



Pearson New International Edition

Algorithm Design

Jon Kleinberg Éva Tardos
First Edition

Pearson New International Edition

Algorithm Design

Jon Kleinberg Éva Tardos
First Edition

PEARSON

Algorithm Design

Table of Contents

Cover

Table of Contents

Chapter 1. Introduction: Some Representative Problems

Chapter 2. Basics of Algorithm Analysis

Chapter 3. Graphs

Chapter 5. Divide and Conquer

Chapter 4. Greedy Algorithms

Chapter 6. Dynamic Programming

Chapter 7. Network Flow

Chapter 8. NP and Computational Intractability

Chapter 9. PSPACE: A Class of Problems beyond NP

Chapter 10. Extending the Limits of Tractability

Chapter 11. Approximation Algorithms

Chapter 13. Randomized Algorithms

Chapter 12. Local Search

Epilogue: Algorithms That Run Forever

References

Index