



Beginning Algorithms (Paperback)

By Simon Harris, Jon Eaves

John Wiley Sons Inc, United States, 2005. Paperback. Condition: New. 1. Auflage. Language: English . Brand New Book. Beginning Algorithms A good understanding of algorithms, and the knowledge of when to apply them, is crucial to producing software that not only works correctly, but also performs efficiently. This is the only book to impart all this essential information-from the basics of algorithms, data structures, and performance characteristics to the specific algorithms used in development and programming tasks. Packed with detailed explanations and instructive examples, the book begins by offering you some fundamental data structures and then goes on to explain various sorting algorithms. You ll then learn efficient practices for storing and searching by way of hashing, trees, sets, and maps. The authors also share tips on optimization techniques and ways to avoid common performance pitfalls. In the end, you ll be prepared to build the algorithms and data structures most commonly encountered in day-to-day software development. What you will learn from this book The basics of algorithms, such as iteration and recursionElementary data structures such as lists, stacks, and queuesBasic and advanced sorting algorithms including insertion sort, quicksort, and shell sortAdvanced data structures such as binary trees, ternary trees,...



READ ONLINE
[6.97 MB]

Reviews

If you need to adding benefit, a must buy book. It really is writter in straightforward words and phrases rather than difficult to understand. Your life period is going to be change the instant you total reading this ebook.

-- **Letha Okuneva**

This is an amazing ebook that we have possibly go through. It really is filled with wisdom and knowledge Its been developed in an extremely straightforward way and is particularly merely after i finished reading this ebook where in fact altered me, affect the way in my opinion.

-- **Berta Schmidt**