## **Table of Contents**

Introduction	vii
G. Buttazzo and M. Belloni A Survey on Old and Recent Results about the Gap Phenomenon in the Calculus of Variations	1
M. Conti and R. Lucchetti The Minimax Approach to the Critical Point Theory	29
R. Deville Smooth Variational Principles and non Smooth Analysis in Banach Spaces	77
A.L. Dontchev Characterizations of Lipschitz Stability in Optimization	95
P.S. Kenderov and J.P. Revalski Generic Well-posedness of Optimization Problems and the Banach-Mazur Game	117
F. Lempio Set-valued Interpolation, Differential Inclusions, and Sensitivity in Optimization	137
P. Loridan Well-posedness in Vector Optimization	171
R. Lucchetti Hypertopologies and Applications	193
F. Patrone Well-posedness for Nash equilibria and Related Topics	211
J.P. Revalski Various Aspects of Well-posedness of Optimization Problems	229
T. Zolezzi Well-posed Problems in the Calculus of Variations	257