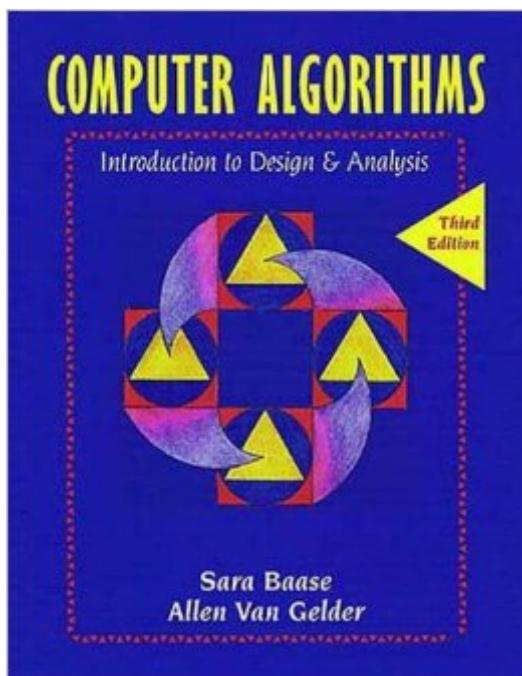


The book was found

Computer Algorithms: Introduction To Design And Analysis (3rd Edition)



Synopsis

have extensively revised this best seller on algorithm design and analysis to make it the most current and accessible book available. This edition features an increased emphasis on algorithm design techniques such as divide-and-conquer and greedy algorithms, along with the addition of new topics and exercises. It continues the tradition of solid mathematical analysis and clear writing style that made it so popular in previous editions. Highlights *Emphasizes the development of algorithms through a step-by-step process rather than merely presenting the end result * Stresses the importance of the algorithm analysis process-continuously re-evaluating, modifying, and perhaps rejecting algorithms until a satisfactory solution is attained * Provides extensive treatment of recursion with a clear, student-friendly review of how it works and why it is a valuable programming technique * Uses a Java-like pseudocode; includes an appendix with Java examples
0201612445B04062001

Book Information

Paperback: 688 pages

Publisher: Pearson; 3rd edition (November 15, 1999)

Language: English

ISBN-10: 0201612445

ISBN-13: 978-0201612448

Product Dimensions: 7.3 x 1.6 x 9.1 inches

Shipping Weight: 2.7 pounds (View shipping rates and policies)

Average Customer Review: 2.1 out of 5 starsÂ See all reviewsÂ (31 customer reviews)

Best Sellers Rank: #181,030 in Books (See Top 100 in Books) #30 inÂ Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Structured Design #56 inÂ Books > Textbooks > Computer Science > Algorithms #119 inÂ Books > Computers & Technology > Programming > Algorithms

Customer Reviews

I have encountered far worst textbooks than this one. However, it is true that this text can be hard to follow at times. That's not because the subject matter is hard, but because the explanations are not the best. Sometimes, it seemed that the authors had confused themselves or were determined to explain the most convoluted possible approach to a problem. A word of wisdom to people making hiring decisions for computer science professorships: Mathematicians and programmers are NOT synonymous. So, some of the explanations are a bit serpentine, but where this book really shines in

the lameness category is its attempt at Java coding. In the style typical of academics, the Java is written as if it were C. (Like the guy in the Dos Equis commercials, who can speak "French, in Russian," the authors are determined to write C, in Java.) No attention whatsoever is paid to Java coding conventions. Perhaps that is because of the age of the book - in 2000, Java wasn't entirely new, but it was new-ish, and C was far better established. I found variable and method names to be very cryptic at times. Also, their approach to programming is extremely verbose. Their coding style, combined with their penchant for eclectic solutions, produces lessons that seem like a road trip by unicycle from Seattle to Vancouver, by way of Miami Beach. All in all, this book is NOT the unmitigated disaster some have painted it as. The authors seem to have gone out of their way to make the book approachable. But their way of thinking about some topics is not likely to bear much resemblance to the way I think most people work things out.

[Download to continue reading...](#)

Computer Algorithms: Introduction to Design and Analysis (3rd Edition) Introduction to the Design and Analysis of Algorithms (3rd Edition) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Algorithms in C++ Part 5: Graph Algorithms (3rd Edition) (Pt.5) The Design of Innovation: Lessons from and for Competent Genetic Algorithms (Genetic Algorithms and Evolutionary Computation) Introduction to Parallel Computing: Design and Analysis of Parallel Algorithms Sigma Delta Modulators: Nonlinear Decoding Algorithms and Stability Analysis (The Springer International Series in Engineering and Computer Science) Computer Organization and Design, Fifth Edition: The Hardware/Software Interface (The Morgan Kaufmann Series in Computer Architecture and Design) Introduction to Algorithms, 3rd Edition (MIT Press) Applying UML and Patterns: An Introduction to Object-Oriented Analysis and Design and Iterative Development (3rd Edition) Computer Organization and Design: The Hardware/Software Interface (The Morgan Kaufmann Series in Computer Architecture and Design) Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science (Machine Language) Genetic Algorithms and Engineering Design (Engineering Design and Automation) Parallel and Distributed Map Merging and Localization: Algorithms, Tools and Strategies for Robotic Networks (SpringerBriefs in Computer Science) Algorithms in Java, Parts 1-4 (3rd Edition) (Pts.1-4) Algorithms on Strings, Trees and Sequences: Computer Science and Computational Biology Programming Computer Vision with Python: Tools and algorithms for

analyzing images Algorithms to Live By: The Computer Science of Human Decisions Digital Logic Design and Computer Organization with Computer Architecture for Security

[Dmca](#)