structures) and an MS in Nuclear Engineering

Modified Mastering Engineering with Pearson eText -

Engineering Mechanics: Statics

Edition 15

Russell C. Hibbeler



Pearson

**Modified Mastering
Engineering**

Rights sold

9780134867298

Student Access Code Card
Required for Access to Course Materials

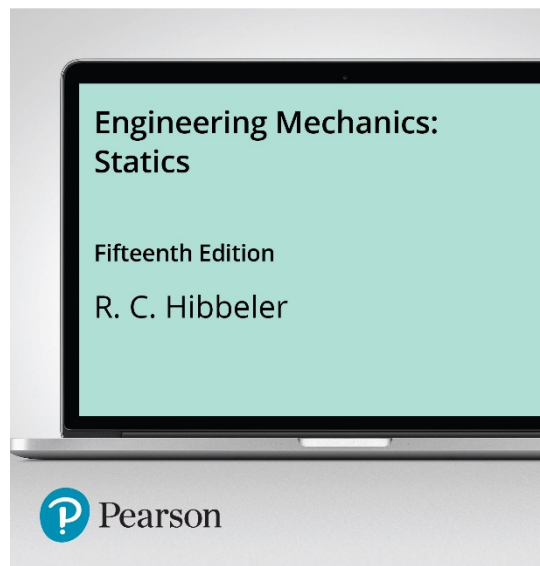
Previous edition 9780133922448

Publication date 01-06-2021

Pearson

Pages 672

RRP \$89.99



Short description

A proven approach to conceptual understanding and problem-solving skills. Engineering Mechanics: Statics excels in providing a clear and thorough presentation of the theory and application of engineering mechanics. Engineering Mechanics empowers students to succeed by drawing upon Professor Hibbeler's decades of everyday classroom experience and his knowledge of how students learn. The text is shaped by the comments and suggestions of hundreds of reviewers in the teaching profession, as well as many of the author's students.

Discipline/Subject

Engineering

Author bio

R.C. Hibbeler graduated from the University of Illinois at Urbana with a BS in Civil Engineering (majoring in Structures) and an MS in Nuclear Engineering

Modified Mastering Engineering with Person eText Engineering Mechanics: Dynamics

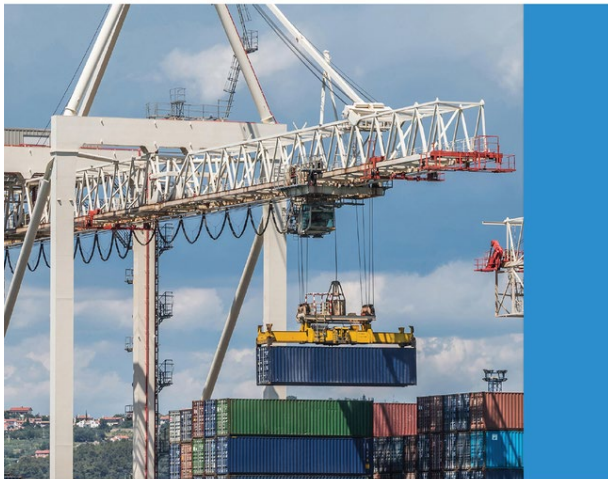
Edition 15

Russell C. Hibbeler



Pearson

Engineering Mechanics
**STATICS &
DYNAMICS**
Fifteenth Edition



R. C. HIBBELER

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9780134867243

Previous edition

Publication date 01-10-2021

Pearson

Pages

RRP \$119.99

Short description

A proven approach to conceptual understanding and problem-solving skills. Engineering Mechanics: Statics & Dynamics excels in providing a clear and thorough presentation of the theory and application of engineering mechanics. Engineering Mechanics empowers students to succeed by drawing upon Professor Hibbeler's decades of everyday classroom experience and his knowledge of how students learn. The text is shaped by the comments and suggestions of hundreds of reviewers in the teaching profession, as well as many of the author's students.

Discipline/Subject

Engineering

Author bio

R.C. Hibbeler graduated from the University of Illinois at Urbana with a BS in Civil Engineering (majoring in Structures) and an MS in Nuclear Engineering

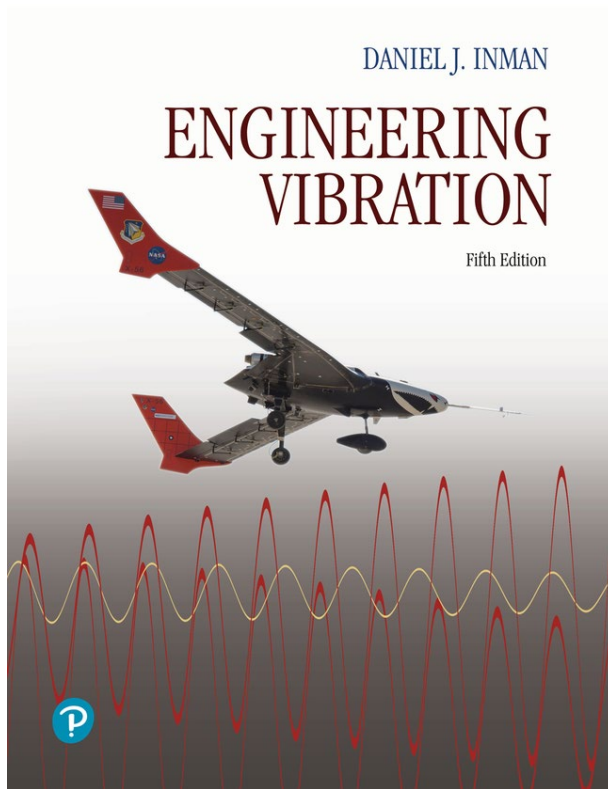
Engineering Vibration [Rental Edition]

Edition 5

Daniel J. Inman



Pearson



Rights sold

9780136809852

Previous edition 9780132871693

Publication date 22-04-2021

Pearson

Pages 736

RRP \$74.99

Short description

This print textbook is available for students to rent for their classes. For one/two-semester introductory courses in vibrations or structural dynamics for undergraduates in Mechanical Engineering, Civil Engineering, Aerospace Engineering or Engineering Mechanics.

Serving as both a text and reference manual, Engineering Vibration connects traditional design-oriented topics, an introduction of modal analysis and the use of computational codes with MATLAB®. Special-interest windows summarize essential information and help remind students of prior or background information pertinent to the topic at hand. The author provides an unequalled combination of the study of conventional vibration.

Discipline/Subject

Engineering

Author bio

Daniel J. Inman received his Ph.D. from Michigan State University in Mechanical Engineering in 1980

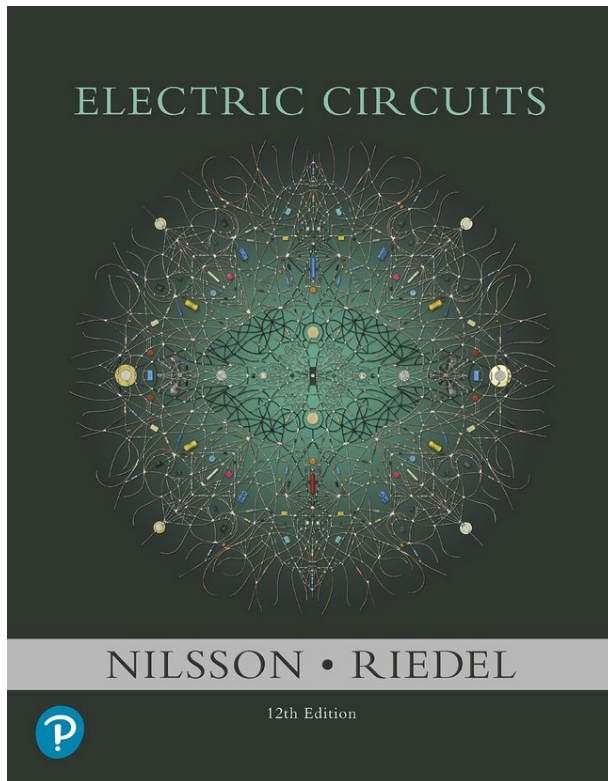
Electric Circuits - Pearson eText

Edition 12

James W. Nilsson



Pearson



Rights sold

9780137648160

Previous edition

Publication date 01-02-2022

Pearson

Pages

RRP \$64.99

Short description

For introductory courses in circuit analysis/theory.

Challenge students to develop the insight of a practicing engineer

Electric Circuits provides thorough coverage of circuit analysis and theory. It presents key concepts in a natural progression, motivating students to build on their knowledge. Step-by-step analysis methods provide a solid foundation for students to develop their problem-solving skills. Over 1200 problems and nearly 200 examples introduce realistic engineering experiences that challenge students to develop the insights of a practicing engineer.

The **12th Edition** includes all new assessment problems with answers and completely updated end-of-chapter problems.

Discipline/Subject

Engineering

Author bio

We remember our beloved author, **James W. Nilsson**, for his lasting legacy to the electrical and computer engineering field

Contemporary Engineering Economics - Pearson eText

Edition 7

Chan S Park



Pearson



Pearson

Cover image
coming soon

Rights sold

9780137633111

Previous edition

Publication date 01-02-2022

Pearson

Pages

RRP \$74.99

Short description

Discipline/Subject
Engineering

Author bio

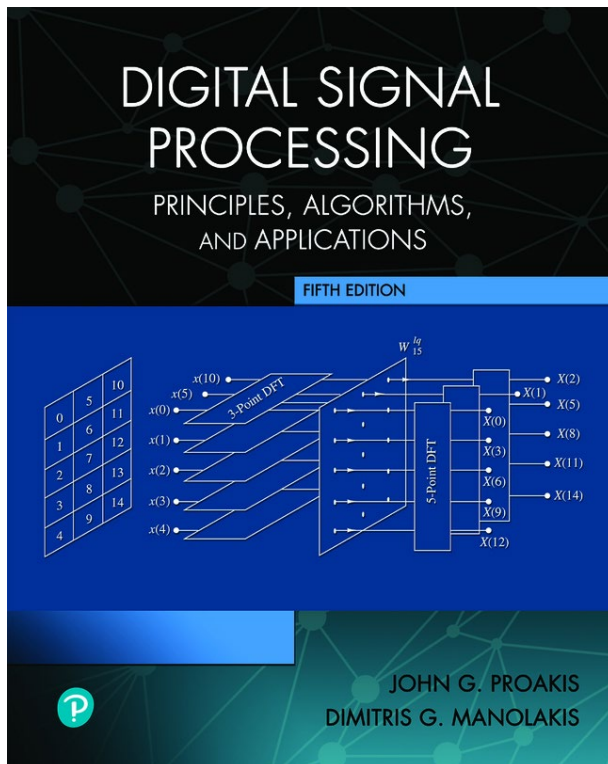
Digital Signal Processing [Rental Edition]

Edition 5

John G. Proakis



Pearson



Rights sold Chinese Simplified

9780137348244

Previous edition 9780131873742

Publication date 19-02-2021

Pearson

Pages 1168

RRP \$74.99

Short description

This print textbook is available for students to rent for their classes. Digital Signal Processing presents the fundamental concepts and techniques of discrete-time signals, systems and modern digital processing as well as related algorithms and applications for students in electrical engineering, computer engineering, and computer science departments. Covering both time-domain and frequency-domain methods for the analysis of linear, discrete-time systems, the 5e includes a new chapter on multirate digital filter banks and wavelets. Included are numerous examples and over 500 homework and computer problems that emphasize software implementation of digital signal processing algorithms.

Discipline/Subject
Engineering

Author bio

Known as a digital communications expert & inspiring educator John G. Proakis has helped shape electrical engineering and digital communications programs & composed textbooks that have influenced graduate students worldwide

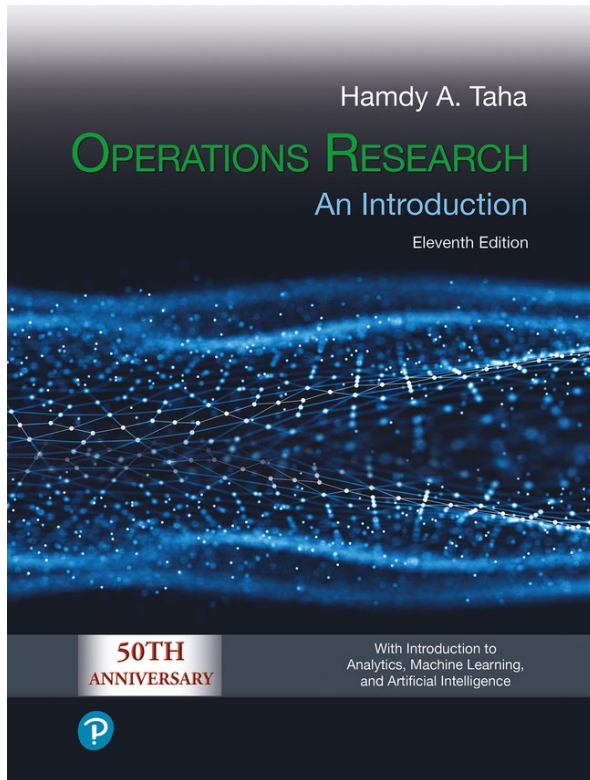
Operations Research - Pearson eText

Edition 11

Hamdy A. Taha



Pearson



Rights sold

9780137625727

Previous edition 9780134444017

Publication date 01-02-2022

Pearson

Pages

RRP \$54.99

Short description

For junior/senior undergraduate and first-year graduate courses in Operations Research in departments of Industrial Engineering, Business Administration, Statistics, Computer Science, and Mathematics.

Operations Research provides a broad focus on algorithmic and practical implementation of Operations Research (OR) techniques, using theory, applications, and computations to teach students OR basics. The book can be used conveniently in a survey course that encompasses all the major tools of operations research, or in two separate courses on deterministic and probabilistic decision-making.

Discipline/Subject
Engineering

Author bio

Hamdy A. Taha is a University Professor Emeritus of Industrial Engineering with the University of Arkansas, where he taught and conducted research in operations research and simulation

Modern Operating Systems

Edition 5

Andrew S. Tanenbaum



Pearson



Rights sold

9780137618880

Previous edition

Publication date 01-09-2022

Pearson

Pages

RRP \$44.99

Cover image
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Short description

For introductory courses in operating systems.

Practical coverage of big-picture concepts

Modern Operating Systems incorporates the latest developments and technologies in operating systems (OS) technologies. Author Andy Tanenbaum's clear and entertaining writing style outlines the concepts every OS designer needs to master. In-depth topic coverage includes processes, threads, memory management, file systems, I/O, deadlocks, interface design, multimedia, performance tradeoffs, and trends in OS design. Case studies explore popular OS and provide real-world context. Tanenbaum also provides information on current research based on his experience as an operating systems researcher.

Discipline/Subject

Engineering

Author bio

Reinforced Concrete [Rental Edition]

Edition 8

James K. Wight



Pearson

Pearson RENTAL EDITION

Save money upfront. Want to keep it at the end of the term? That's an option, too.

Rights sold

9780136834144

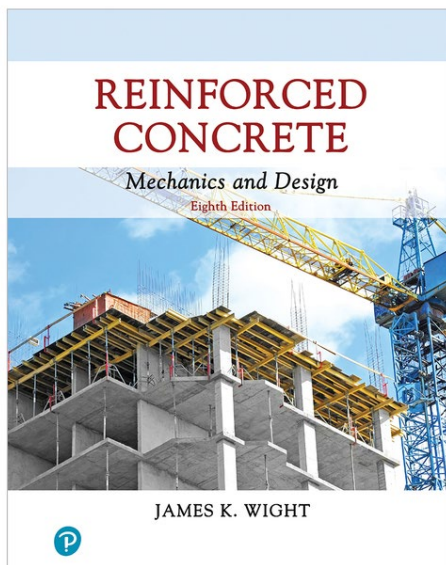
Previous edition

Publication date 05-01-2021

Pearson

Pages 1088

RRP \$74.99



Short description

This print textbook is available for you to rent for your classes. Reinforced Concrete: Mechanics and Design uses the theory of reinforced concrete design to teach the basic scientific and artistic principles of civil engineering. Examples and practice problems help you develop your engineering judgement and learn to apply complicated engineering concepts to real-world scenarios. The 8e is up to date with the 2019 Edition of the ACI 318-19 Building Code for Structural Concrete, giving you access to accurate information that can be applied outside of the classroom.

Discipline/Subject

Engineering

Author bio

James K. Wight received his B.S. and M.S. degrees in civil engineering from Michigan State University in 1969 and 1970, respectively, and his Ph.D. from the University of Illinois in 1973.

Manufacturing Organization and Management

Edition 7

Harold T Amrine



Pearson



Pearson

Cover image
coming soon

Rights sold

9780130198587

Previous edition 9780135548585

Publication date 15-07-2022

Pearson

Pages 700

RRP \$79.99

Short description

Explores the principles, practices, functions and challenges of manufacturing management -- using an approach that is accessible to those with little or no background in any of the areas of manufacturing organization and management.

Discipline/Subject

Engineering (Imports)

Author bio

Steel Structures

Edition 1

Harry Cole



Pearson



Rights sold

9780136016465

Previous edition

Publication date 01-09-2022

Pearson

Pages 800

RRP \$109.99

Cover image
coming soon

Short description

Discipline/Subject

Engineering (Imports)

Author bio

Introduction to LabVIEW

Edition 1

Lina Karam



Pearson



Rights sold

9780132324250

Previous edition

Publication date 20-12-2021

Pearson

Pages 250

RRP \$49.99

Cover image
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Short description

Discipline/Subject

Engineering (Imports)

Author bio

Engineering Case Studies

Edition 1

James N. Jensen



Pearson



Rights sold

9780132122559

Previous edition

Publication date 20-12-2021

Pearson

Pages 256

RRP \$39.99

Cover image
coming soon

Short description

This collection of engineering case studies presents stories of young engineers faced with challenges that can be solved by applying fundamental engineering ideas. The case studies can be used to present or integrate course material. This title is part of Prentice Hall ESource series. ESource allows professors to select the content appropriate for their freshman/first-year engineering course. Professors can adopt the published manuals as is or use ESource website www.prenhall.com/esource to view and select the chapters they need, in the sequence they want. The option to add their own material or copyrighted material from other publishers also exists.

Discipline/Subject

Engineering (Imports)

Author bio

Dr. James N. Jensen is Professor of Environmental Engineering in the Department of Civil, Structural, and Environmental Engineering at the University at Buffalo.

Sustainable Construction Supervisor Trainee Guide

Edition 2
NCCER



Pearson



Pearson

Cover image
coming soon

Rights sold

9780133782912

Previous edition 9780132154154

Publication date 20-12-2021

Pearson

Pages

RRP \$50.00

Short description

This new module was developed to instruct construction supervisors on sustainable construction management techniques, especially as they relate to the construction-phase LEED points targeted for their projects. Key content includes coverage of project sustainability goals, green building materials and technologies, green building methods and processes and more!

Discipline/Subject

Engineering (Imports)

Author bio

Mechanics and Durability of Solids, Volume II

Edition 1

Franz-Josef Ulm



Pearson



Rights sold

9780131402829

Previous edition

Publication date 01-06-2022

Pearson

Pages 450

RRP \$79.99

Cover image
coming soon

Short description

Discipline/Subject

Engineering (Imports)

Author bio

Pearson eText An Introduction to Geotechnical Engineering -- Access Card

Edition 3

Robert D Holtz



Pearson



Cover image
coming soon

Rights sold

9780135619346

Previous edition 9780132496346

Publication date 01-08-2022

Pearson

Pages

RRP \$34.96

Short description

Intended for use in the first of a two course sequence in geotechnical engineering usually taught to third- and fourth-year undergraduate civil engineering students. An Introduction to Geotechnical Engineering offers a descriptive, elementary introduction to geotechnical engineering with applications to civil engineering practice.

Discipline/Subject

Engineering (Imports)

Author bio

Bob Holtz, PhD, PE, D.GE, has degrees from Minnesota and Northwestern, he attended the Special Program in Soil Mechanics at Harvard

User's Guide to Engineering, A

Edition 2
James N. Jensen



Rights sold

9780136080541

Previous edition 9780131480254

Publication date 20-12-2021

Pearson

Pages 375

RRP \$54.99

Cover image
coming soon

Short description

With an informal and engaging writing style, A User's Guide to Engineering is an exploration of the world of engineering for future and current engineers. This title is part of Prentice Hall's ESource series. ESource allows professors to select the content appropriate for their freshman/first-year engineering course. Professors can adopt the published manuals as is or use ESource website www.prenhall.com/esource to view and select the chapters they need, in the sequence they want. The option to add their own material or copyrighted material from other publishers also exists.

Discipline/Subject

Engineering (Imports)

Author bio

James Jensen is Associate Professor of Civil Engineering and Director of the Environmental Science Program at the State University of New York at Buffalo. Dr. Jensen received his B.S. in Engineering and Applied Sciences from the California Institute of Technology. He received an MSPH and Ph.D. from the University of North Carolina at Chapel Hill.

Engineering Mechanics: Statics & Dynamics [RENTAL EDITION]

Edition 15

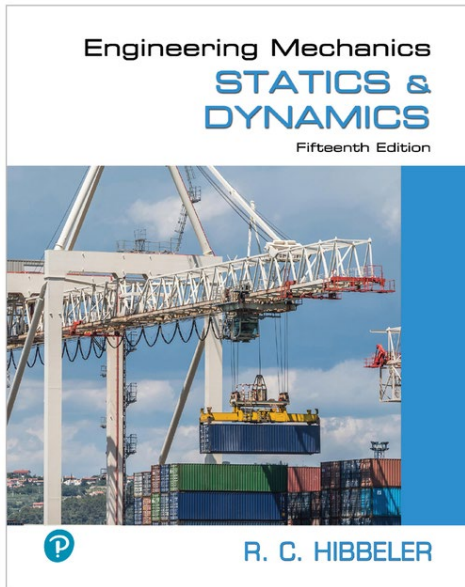
Russell C. Hibbeler



Pearson

Pearson RENTAL EDITION

Rights sold



9780134780955

Previous edition 9780133915426

Publication date 08-07-2021

Pearson

Pages 1408

RRP \$74.99

Short description

A proven approach to conceptual understanding and problem-solving skills. Engineering Mechanics: Statics & Dynamics excels in providing a clear and thorough presentation of the theory and application of engineering mechanics. Engineering Mechanics empowers students to succeed by drawing upon Professor Hibbeler's decades of everyday classroom experience and his knowledge of how students learn. The text is shaped by the comments and suggestions of hundreds of reviewers in the teaching profession, as well as many of the author's students. The author carefully developed each new video to expertly demonstrate how to solve problems, model the best way to reach a solution and give students extra opportunities to practice honing their problem-solving skills

Discipline/Subject

Engineering (Imports)

Author bio

R.C. Hibbeler graduated from the University of Illinois at Urbana with a BS in Civil Engineering (majoring in Structures) and an MS in Nuclear Engineering. He obtained his PhD in Theoretical and Applied Mechanics from Northwestern University.

Revel for Fundamentals of HVACR -- Access Card

Edition 4

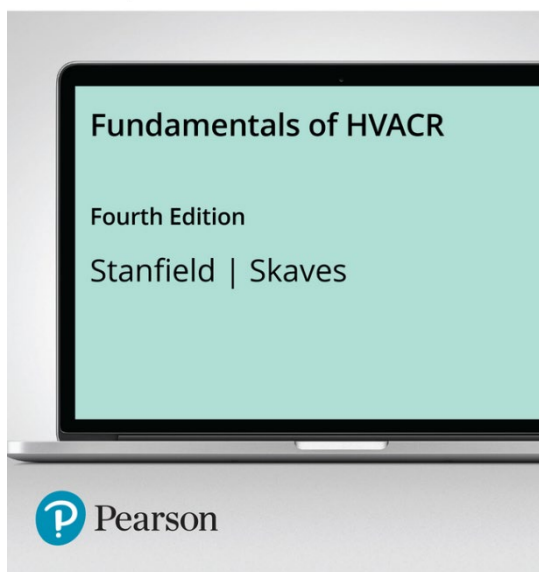
Carter Stanfield



Pearson

Revel

Student Access Code Card
Required for Access to Course Materials



Rights sold

9780136840473

Previous edition 9780134486161

Publication date 02-07-2021

Pearson

Pages

RRP \$89.99

Short description

DIGITAL UPDATE available for Fall 2022 classes For courses in HVACR. Fundamentals of HVACR is a plain-language account of the principles of heating, ventilation, air conditioning and refrigeration. The text is comprehensive enough to serve as the basis of both HVACR courses and entire HVACR programs. Units are short and digestible, presenting complex material clearly and concisely. Practical tips and examples offer context and deepen understanding. The 4e has been updated and revised to meet current industry standards and requirements.

Discipline/Subject

Engineering (Imports)

Author bio

Carter Stanfield was program director of the Air Conditioning Technology Department at Athens Technical College, where he taught full time from 1976 until his retirement in 2016. He currently teaches part time there.

Electric Machines

Edition 3

Charles I. Hubert



Pearson



Rights sold

9780133027969

Previous edition 9780130612106

Publication date 13-01-2022

Pearson

Pages 608

RRP \$79.99

Cover image
coming soon

Short description

For one/two-semester, undergraduate-level courses in Electrical Machinery. Retaining the student-friendly style of the 1e, this unique text fills a gap in the available Electronics and Computer Technology texts by devoting more time to current industrial requirements. It presents AC machines and transformers before DC machines, motors before generators, gives more attention to machine characteristics and makes extensive use of NEMA standards and tables. The “self-contained” nature of each chapter gives instructors significant freedom in course development.

Discipline/Subject

Engineering (Imports)

Author bio

Tower Crane Operations Level 1 Trainee Guide

Edition 2
NCCER



Pearson



Rights sold

9780135185117

Previous edition 9780132137201

Publication date 20-12-2021

Pearson

Pages

RRP \$67.00

Cover image
coming soon

Short description

This exceptionally produced trainee guide features a highly illustrated design, technical hints and tips from industry experts, review questions and a whole lot more! Key content includes Hand Tools for Instrumentation, Electrical Safety, Power Tools for Instrumentation, Electrical Systems for Instrumentation, Metallurgy for Instrumentation, Fasteners, Instrumentation Drawings and Documents, Part One, Gaskets and Packing, Lubricants, Sealants, and Cleaners, Flow, Pressure, Level, and Temperature, Tubing, Piping – 2" and Under and Hoses.

Discipline/Subject

Engineering (Imports)

Author bio

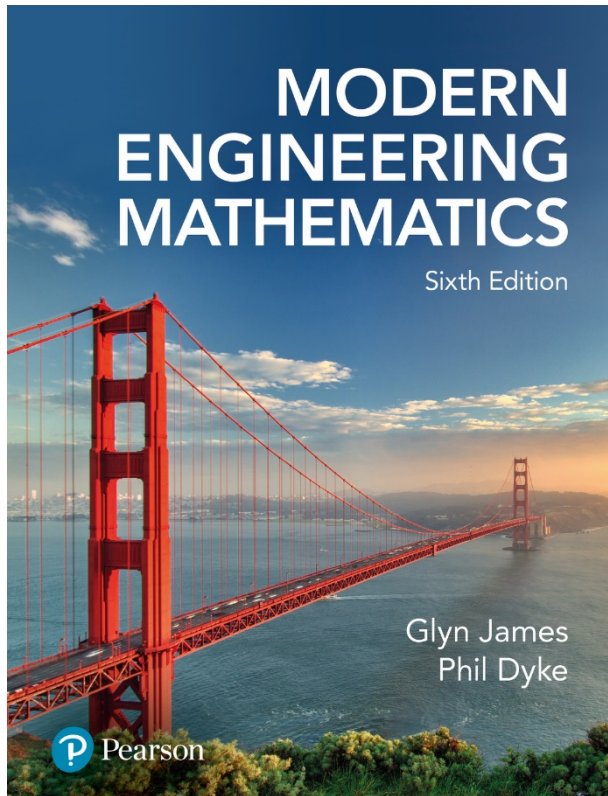
Modern Engineering Mathematics

Edition 6

Glyn James



Pearson



Rights sold

9781292253497

Previous edition 9781292080734

Publication date 2020-02-21

Pearson

Pages 1160

RRP £47.99

Short description

For first-year undergraduate modules in Engineering Mathematics. Develop core understanding and mathematics skills within an engineering context. Modern Engineering Mathematics 6e by Professors Glyn James and Phil Dyke, draws on the teaching experience and knowledge of three co-authors, Matthew Craven, John Searl and Yinghui Wei, to provide a comprehensive course textbook explaining the mathematics required for students studying first-year engineering.

Discipline/Subject

Engineering

Author bio

Glyn James was most recently Emeritus Professor in Mathematics at Coventry University. Glyn James passed away in October 2019, his enthusiastic input was sorely missed. Phil Dyke is Professor of Applied Mathematics at the University of Plymouth.

Manufacturing Processes for Engineering Materials in SI Units

Edition 6

Serope Kalpakjian



Pearson



Rights sold

9781292254388

Previous edition 9789810679538

Publication date 06-01-2021

Pearson

Pages 1136

RRP £55.87

Cover image
coming soon

Short description

This book is created for undergraduate courses in Mechanical, Industrial, Metallurgical, and Materials Engineering Programs. It is also used for graduate courses in Manufacturing Science and Engineering. This comprehensive, up-to-date text has balanced coverage of the fundamentals of materials and processes, adopts an analytical approach, and focuses on applications in manufacturing engineering. Students using this text will be able to properly assess the capabilities, limitations, and potential of manufacturing processes and their competitive aspects.

Discipline/Subject

MGE: Engineering (Mech Ed)

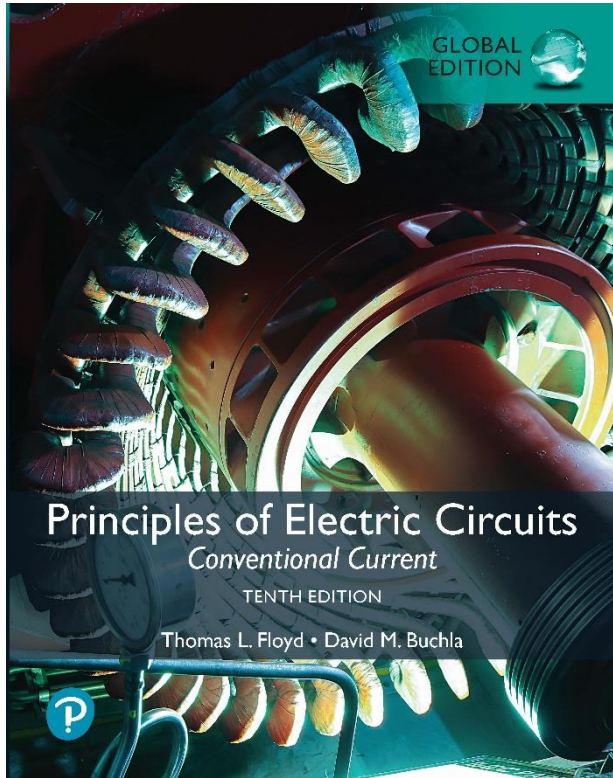
Principles of Electric Circuits: Conventional Current

Edition 10

Floyd L. Thomas



Pearson



Rights sold

9781292358093

Previous edition 9781292025667

Publication date 15-06-2021

Pearson

Pages 1032

RRP £64.99

Short description

Unrivalled problem sets, notable scientific accuracy and currency and remarkable clarity have made Chemistry: The Central Science the leading general chemistry text for more than a decade. Trusted, innovative, and calibrated, the text increases conceptual understanding and leads to greater student success in general chemistry by building on the expertise of the dynamic author team of leading researchers and award-winning teachers.

Discipline/Subject

MGE: Engineering (Mech Ed)

Elements of Chemical Reaction Engineering [GLOBAL EDITION]

Edition 6

H. Scott Fogler



Pearson



Rights sold

9781292416663

Previous edition

Publication date 28-10-2021

Pearson

Pages

RRP £67.99

Cover image coming soon

Short description

For decades, H. Scott Fogler's Elements of Chemical Reaction Engineering has been the world's dominant chemical reaction engineering text. This Sixth Edition and integrated Web site deliver a more compelling active learning experience than ever before. Using sliders and interactive examples in Wolfram, Python, POLYMATH, and MATLAB, students can explore reactions and reactors by running realistic simulation experiments.

Discipline/Subject

GE: Engineering (Global Ed)

Author bio

H. Scott Fogler is the Ame and Catherine Vennema Professor of Chemical Engineering and the Arthur F. Thurnau Professor at the University of Michigan

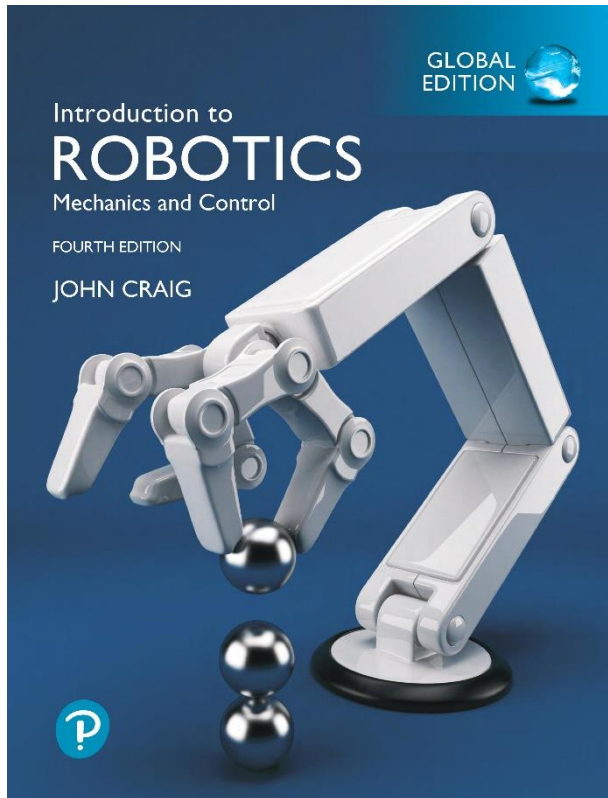
Introduction to Robotics, Global Edition

Edition 4

John J. Craig



Pearson



Rights sold

9781292164939

Previous edition 9781292040042

Publication date 16-08-2021

Pearson

Pages 448

RRP £56.99

Short description

For senior-year undergraduate and first-year graduate courses in robotics. Since its original publication in 1986, Craig's Introduction to Robotics has been the leading textbook for teaching robotics at the university level. Blending traditional mechanical engineering material with computer science and control theoretical concepts, the text covers a range of topics, including rigid-body transformations, forward & inverse positional kinematics, velocities & Jacobians of linkages, dynamics, linear & non-linear control, force control methodologies, mechanical design aspects and robotic programming.

Discipline/Subject

MGE: Engineering (Mech Ed)

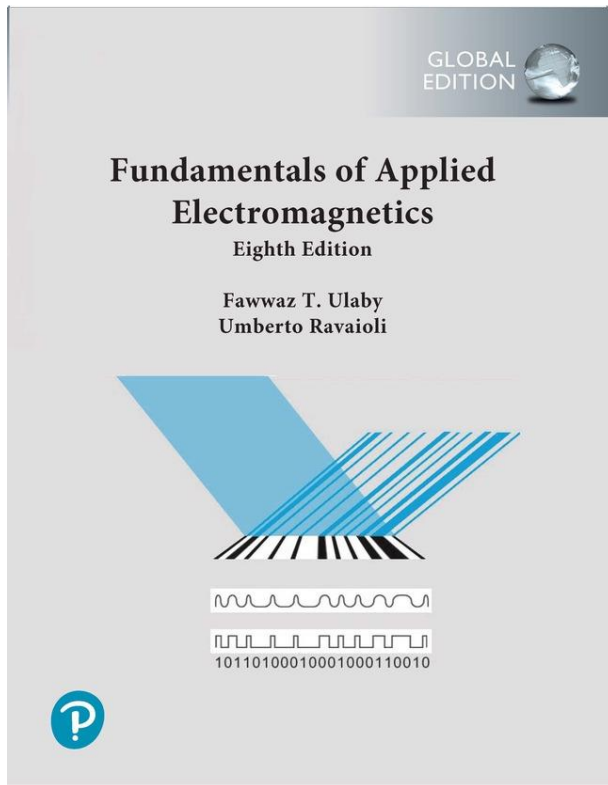
Fundamentals of Applied Electromagnetics, Global Edition

Edition 8

Fawwaz T. Ulaby



Pearson



Rights sold

9781292436739

Previous edition 9781292082448

Publication date 21-03-2022

Pearson

Pages 496

RRP \$54.99

Short description

This authoritative text bridges the gap between circuits and electromagnetics material. Fundamentals of Applied Electromagnetics begins coverage with transmission lines, leading students from familiar concepts into more advanced topics and applications. The 8e builds on the core content and style of previous editions, retaining the student-friendly approach and hands-on simulation modules that help students develop a deeper understanding of electromagnetic concepts and applications. Enhanced graphs & illustrations and an expanded scope of topics in the Technology Briefs, establish additional bridges between electromagnetic fundamentals and their countless engineering and scientific applications.





Discipline/Subject

GE: Engineering (Global Ed)

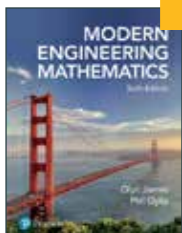
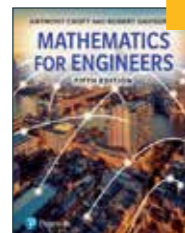
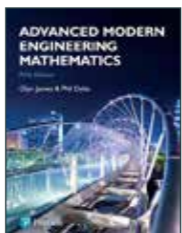
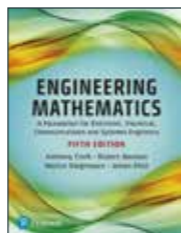
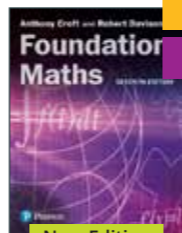
Author bio

Since joining the University of Michigan in 1984, Professor Ulaby has directed numerous interdisciplinary projects aimed at the development of high-resolution satellite radar sensors for mapping Earth's terrestrial environment. He also served as the founding director of the NASA-funded Center for Space Terahertz Technology





Introductory Engineering & Computer Science

Introductory Engineering			
			
Thinking Like an Engineer, Global Edition, 3e 2015 Elizabeth A. Stephan, William J. Park, Benjamin L. Sill 9781292019451	Introduction to Creativity and Innovation for Engineers, Global Edition, 1e 2018 Stuart Walesh 9781292159287	Introduction to Engineering Technology, Global Edition, 8e 2015 Jeffrey L. Rankinen, Robert J. Pond 9781292072111	Communication Skills: A Guide for Engineering and Applied Science Students, 3e 2010 John Davies 9780273729525
ESOURCE/TOOLKIT/INTRO ENGINEERING AND COMPUTING SERIES	INTRODUCTION TO ENGINEERING TECHNOLOGY	TECHNICAL WRITING	









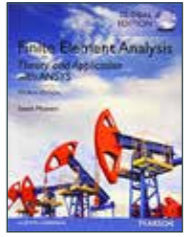

Engineering Graphics/Software			
			
Introduction to MATLAB, Global Edition, 3e 2016 Delores M Etter 9781292019390	MATLAB for Engineers, Global Edition, 5e 2019 Holly Moore 9781292231204	Java Just in Time, 1e 2022 John Latham 9780321428202	Software Project Management, 1e 2022 Keith Haviland 9780321312501
MATLAB		JAVA	SOFTWARE

Numerical Methods				
				
Modern Engineering Mathematics, 6e 2020 Glyn James, Phil Dyke 9781292253497	Mathematics for Engineers, 5e 2019 Anthony Croft, Robert Davison 9781292253640	Advanced Modern Engineering Mathematics, 5e 2019 Glyn James, David Burley, Dick Clements, Phil Dyke, Nigel Steele, John Searl, Jerry Wright 9781292174341	Engineering Mathematics, 5e 2017 Robert Davidson, Anthony Croft, James Flint, Martin Hargreaves 9781292146652	Foundation Maths, 7e 2021 Anthony Croft, Robert Davison 9781292289687
ENGINEERING MATHEMATICS				

The titles with symbols on the page can be packaged with our MyLab and Mastering products, or are available in alternative formats. These resources are designed to improve results and help you achieve your course goals.





-  Mastering Engineering
-  MyLab Math
-  MyLab Engineering
-  Enhanced eBook

Engineering: Civil & Environmental

Introduction to Civil Engineering	Mechanics and Materials Engineering								
 <p>Elementary Surveying, Global Edition, 14e 2016 Charles D. Ghilani, Paul Wolf 9781292060491</p>	 <p>Engineering Mechanics: Statics in SI Units, 14e 2016 Russell C. Hibbeler 9781292089232</p>	 <p>Engineering Mechanics: Dynamics in SI Units, 14e 2017 Russell C. Hibbeler 9781292088723</p>	 <p>Mechanics of Materials in SI Units, 10e 2018 Russell C. Hibbeler 9781292178202</p>	 <p>Statics and Mechanics of Materials in SI Units, 5e 2019 Russell C. Hibbeler 9781292177915</p>	 <p>Applied Fluid Mechanics, Global Edition, 7e 2016 Robert L. Mott, Joseph A. Untener 9781292019611</p>	 <p>Fluid Mechanics for Engineers in SI Units, 1e 2018 David Chin 9781292161044</p>	 <p>Fluid Mechanics in SI Units, 2e 2020 Russell C. Hibbeler 9781292247304</p>	 <p>Finite Element Analysis: Theory and Application with ANSYS, 4e 2015 Saeed Moaveni 9780273774303</p>	 <p>Introduction to Materials Science for Engineers, Global Edition, 8e 2016 James F. Shackelford 9780273793403</p>
SURVEYING	STATICS	DYNAMICS	MECHANICS OF MATERIALS	STATICS AND STRENGTH OF MATERIALS	FLUID MECHANICS		FINITE ELEMENT ANALYSIS	CIVIL ENGINEERING MATERIALS	

Structural Engineering				Thermodynamics
 <p>Structural Analysis in SI Units, 10e 2019 Russell C. Hibbeler 9781292247137</p>	 <p>Reinforced Concrete: Mechanics and Design, Global Edition, 7e 2019 James K. Wight 9781292106007</p>	 <p>Dynamics of Structures in SI Units, 5e 2020 Anil K Chopra 9781292249186</p>	 <p>Structural Steel Design: International Edition, 5e 2012 Jack C. McCormac, Stephen F. Csernak 9780273751359</p>	 <p>Thermodynamics: An Interactive Approach, Global Edition, 1e 2016 Subrata Bhattacharjee 9781292113746</p>
STRUCTURAL ANALYSIS	REINFORCED CONCRETE	STRUCTURAL DYNAMICS	STEEL	THERMODYNAMICS

The titles with symbols on the page can be packaged with our MyLab and Mastering products, or are available in alternative formats. These resources are designed to improve results and help you achieve your course goals.

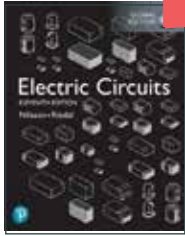
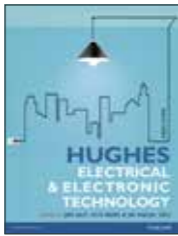

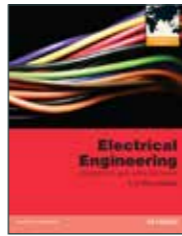
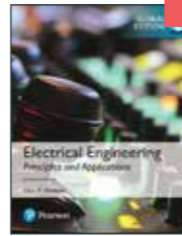
-  Mastering Engineering
-  MyLab Math
-  MyLab Engineering
-  Enhanced eBook

Engineering: Industrial




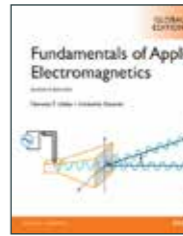

Engineering Economy & Management			Human Factors Engineering	Manufacturing		
 <p>Contemporary Engineering Economics, Global Edition, 6e 2019 Chan S. Park 9781292109091</p>	 <p>Engineering Economy: Global Edition, 17e 2019 William G. Sullivan, Elin M Wicks, C. Patrick Koelling 9781292109091</p>	 <p>Foundations of Decision Analysis, Global Edition, 1e 2016 Ali E. Abbas, Ronald A. Howard 9781292079691</p>	 <p>System Architecture, Global Edition, 1e 2016 Bruce Cameron, Edward Crawley, Daniel Selva 9781292110844</p>	 <p>Occupational Safety and Health for Technologists, Engineers, and Managers, Global Edition, 6e 2015 David L. Goetsch 9781292061993</p>	 <p>Automation, Production Systems, and Computer-Integrated Manufacturing, Global Edition, 4e 2016 Mikell Groover 9781292076119</p>	<div style="border: 1px solid gray; padding: 10px; text-align: center;"> <p>COVER COMING SOON</p> <p>New Edition</p> </div> <p>Manufacturing Engineering & Technology In SI Units, 8e 2022 Serope Kalpakjian, Stephen Schmid TBD</p>
ENGINEERING ECONOMY		ENGINEERING ECONOMICS (ADVANCED)	SYSTEMS ENGINEERING	INDUSTRIAL SAFETY	AUTOMATED MANUFACTURING	MANUFACTURING PROCESSES

Engineering: Electrical

Introduction to Electrical Engineering

 <p>Electric Circuits, Global Edition, 11e 2019 James W. Nilsson, Susan Riedel 9781292261041</p>	 <p>Hughes Electrical and Electronic Technology, 12e 2016 Edward Hughes, John Hiley, Ian McKenzie-Smith, Keith Brown 9781292093048</p>	 <p>Electronics: A Systems Approach, 6th Edition, 6e 2017 Neil Storey 9781292114064</p>	 <p>Electrical Engineering: Concepts and Applications, 1e 2012 S.A. Reza Zekavat 9780273752073</p>	 <p>Electrical Engineering: Principles & Applications, Global Edition, 7e 2018 Allan R. Hambley 9781292223124</p>
INTRODUCTION TO ELECTRICAL ENGINEERING				

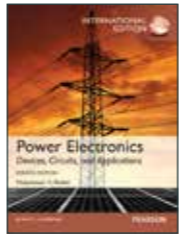
Circuits and Electronics

 <p>Introductory Circuit Analysis, Global Edition, 13e 2016 Robert L. Boylestad 9781292098951</p>	 <p>Principles of Electric Circuits: Conventional Current, 6e 2021 Thomas L Floyd 9781292358093</p>	 <p>Engineering Electromagnetics and Waves, Global Edition, 2e 2016 Aziz Inan, Umran, S. Inan, Ryan Said 9780273793236</p>	 <p>Fundamentals of Applied Electromagnetics, Global Edition, 7e 2012 Fawwaz T. Ulaby, Eric Michielssen, Umberto Ravaioli 9781292082448</p>	 <p>Optoelectronics and Photonics: Principles and Practices: International Edition, 2e 2013 Safa O. Kasap 9780273774174</p>
CIRCUIT ANALYSIS	ELECTRIC CIRCUITS	ELECTROMAGNETICS		OPTOELECTRONICS


Controls

 <p>Feedback Control of Dynamic Systems: Global Edition, 8e 2019 Gene F. Franklin, J. David Powell 9781292274522</p>	<p>COVER COMING SOON</p> <p>New Edition</p> <p>Modern Control Systems, Global Edition, 14e 2022 Richard C. Dorf, Robert H. Bishop TBD</p>	 <p>Mechatronics: Electronic Control Systems in Mechanical and Electrical Engineering, 7e 2019 W. Bolton 9781292250977</p>	 <p>Digital Control System Analysis & Design, Global Edition, 4e 2015 Charles L. Phillips, Troy Nagle, James Brickley, Aranya Chakraborty 9781292061221</p>	 <p>Nonlinear Control, Global Edition, 1e 2015 Hassan K. Khalil 9781292060507</p>
CONTROL THEORY	MECHATRONICS	DIGITAL CONTROL	NONLINEAR SYSTEMS	

Power

 <p>Power Electronics: Devices, Circuits, and Applications, International Edition, 4e 2014 Muhammad H. Rashid 9780273769088</p>
POWER ELECTRONICS

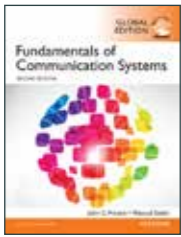
Computer Engineering

 <p>Computer Systems: A Programmer's Perspective, Global Edition, 3e 2016 Randal E. Bryant, David R. O'Hallaron 9781292101767</p>
COMPUTER ARCHITECTURE



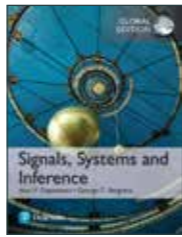
Digital

 <p>Logic and Computer Design Fundamentals, Global Edition, 5e 2016 Morris R. Mano, Charles R. Kime, Tom Martin 9781292096070</p>	 <p>Designing User Experience: A guide to HCI, UX and interaction design, 4e 2019 David Benyon 9781292155517</p>
DIGITAL DESIGN	





Networking & Communications

 <p>Fundamentals of Communication Systems, Global Edition, 4e 2015 John G. Proakis, Masoud Salehi 9781292015682</p>
COMMUNICATION SYSTEMS


Signal Processing


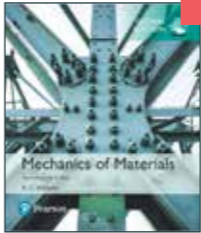
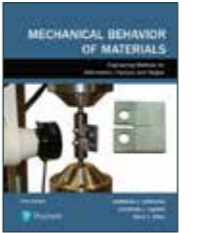
 <p>Digital Signal Processing First, Global Edition, 4e 2017 James H. McClellan, Ronald Schafer, Mark Yoder 9781292113869</p>	 <p>Signals, Systems, & Transforms, Global Edition, 5e 2015 Charles Phillips, John Parr, Eve Riskin 9781292015286</p>	 <p>Signals, Systems and Inference, Global Edition, 1e 2018 Alan V Oppenheim, George C. Verghese 9781292156200</p>	 <p>Adaptive Filter Theory: International Edition, 5th Edition, 5e 2013 Simon Haykin 9780273764083</p>
DIGITAL SIGNAL PROCESSING	SIGNALS AND SYSTEMS		ADPATIVE FILTERS

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-  Mastering Engineering
-  MyLab Math
-  MyLab Engineering
-  Enhanced eBook


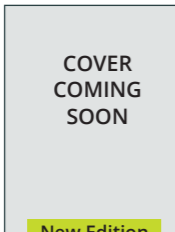


Engineering: Mechanical

Mechanics			
			
Engineering Mechanics: Statics in SI Units, 14e 2016 Russell C. Hibbeler 9781292089232	Engineering Mechanics: Dynamics in SI Units, 14e 2017 Russell C. Hibbeler 9781292088723	Mechanics of Materials in SI Units, 10e 2018 Russell C. Hibbeler 9781292178202	Statics and Mechanics of Materials in SI Units, 5e 2019 Russell C. Hibbeler 9781292177915
STATICS	DYNAMICS	MECHANICS OF MATERIALS	STATICS AND STRENGTH OF MATERIALS





Materials Engineering		
		
Introduction to Materials Science for Engineers, Global Edition, 8e 2016 James F. Shackelford 9780273793403	Mechanics of Materials in SI Units, 10e 2018 Russell C. Hibbeler 9781292178202	Mechanical Behavior of Materials, 5e 2019 Norman E. Dowling, Stephen L. Kampe, Milo V. Kral 9781292279350
MATERIALS SCIENCE	MECHANICAL BEHAVIOUR OF MATERIALS	

Thermal Science				
				
Thermodynamics: An Interactive Approach, Global Edition, 1e 2016 Subrata Bhattacharjee 9781292113746	Gas Turbine Theory, 7e 2018 H.I.H. Saravanamuttoo, G.F.C. Rogers, H. Cohen, Paul Straznicky & Andrew Nix 9781292093093	Aerodynamics for Engineers, International Edition, 6e 2019 John J. Bertin, Russell M. Cummings 9780273793274	Fluid Mechanics in SI Units, 2e 2020 Russell C. Hibbeler 9781292247304	Fluid Mechanics for Engineers in SI Units, 1e 2018 David Chin 9781292161044
THERMODYNAMICS	AERODYNAMICS	FLUID MECHANICS		

Design		
		
Automation, Production Systems, and Computer-Integrated Manufacturing, Global Edition, 4e 2016 Mikell Groover 9781292076119	Managing Engineering and Technology, International Edition, 6e 2015 Lucy C. Morse, Daniel L. Babcock 9780273793229	Manufacturing Engineering & Technology in SI Units, 7e 2014 Serope Kalpakjian, Stephen Schmid 9789810694067
AUTOMATED MANUFACTURING	ENGINEERING MANAGEMENT	MANUFACTURING PROCESSES

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-  MyLab Math
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Intro to Python for Computer Science and Data Science: Learning to Program with AI, Big Data and The Cloud, Global Edition

Edition 1

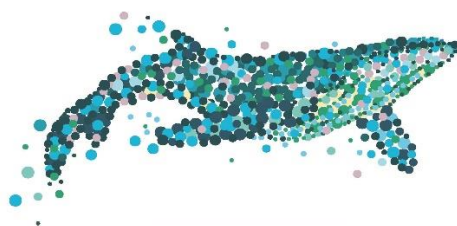
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Intro to Python®
for Computer Science and Data Science
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Learning to Program with AI, Big Data and the Cloud



9781292364902

Previous edition

Publication date 10-04-2021

Pearson

Pages 1240

RRP £59.79

Short description

This is a Pearson Global Edition. The Editorial team at Pearson has worked closely with educators around the world to include content which is especially relevant to students outside the United States. For introductory-level Python programming and/or data-science courses. A groundbreaking flexible approach to computer science and data science. Introduction to Python for Computer Science and Data Science: Learning to Program with AI, Big Data and the Cloud offers a unique approach to teaching introductory Python programming appropriate for both computer-science and data-science audiences.

Discipline/Subject

MGE: Computer Science (Mech Ed)

Author bio

Paul J. Deitel, CEO and Chief Technical Officer of Deitel Associates, Inc., is an MIT graduate with 38 years of computing and corporate training experience and is an Oracle Java Champion and a Microsoft MVP (2012-2014).

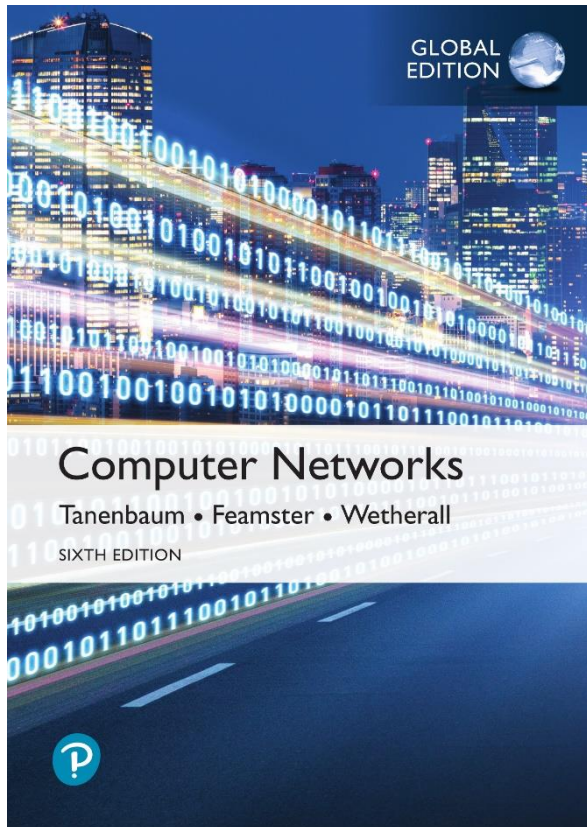
Computer Networks, Global Edition

Edition 6

Andrew S. Tanenbaum



Pearson



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9781292374062

Previous edition 9781292024226

Publication date 03-03-2021

Pearson

Pages 944

RRP £58.99

Short description

In *Computer Networks* Tanenbaum et al. explain how networks work from the inside out. They start with the physical layer of networking, computer hardware and transmission systems, then work their way up to network applications. Each chapter follows a consistent approach. The book presents key principles, then illustrates the utilizing real-world example networks that run through the entire book. The 6th Edition is updated throughout to reflect the most current technologies and the chapter on network security is rewritten to focus on modern security principles and actions.

Discipline/Subject

MGE: Computer Science (Mech Ed)

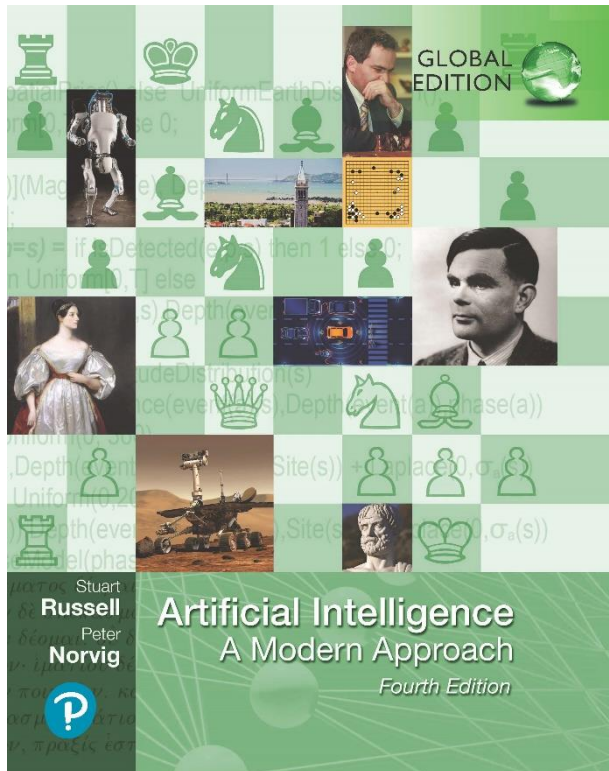
Artificial Intelligence: A Modern Approach, Global Edition

Edition 4

Peter Norvig



Pearson



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9781292401133

Previous edition 9781292153964

Publication date 13-05-2021

Pearson

Pages 1170

RRP £52.99

Short description

This title is a Pearson Global Edition. The Editorial team at Pearson has worked closely with educators around the world to include content which is especially relevant to students outside the United States. The most comprehensive, up-to-date introduction to the theory and practice of artificial intelligence The long-anticipated revision of *Artificial Intelligence: A Modern Approach* explores the full breadth and depth of the field of artificial intelligence (AI). The 4e brings readers up to date on the latest technologies, presents concepts in a more unified manner

Discipline/Subject

MGE: Computer Science (Mech Ed)

Author bio

Stuart Russell was born in 1962 in Portsmouth, England. He received his B.A. with first-class honours in physics from Oxford University in 1982, and his Ph.D. in computer science from Stanford in 1986.

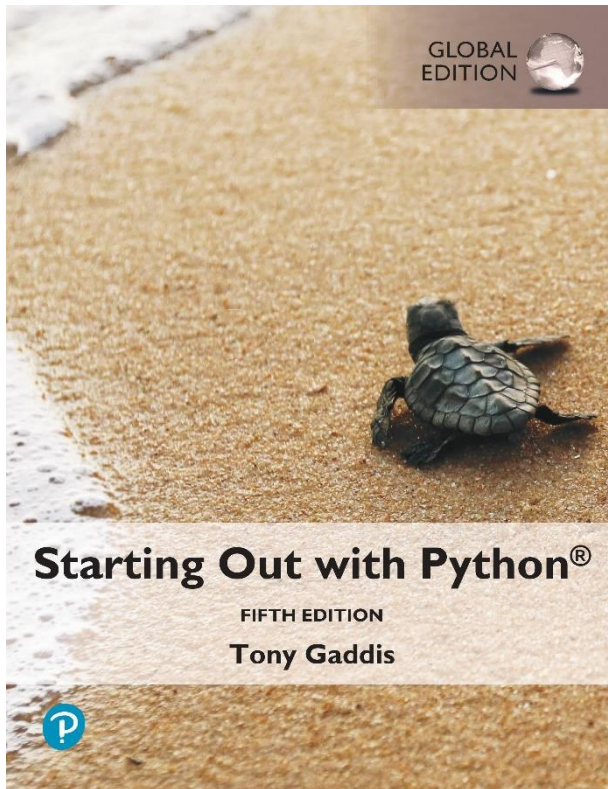
Starting Out with Python [Global Edition]

Edition 5

Tony Gaddis



Pearson



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9781292408637

Previous edition 9781292225753

Publication date 29-06-2021

Pearson

Pages

RRP £54.99

Short description

This ISBN provides access to Pearson MyLab Programming. Pearson eText is included. A clear and student-friendly introduction to the fundamentals of Python In Starting Out with Python 5e accessible coverage introduces students to the basics of programming in a high-level language. Python, an easy-to-learn and increasingly popular object-oriented language, allows readers to become comfortable with the fundamentals of programming without the troublesome syntax that can be challenging for novices.

Discipline/Subject

MGE: Computer Science (Mech Ed)

Author bio

Tony Gaddis is the principal author of the Starting Out With series of textbooks. Tony has two decades of experience teaching computer science courses, primarily at Haywood Community College.

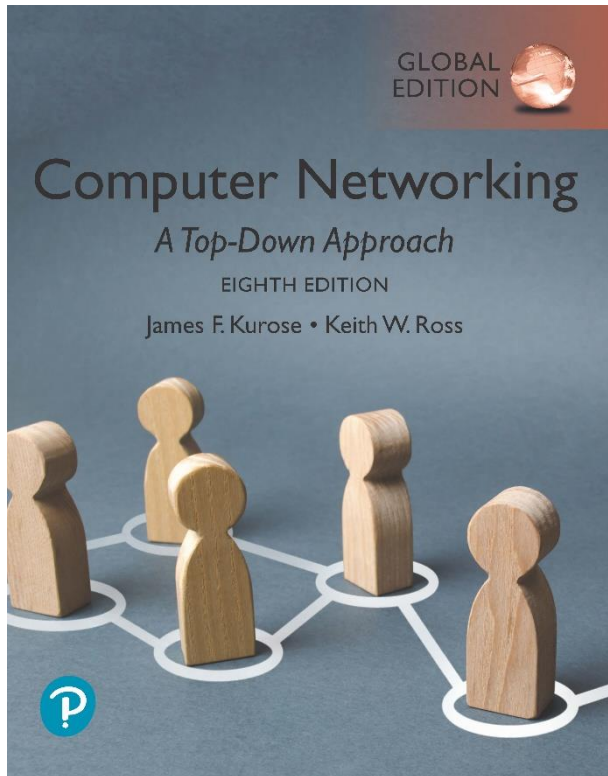
Computer Networking [Global Edition]

Edition 8

James F. Kurose



Pearson



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9781292405469

Previous edition 9781292153599

Publication date 06-10-2021

Pearson

Pages 800

RRP £56.99

Short description

For courses in Networking/Communications. Motivate your students with a top-down, layered approach to computer networking. Unique among computer networking texts, the 8e, Global Edition, of the popular Computer Networking: A Top Down Approach builds on the authors' long tradition of teaching this complex subject through a layered approach in a top-down manner. The text works its way from the application layer down toward the physical layer, motivating students by exposing them to important concepts early in their study of networking.

Discipline/Subject

MGE: Computer Science (Mech Ed)

Author bio

Jim Kurose is a Distinguished University Professor in the College of Information and Computer Sciences at the University of Massachusetts Amherst, where he has been on the faculty since receiving his PhD in computer science from Columbia University.

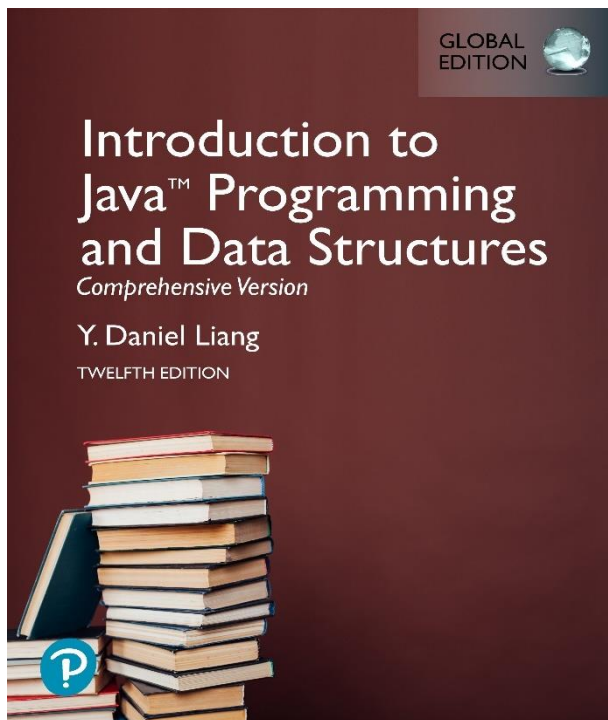
Introduction to Java Programming and Data Structures, Comprehensive Version [Global Edition]

Edition 12

Y. Daniel Liang



Pearson



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9781292402079

Previous edition 9781292221878

Publication date 08-08-2021

Pearson

Pages

RRP £56.99

Short description

This is a Pearson Global Edition. The Editorial team at Pearson has worked closely with educators around the world to include content which is especially relevant to students outside the United States. For courses in Java Programming. Introduction to Java Programming and Data Structures seamlessly integrates programming, data structures and algorithms into one text. With a fundamentals-first approach, the text builds a strong foundation of basic programming concepts and techniques before teaching students object-oriented programming and advanced Java programming.

Discipline/Subject

MGE: Computer Science (Mech Ed)

Author bio

Dr. Liang earned his Ph.D. in Computer Science from the University of Oklahoma in 1991, and his M.S. & B.S. in Computer Science from Fudan University in Shanghai, China in 1986 and 1983.