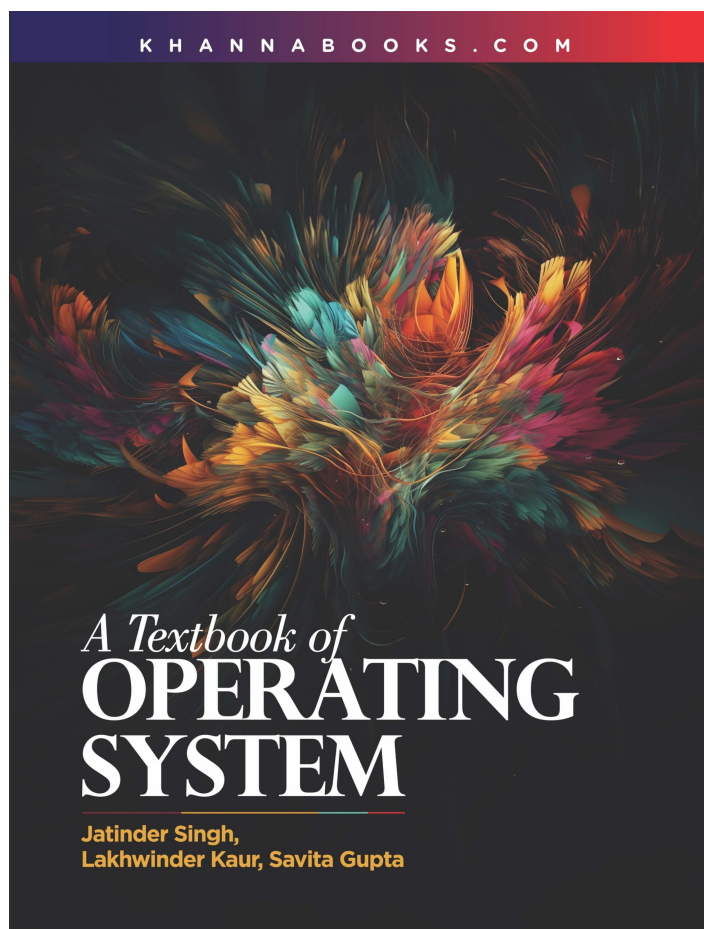




A Textbook of Operating Systems

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Product Description

Keywords to revise the work and huge emphasis on relevant figure work. Special focus on process, memory, storage and input output management. Special chapters on the networks, distributed and multiprocessing. Review questions and other exercises are provided at the end of each chapter enabling the readers to touch the core of the subject. excellent organization of material, keeping in view the syllabus of different universities. Presents large no. of case studies for better understanding.

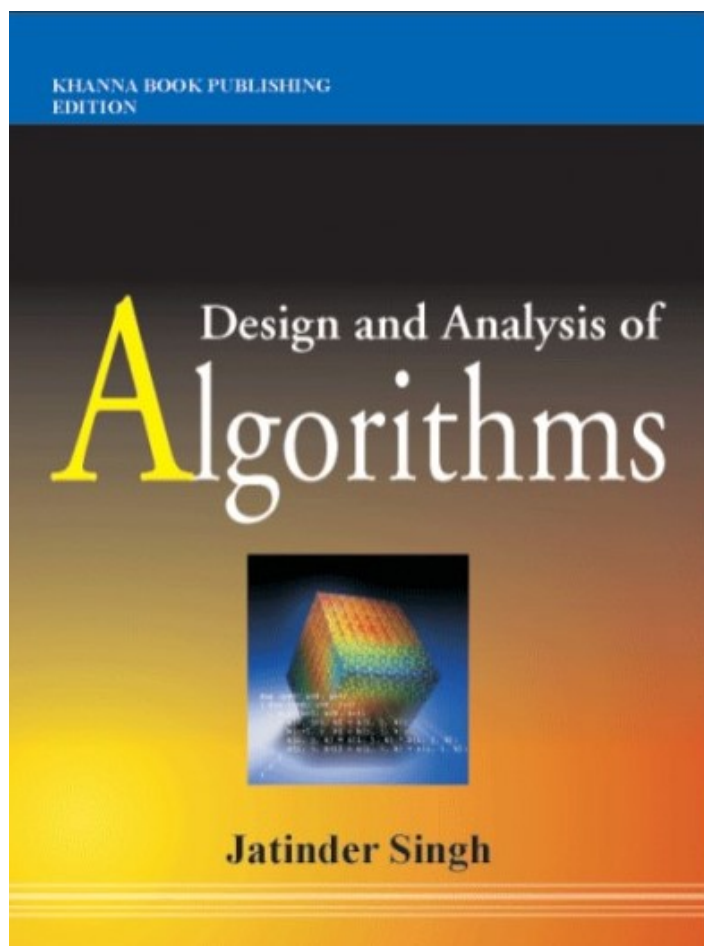
Table of Contents

Chapter 1: Introduction to Operating Systems. **Chapter 2:** Process Management. **Chapter 3:** Memory Management. **Chapter 4:** File and Device Management. **Chapter 5:** Security and Protection. **Chapter 6:** Network and Distributed Systems. **Chapter 7:** Case Studies of Operating Systems.

Author

Jatinder Singh Er. Jatinder Singh (Asst. Professor) Dept. of I.T. , S.S.S. College of Engg. And Tech. Gurdaspur (PB).





Design & Analysis of Algorithms

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Product Description

This book is an ideal text to provide in depth knowledge on design and analysis of algorithm. The purpose of the book is to make the students understand the fundamentals of design and analysis of algorithm conveniently. It is meant to be used as a text book for BSc/BCA/MCA/MSc/ B.E./B. Tech/MSc/MS/M. Tech and diploma courses, and as a reference book.

Table of Contents

UNIT - 1 Chapter 1: Data Structure Basics. **Chapter 2:** Analysis of Algorithms. **Chapter 3:** Growth of Functions. **Chapter 4:** Sorting Algorithms. **UNIT - 2 Chapter 1:** B-trees: Balanced Trees. **Chapter 2:** Binary Search Trees. **Chapter 3:** Disjoint Sets. **UNIT - 3 Chapter 1:** Dynamic Programming. **Chapter 2:** The Greedy Method. **Chapter 3:** Backtracking. **Chapter 4:** Divide and Conquer. **Chapter 5:** Branch and Bound. **UNIT - 4 Chapter 1:** Graphs. **Chapter 2:** Single-Source Shortest Path. **Chapter 3:** All-Pairs Shortest Paths. **Chapter 4:** Dijkstra's Algorithm. **Chapter 5:** Minimum-Cost Spanning Trees. **UNIT - 5 Chapter 1:** String Matching. **Chapter 2:** Randomization. **Chapter 3:** Amortized Analysis of Data Structure.

Author

Jatinder Singh Er. Jatinder Singh (Asst. Professor) Dept. of I.T. , S.S.S. College of Engg. And Tech. Gurdaspur (PB).

