## CONTENTS

**Preface**  
Preface: v

**Introduction**  
Introduction: 1

**Subgradient Methods: A Survey of Soviet Research**  
B.T. Poljak: 5

**Nondifferentiable Optimization and the Relaxation Method**  
J.L. Goffin: 31

**An Extension of the Method of Subgradients**  
Robin Chaney and Allen Goldstein: 51

**Nonsmooth Optimization and Nonlinear Programming**  
B.N. Pshenichnyi: 71

**Bundle Methods in Nonsmooth Optimization**  
C. Lemarechal: 79

**A Feasible Descent Algorithm for Linearly Constrained Least Squares Problems**  
Robert Mifflin: 103

**Sufficient Minimization of Piecewise-Linear Univariate Functions**  
P. Wolfe: 127

**The Method of Parametric Decomposition in Mathematical Programming: The Nonconvex Case**  
Jacques Gauvin: 131

**A Set of Nonsmooth Optimization Test Problems**  
151

**Bibliography**  
167

**Appendix: List of Participants**  
185