

CONTENTS

Preface	ix
The Impact of Gauge Theories on Nonlinear Infinite Dimensional Analysis MELVYN S. BERGER	1
Polar Subsets in Infinite Dimensional Spaces - Small Sets in Large Spaces SEAN DINEEN	9
Approximation of Differentiable Functions on a Hilbert Space, II M. P. HEBLE	17
Group Analysis of Some Partial Differential Equations Arising in Applications C. C. A. SASTRI	35
Minimax Inequalities and Applications MAU-HSIANG SHIH and KOK-KEONG TAN	45
Slices for Actions of Infinite Dimensional Groups T. N. SUBRAMANIAM	65
Convex Functions on Banach Lattices K. SUNDARESAN	79
Differential Analysis and Geometry of Banach Spaces - Isomorphism Theory K. SUNDARESAN and S. SWAMINATHAN	95
A Survey of Rough Norms with Applications J. H. M. WHITFIELD and V. ZIZLER	107