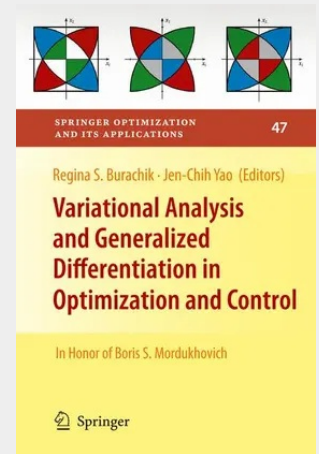


Variational Analysis and Generalized Differentiation in Optimization and Control

In Honor of Boris S. Mordukhovich

This special volume is dedicated to Boris M. Mordukhovich, on the occasion of his 60th birthday, and aims to celebrate his fundamental contributions to variational analysis, generalized differentiation and their applications. A main example of these contributions is Boris' recent opus magnum "Variational Analysis and Generalized Differentiation" (vols. I and II) [2,3]. A detailed explanation and careful description of Boris' research and achievements can be found in [1]. Boris' active work and jovial attitude have constantly inspired researchers of several generations, with whom he has generously shared his knowledge and enthusiasm, along with his well-known warmth and human touch. Variational analysis is a rapidly growing field within pure and applied mathematics, with numerous applications to optimization, control theory, economics, engineering, and other disciplines. Each of the 12 chapters of this volume is a carefully reviewed paper in the field of variational analysis and related topics. Many chapters of this volume were presented at the International Symposium on Variational Analysis and Optimization (ISVAO), held in the Department of Applied Mathematics, National Sun Yat-sen University, Kaohsiung, Taiwan, from November 28 to November 30, 2008. The symposium was organized in honour of Boris' 60th birthday. It brought together Boris and other researchers to discuss state-of-the-art results in variational analysis and its applications, with emphasis on optimization and control. We thank the organizers and participants of the symposium, who made the symposium a highly beneficial and enjoyable event. We are also grateful to all the authors of this special volume, who have taken the opportunity to celebrate Boris' birthday and his decades of contributions to the area.

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