CONTENTS

	Editor's Introduction 5
I.	Basic Concepts and Examples 7
II.	Linear Programming and Optimum Mix Analysis 10
	The Two-Activity Situation 10
	The Illustrative Problem 10
	Graphing the Solution 13
	Variations and Alternatives 16
	The Multiple-Activity Situation 19
	The Basic Data 19
	The Multiple-Activity Graph 21
	Finding the Optimum Allocations 24
	Variations on the Basic Model 26
	The Nonlinear Situation 28
	The Basic Data 28
	Some Linear Solutions 30
	Cost Minimization with Diminishing Returns 32
	Benefit Maximization with Diminishing Returns 36
ш	Inventory Modeling and Optimum Level Analysis 38
	The Linear Situation 38
	The Nonlinear Situation 41
	The Pretrial Release Problem 42
	Other Political-Legal Policy Applications 48
IV.	Decision Theory and Dynamic Equilibrium Analysis 55
	The One-Person Decision Situation 55
	The Two-Person Bargaining Situation 59
	The Basic Model 59

Variations and Implications 64

V. Conclusions 67

Notes 69

References 74