1. Analysis of Algorithms
2. Searching
3. Sorting
4. Greedy Algorithms
5. Dynamic Programming
6. Backtracking
7. Divide and Conquer
8. Branch and Bound
9. Pattern Searching
10. Other String Algorithms
11. Geometric Algorithms
12. Mathematical Algorithms
13. Bit Algorithms
14. Graph Algorithms
15. Randomized Algorithms