

CONTENT

	Page
Preface	
Contributors	
I Operations Research Methodology	
1. Optimization Problems and Methods	1
2. Large-Scale Linear Programs : Theory and Computation	60
3. Nonlinear Programming : Theory and Computation	76
4. Separable Programming	99
5. Dynamic Programming : Theory and Computation	108
6. Integer Programming : Theory and Computation (abstract)	117
7. Branch and Bound Methods for Combinatorial Problems	118
8. Heuristic Programming : Theory and Computation	134
II Applications of Operations Research in Selected Functional Areas	
A Marketing	
9. Decision-Making and Marketing	156
10. Operations Research in Marketing : What's Up?	187
B Financial management	
11. Operations Research in Corporate Financial Management	207
12. Simulation Applied to Project Risk Analysis	228
13. Long-Range Facility Planning	246
14. Operations Research in Accounting	266
C Production Management	
15. Operations Research in Industrial Scheduling	285
16. Paper Machine Production Allocation by Linear Programming	293
17. Production Sequencing by Combinatorial Programming	308
III Application of Operations Research to Paper Trim Problems	
18. The Trim Problem Reconsidered	355
19. Linear Programming Approaches to Cutting Stock Problems (abstract)	360
20. Heuristic Procedures for Solving the Paper Trim Problem	361
21. Trimming in Practice : Discussion	370
IV Operations Research and Management Information Systems	
22. Operations Research in the Design of Management Information Systems	375
23. On the Structure of Operational Control Systems	391
24. Automatic Data Processing for the Corrugated Box Plant	416
Index	433
Errata	436