Contents

Forev	word	v
Prefa	ace	vii
1.	Introduction	1
2.	Basic Concepts of Linear Programming	8
3.	The Valuation Problem; Market Solutions	39
4.	The Algebra of Linear Programming	64
5.	The Transportation Problem	106
6.	Linear-programming Analysis of the Firm	130
7.	Application to the Firm; Valuation and Duality	166
8.	Nonlinear Programming ,	186
9.	The Statical Leontief System	204
10.	The Statical Leontief System (Continued)	230
11.	Dynamic Aspects of Linear Models	265
12.	Efficient Programs of Capital Accumulation	309
13.	Linear Programming and the Theory of General Equilibrium	346
14.	Linear Programming and Welfare Economics	390
15.	Elements of Game Theory	417
16.	Interrelations between Linear Programming and Game	
	Theory	446
APPEN	A: Chance, Utility, and Game Theory	465
APPEN	B: The Algebra of Matrices	470
Bibl	iography	507
Inde	ex	513
		ix