

Table of Contents

Chapter	Page Number
1 Introduction	1
2 Arrays, Iteration and Invariants	8
3 Lists, Recursion, Stacks and Queues	25
4 Searching	56
5 Efficiency and Complexity	60
6 Trees	71
7 Binary Search Trees	98
8 Extended Binary Trees, Priority Queues and Heap Trees	112
9 Sorting	117
10 Hash Tables	126
11 Graphs	131
12 Miscellaneous	149
13 End Matter	151