References

[1] Alexander Ageev, Yohann Benchetrit, András Sebő, and Zoltán Szigeti. An excluded minor characterization of seymour graphs. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 1–13. Springer-Verlag, Berlin-Heidelberg, 2011.

[2] Yu Hin Au and Levent Tunçel. Complexity analyses of bienstock-zuckerberg and lasserre relaxations on the matching and stable set polytopes. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 14–26. Springer-Verlag, Berlin-Heidelberg, 2011.

[3] Amitabh Basu, Gérard Cornuéjols, and Marco Molinaro. A probabilistic analysis of the strength of the split and triangle closures. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 27–38. Springer-Verlag, Berlin-Heidelberg, 2011.

[4] Martin Bergner, Alberto Caprara, Fabio Furini, Marco E. Lübbecke, Enrico Malaguti, and Emiliano Traversi. Partial convexification of general mips by dantzig-wolfe reformulation. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 39–51. Springer-Verlag, Berlin-Heidelberg, 2011.

[5] Pierre Bonami. Lift-and-project cuts for mixed integer convex programs. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*,

volume 6655 of *LNCS*, pages 52–64. Springer-Verlag, Berlin-Heidelberg, 2011.

[6] Sylvia Boyd, René Sitters, Suzanne van der Ster, and Leen Stougie. Tsp on cubic and subcubic graphs. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 65–77. Springer-Verlag, Berlin-Heidelberg, 2011.

[7] Deeparnab Chakrabarty, Chandra Chekuri, Sanjeev Khanna, and Nitish Korula. Approximability of capacitated network design. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 78–91. Springer-Verlag, Berlin-Heidelberg, 2011.

[8] Deeparnab Chakrabarty and Chaitanya Swamy. Facility location with client latencies: Linear programming based techniques for minimum latency problems. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 92–103. Springer-Verlag, Berlin-Heidelberg, 2011.

[9] William Cook, Thorsten Koch, Daniel E. Steffy, and Kati Wolter. An exact rational mixed-integer programming solver. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 104–116. Springer-Verlag, Berlin-Heidelberg, 2011.

[10] Daniel Dadush, Santanu S. Dey, and Juan Pablo Vielma. On the chvátal-gomory closure of a compact convex set. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 130–142. Springer-Verlag, Berlin-Heidelberg, 2011.

[11] Claudia D'Ambrosio, Jeff Linderoth, and James Luedtke. Valid inequalities for the pooling problem with binary variables. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 117–129. Springer-Verlag, Berlin-Heidelberg, 2011.

[12] Santanu S. Dey and Sebastian Pokutta. Design and verify: A new scheme for generating cutting-planes. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 143–155. Springer-Verlag, Berlin-Heidelberg, 2011.

[13] Aman Dhesi, Pranav Gupta, Amit Kumar, Gyana R. Parija, and Sambuddha Roy. Contact center scheduling with strict resource requirements. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 156–169. Springer-Verlag, Berlin-Heidelberg, 2011.

[14] Friedrich Eisenbrand, Naonori Kakimura, Thomas Rothvoß, and Laura Sanità. Set covering with ordered replacement: Additive and multiplicative gaps. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 170–182. Springer-Verlag, Berlin-Heidelberg, 2011.

[15] Matteo Fischetti and Michele Monaci. Backdoor branching. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 183–191. Springer-Verlag, Berlin-Heidelberg, 2011.

[16] Oliver Friedmann. A subexponential lower bound for zadeh's pivoting rule for solving linear programs and games. In Oktay Günlük and

Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 192–206. Springer-Verlag, Berlin-Heidelberg, 2011.

[17] Bissan Ghaddar, Juan C. Vera, and Miguel F. Anjos. An iterative scheme for valid polynomial inequality generation in binary polynomial programming. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 207–222. Springer-Verlag, Berlin-Heidelberg, 2011.

[18] Monia Giandomenico, Adam N. Letchford, Fabrizio Rossi, and Stefano Smriglio. A new approach to the stable set problem based on ellipsoids. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 223–234. Springer-Verlag, Berlin-Heidelberg, 2011.

[19] Inge Li Gørtz, Marco Molinaro, Viswanath Nagarajan, and R. Ravi. Capacitated vehicle routing with non-uniform speeds. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 235–247. Springer-Verlag, Berlin-Heidelberg, 2011.

[20] Fabrizio Grandoni and Thomas Rothvoß. Approximation algorithms for single and multi-commodity connected facility location. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 248–260. Springer-Verlag, Berlin-Heidelberg, 2011.

[21] Stephan Held, William Cook, and Edward C. Sewell. Safe lower bounds for graph coloring. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York,*

NY, USA, June 15-17, 2011), volume 6655 of *LNCS*, pages 261–273. Springer-Verlag, Berlin-Heidelberg, 2011.

[22] Satoru Iwata and Mizuyo Takamatsu. Computing the maximum degree of minors in mixed polynomial matrices via combinatorial relaxation. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 274–286. Springer-Verlag, Berlin-Heidelberg, 2011.

[23] Volker Kaibel and Kanstantsin Pashkovich. Constructing extended formulations from reflection relations. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 287–300. Springer-Verlag, Berlin-Heidelberg, 2011.

[24] Anna R. Karlin, Claire Mathieu, and C. Thach Nguyen. Integrality gaps of linear and semi-definite programming relaxations for knapsack. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 301–314. Springer-Verlag, Berlin-Heidelberg, 2011.

[25] Tamás Király and Lap Chi Lau. Degree bounded forest covering. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 315–323. Springer-Verlag, Berlin-Heidelberg, 2011.

[26] S. Thomas McCormick and Britta Peis. A primal-dual algorithm for weighted abstract cut packing. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 324–335. Springer-Verlag, Berlin-Heidelberg, 2011.

[27] Trang T. Nguyen, Mohit Tawarmalani, and Jean-Philippe P. Richard. Convexification techniques for linear complementarity constraints. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 336–348. Springer-Verlag, Berlin-Heidelberg, 2011.

[28] Ojas Parekh. Iterative packing for demand and hypergraph matching. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 349–361. Springer-Verlag, Berlin-Heidelberg, 2011.

[29] Britta Peis and Andreas Wiese. Universal packet routing with arbitrary bandwidths and transit times. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 362–375. Springer-Verlag, Berlin-Heidelberg, 2011.

[30] Mario Ruthmair and Günther R. Raidl. A layered graph model and an adaptive layers framework to solve delay-constrained minimum tree problems. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 376–388. Springer-Verlag, Berlin-Heidelberg, 2011.

[31] José A. Soto and Claudio Telha. Jump number of two-directional orthogonal ray graphs. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 389–403. Springer-Verlag, Berlin-Heidelberg, 2011.

[32] Kenjiro Takazawa. Optimal matching forests and valuated delta-matroids. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and*

Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011), volume 6655 of *LNCS*, pages 404–416. Springer-Verlag, Berlin-Heidelberg, 2011.

[33] Mathieu Van Vyve. Fixed-charge transportation on a path: Linear programming formulations. In Oktay Günlük and Gerhard J. Woeginger, editors, *Proceedings of the 15th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2011 (New York, NY, USA, June 15-17, 2011)*, volume 6655 of *LNCS*, pages 417–429. Springer-Verlag, Berlin-Heidelberg, 2011.