

## Preface

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Optimization is a constantly widening field of mathematics. Its progress is based not only on recent advances in neighboring fields, such as nonlinear analysis and nonsmooth analysis, but also on insights coming from other more distant areas such as information theory, PDE's etc. In contrast to most other disciplines, inside Optimization one encounters problems, tools and methods ranging from the very abstract to the most applied, sometimes practiced by the same scientists.

The present issue contains a selection of papers presented in the international Conference on Nonlinear Analysis and Optimization (NAOP2007) that was held in Isfahan, Iran, April 25–27, 2007. The papers cover a wide variety of topics, such as: existence results and algorithmic solution methods for variational inequalities, equilibrium problems and fixed-point problems; application of information-theoretic ideas to game theory; application of advanced tools of variational analysis to multiobjective optimization; new advances on the cutting-plane method and proximal point method; characterization of convex set containment in Banach spaces; and application of generalized convexity methods to nonsmooth continuous-time multiobjective problems.

All papers were refereed and carefully selected from among the invited or contributed talks. The editors would like to express their gratitude to the anonymous referees for their meticulous work on the manuscripts.

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