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Nota di contenuto	Preface -- 1. M. F. Anjos, Recent Progress in Modeling Unit Commitment Problems -- 2. M. A. Lejeune, Portfolio Optimization with Combinatorial and Downside Return Constraints -- 3. R. R. Regis, An Initialization Strategy for High-Dimensional Surrogate-Based Expensive Black Box Optimization -- 4. H. Y. Benson; U. Saglam, Smoothing and Regularization for Mixed-Integer Second-Order Cone Programming with Application in Portfolio Optimization -- 5. T. Terlaky; D. Li, The Duality between the Perceptron Algorithm and the von Neumann Algorithm.
Sommario/riassunto	This volume contains a selection of contributions that were presented at the Modeling and Optimization: Theory and Applications Conference (MOPTA) held at Lehigh University in Bethlehem, Pennsylvania, USA

on July 30-August 1, 2012. The conference brought together a diverse group of researchers and practitioners, working on both theoretical and practical aspects of continuous or discrete optimization. Topics presented included algorithms for solving convex, network, mixed-integer, nonlinear, and global optimization problems, and addressed the application of optimization techniques in finance, logistics, health, and other important fields. The contributions contained in this volume represent a sample of these topics and applications and illustrate the broad diversity of ideas discussed at the meeting.
