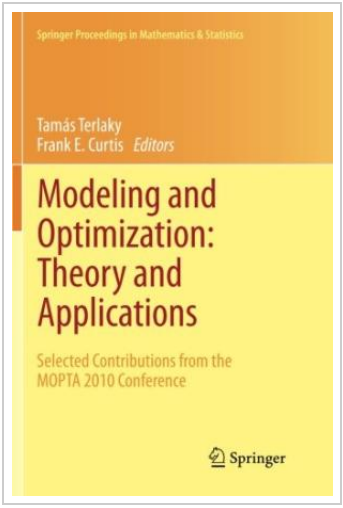

Modeling and Optimization: Theory and Applications

By Terlaky, Tamás / Curtis, Frank E.

Condition: New. Publisher/Verlag: Springer, Berlin | Selected Contributions from the MOPTA 2010 Conference | 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 August 18-20, 2010. 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. | -Obtaining Tighter Relaxations of Mathematical Programs with Complementarity Constraints, Mitchell, Pang, and Yu. -Distributed Optimization in Networking: Recent Advances in Combinatorial and Robust Formulations, Chiang and Chen. - Fast First-order Algorithms for Packing-covering Semidefinite Programs, Iyengar, Phillips, and Stein. - On the Tendency Toward Convexity of the Vector Sum of Sets, Howe. - Multiobjective Optimization via Parametric Optimization: Models, Algorithms and Applications, Romanko, Ghaffari-Hadigheh, and Terlaky. | Format: Paperback | Language/Sprache: english | 207 gr |...

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