



# Linear Programming

By Ignizio, James P.; Cavalier, Tom M.

Prentice Hall, 1993. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1. Introduction and Overview. I. CONVENTIONAL LINEAR PROGRAMMING. 2. The (Conventional) Linear Programming Model. 3. Foundations of the Simplex Method. 4. The Simplex Method: Tableaux and Computation. 5. Special Simplex Implementations. 6. Duality and Sensitivity Analysis. 7. Alternatives to the Simplex Algorithm. 8. Applications of LP in Information Technology. II. NETWORK AND INTEGER MODELS. 9. The Network Simplex Method. 10. The Transportation and Assignment Problems. 11. Integer Programming. 12. Heuristic Programming - and AI. III. MULTIOBJECTIVE OPTIMIZATION. 13. Multiobjective Optimization. 14. Multiobjective Models. 15. Multiplex Algorithm. 16. Duality and Sensitivity Analysis in Linear Multiplex. 17. Extensions of Multiplex. Appendix: Review of Linear Algebra. References. Index.



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