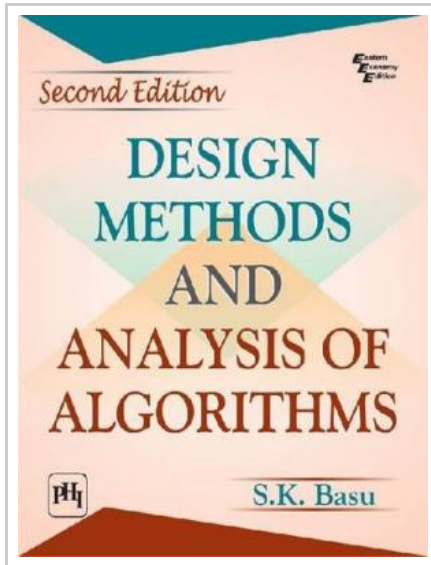




Design Methods and Analysis of Algorithms (2nd edition)

By S. K. Basu

Prentice-Hall of India Pvt.Ltd. Paperback. Book Condition: new. BRAND NEW, Design Methods and Analysis of Algorithms (2nd edition), S. K. Basu, The design of correct and efficient algorithms for problem solving lies at the heart of computer science. This concise text, without being highly specialised, teaches the skills needed to master the essentials of this subject. With clear explanations and an engaging writing style, the book places increased emphasis on algorithm design techniques rather than programming in order to develop problem-solving skills. The treatment throughout the book is primarily tailored to the curriculum needs of B.Tech. students in computer science and engineering, B.Sc. (Hons.) and M.Sc. students in computer science, and MCA students. The book focuses on the standard algorithm design methods and the concepts are illustrated through representative examples to offer a reader-friendly text. Elementary analysis of time complexities is provided for each example-algorithm. A varied collection of exercises at the end of each chapter serves to reinforce the principles/methods involved. New To This Edition Additional problems A new Chapter 14 on Bioinformatics Algorithms The following new sections: BSP model (Chapter 0) Some examples of average complexity calculation (Chapter 1) Amortisation (Chapter 1) Some more data structures (Chapter 1) Polynomial multiplication (Chapter 2) Better-fit...



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