FULL LENGTH PAPERS

New geometry-inspired relaxations and algorithms for the metric Steiner tree problem
D. Chakrabarty · N.R. Devanur · V.V. Vazirani 1

Processing second-order stochastic dominance models using cutting-plane representations
C.I. Fábián · G. Mitra · D. Roman 33

An alternating linearization bundle method for convex optimization and nonlinear multicommodity flow problems
K.C. Kiwiel 59

Approximation algorithms for supply chain planning and logistics problems with market choice
J. Geunes · R. Levi · H.E. Romeijn · D.B. Shmoys 85

A note on the split rank of intersection cuts
S.S. Dey 107

Moment inequalities for sums of random matrices and their applications in optimization
A.M.-C. So 125

Lexicography and degeneracy: can a pure cutting plane algorithm work?
A. Zanette · M. Fischetti · E. Balas 153

Primal and dual linear decision rules in stochastic and robust optimization
D. Kuhn · W. Wiesemann · A. Georghiou 177

On the natural merit function for solving complementarity problems
R. Andreani · J.J. Júdice · J.M. Martínez · J. Patrício 211

Instructions for Authors can be found on the journal's website www.springer.com/10107

Comprehensively covered by
ACM Computing Reviews,
Mathematical Reviews and
Zentralblatt MATH

Springer