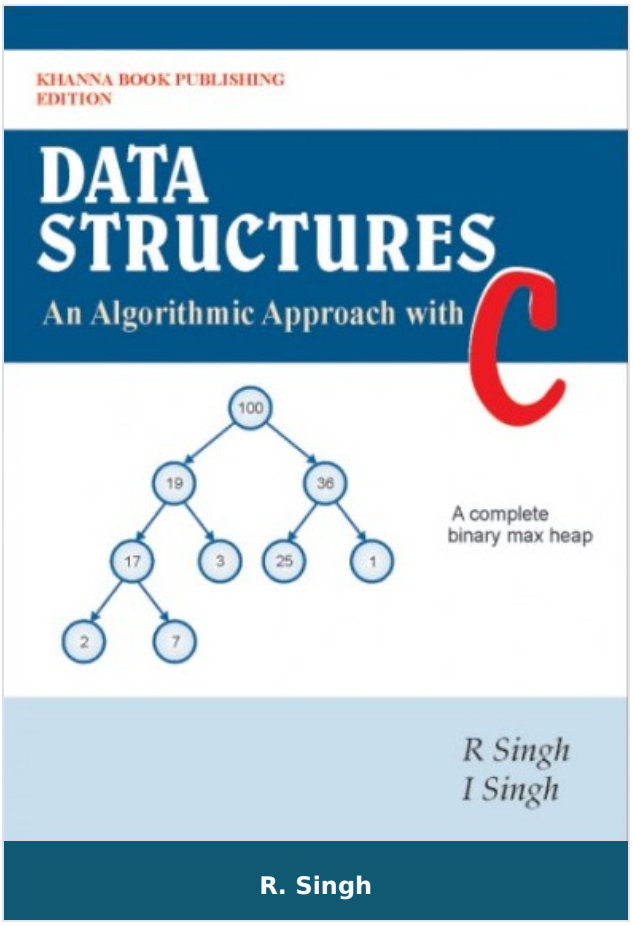


Data Structures - An Algorithmic Approach with C

Author :	R. Singh
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Product Description

Each chapter begins with an outline an overview, and a list of learning objective. Extensive coverage of data Structure basics, pictorial representation of each and every Data Structures in given in detail. Brief introduction to C language, various types of data structures and analysis of algorithms complexity is covered. Demonstration the development of algorithms is a lucid manner. Includes numbers illustrative examples to understand the topic easily. Demonstrates the implementation of algorithms in a good programming style. Objective-type questions have been provided. Around 200 solved C programs and algorithms are included. Diagrams are used extensively throughout the text. Contains numerous theory questions at the last of each chapter. Gives detailed description of arrays, stack and queues in lucid manner. Covers all tree structures like binary tree, binary search trees, AVL, B+ tree and red black trees in detail. Detailed analysis of each and every sorting and searching technique is covered with the help of Programming examples. Presents various hashing techniques like hash functions, linear probing, quadratic probing, double hashing and rehashing. Brief introduction to the concept of file and storage management. This book will be useful for student of BE (Computer/Electronics), B. Tech, ME(Computer/Electronics), M. Tech, MCA BCA, M.Sc., B.Sc. and also to students pursuing A/B/C-level course of DOEACC.

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- Introduction to C Language
- Introduction to Data Structures and String Processing
- Algorithm Design and Complexity
- Arrays, Pointers and Records
- Linked Lists
- Stacks
- Queues
- Trees
- Search Trees
- Heaps
- Graphs
- Sorting and Searching Techniques
- Hashing
- File and Storage Management

Author

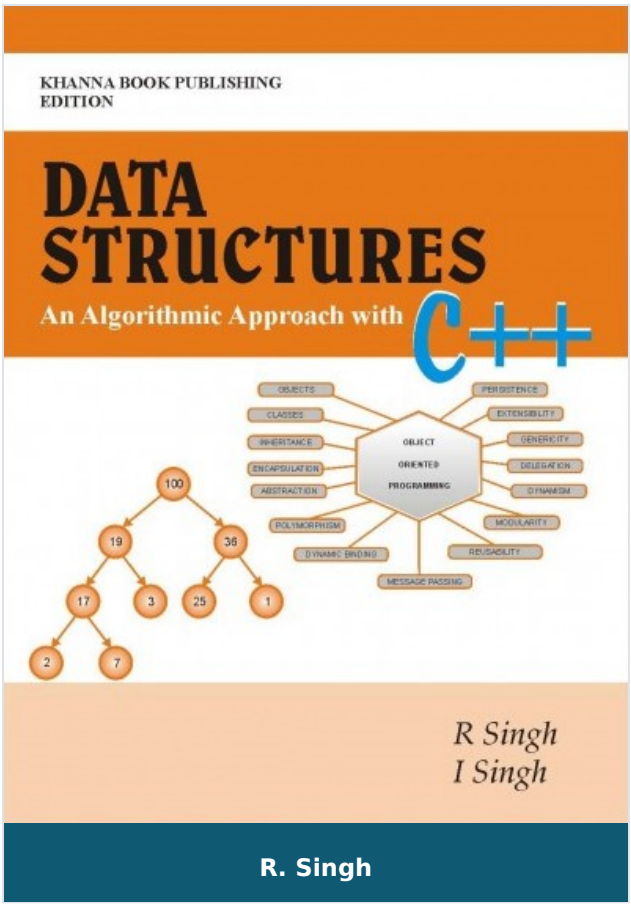
R. Singh

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Data Structures - An Algorithmic Approach with C++

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Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of data structures. Its approach is explanatory and language is lucid and communicable. Each and every data structure described with the help of its pictorial representation, algorithms, and implementation in C++ programming to have clear ideas. It contains lucid presentation of each and every operation that can perform on data structures.

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Author

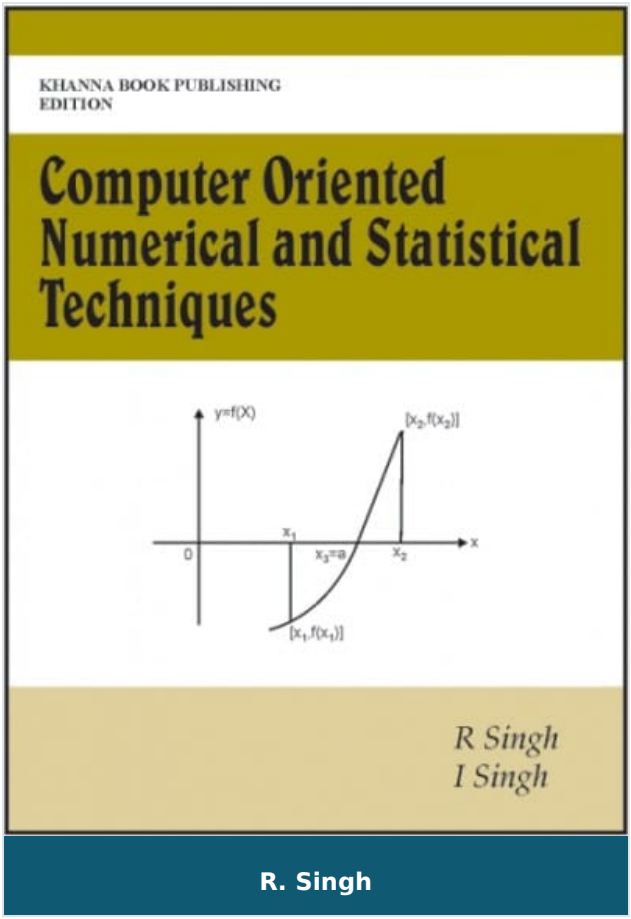
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R. Singh

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Product Description

Written with the beginner in mind, this provides an exceptionally clear and precise detail of modern numerical and statistical techniques. Its approach is explanatory and language is lucid and communicable. Each and every technique described with the help of algorithm, Its flowchart and program using C and C++ and large number of solved and unsolved problems are given to have clear ideas. several examples of the application to engineering, medicine agriculture etc.

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- Curve Fitting
- Introduction to Statistics
- Measures of Central Tendency
- Measures of Dispersion
- Moments, Skewness and Kurtosis
- Correlation
- Regression Analysis

Author

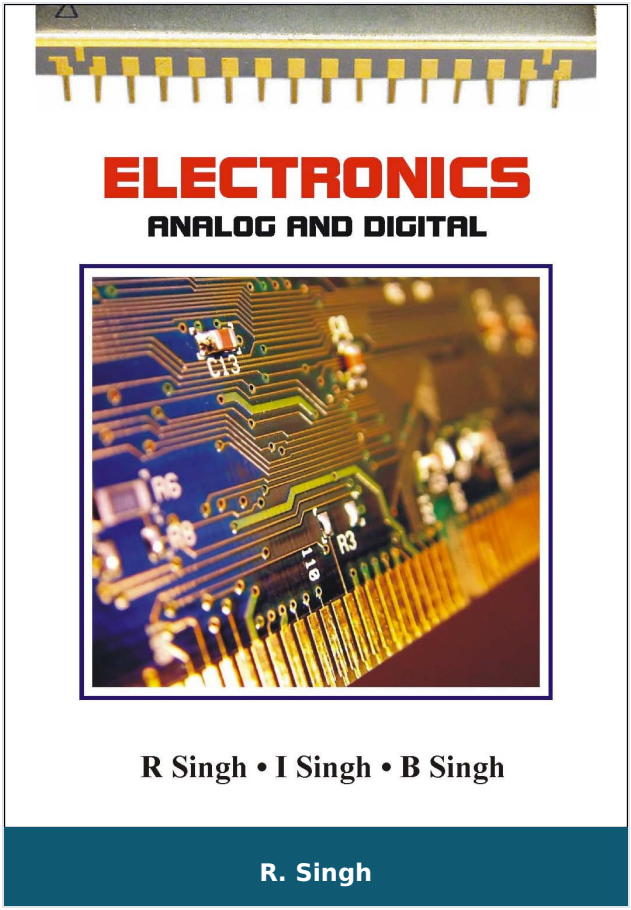
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Electronics Analog and Digital

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Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of electronics. Its approach is explanatory and language is lucid and communicable. Analog and digital electronics described with the help of its circuit designs, pictorial representation and implementation to have clear ideas. Modern aspects of electronics have been introduce from the first principles and discussed in an easy manner so that a beginner can grasp the analog and digital electronics. Each chapter contains solved example problems and exercise problems.

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- Introduction to Electronics
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- Karanaugh Maps
- Error Detection and Correction Codes
- Combinational Circuits
- Flip Flops and Timing Circuits
- Counters
- Registers
- Semiconductor Memories
- ADC DAC and Interfacing
- Logic Families

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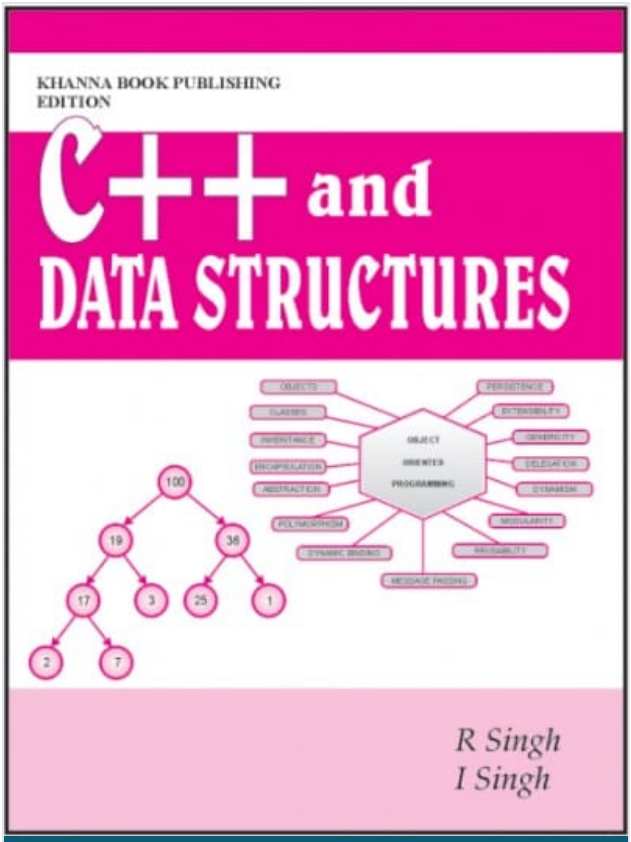
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R. Singh

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- Getting Started With C++
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- Exploring Special Functions
- Introduction to Data Structures
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