Lecture Notes in Operations Research and Mathematical Systems

Economics, Computer Science, Information and Control

Edited by M. Beckmann, Providence and H. P. Künzi, Zürich

56

Mohamed A. El-Hodiri

University of Kansas, Department of Economics, Lawrence, Kansas/USA

Constrained Extrema Introduction to the Differentiable Case with Economic Applications





Springer-Verlag

Berlin · Heidelberg · New York 1971



TABLE OF CONTENTS

Pre	face			Ĺ
I.	Introductory Survey			
	Chapter	1:	A Survey of Derivative Characterization of Constrained Extrema	5
II.	Finite	Dime	ensional Problems	
	Chapter	2:	Equality Constraints29	5
	Chapter	3:	Inequalities As Added Constraints3	+
	Chapter	4:	Extensions, and Applications3	9
III	. Variat	tiona	al Problems	
	Chapter	5:	The Problem of Bolza with Equality Constraints6	1
	Chapter	6:	The Problem of Bolza with Equality-Inequality Constraints7	8
	Chanter	7:	Extensions and Applications	4