

References

- [1] Ahmad Abdi and Bertrand Guenin. The cycling property for the clutter of odd st -walks. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 1–12. Springer International Publishing, Switzerland, 2014.
- [2] Ilan Adler, Christos Papadimitriou, and Aviad Rubinfeld. On simplex pivoting rules and complexity theory. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 13–24. Springer International Publishing, Switzerland, 2014.
- [3] Hassene Aissi, A. Ridha Mahjoub, S. Thomas McCormick, and Maurice Queyranne. A strongly polynomial time algorithm for multicriteria global minimum cuts. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 25–36. Springer International Publishing, Switzerland, 2014.
- [4] Iskander Aliev, Jesús A. De Loera, and Quentin Louveaux. Integer programs with prescribed number of solutions and a weighted version of doignon-bell-scarf's theorem. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 37–51. Springer International Publishing, Switzerland, 2014.
- [5] Hyung-Chan An, Aditya Bhaskara, Chandra Chekuri, Shalmoli Gupta, Vivek Madan, and Ola Svensson. Centrality of trees for capacitated k -center. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 52–63. Springer International Publishing, Switzerland, 2014.

- [6] Alejandro Angulo, Daniel Espinoza, and Rodrigo Palma. Sequence independent, simultaneous and multidimensional lifting of generalized flow covers for the semi-continuous knapsack problem with generalized upper bounds constraints. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 64–75. Springer International Publishing, Switzerland, 2014.
- [7] Gennadiy Averkov and Amitabh Basu. On the unique-lifting property. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 76–87. Springer International Publishing, Switzerland, 2014.
- [8] Mourad Baïou and Francisco Barahona. Maximum weighted induced bipartite subgraphs and acyclic subgraphs of planar cubic graphs. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 88–101. Springer International Publishing, Switzerland, 2014.
- [9] Manish Bansal and Kiavash Kianfar. n -step cycle inequalities: Facets for continuous n -mixing set and strong cuts for multi-module capacitated lot-sizing problem. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 102–113. Springer International Publishing, Switzerland, 2014.
- [10] Nikhil Bansal and Viswanath Nagarajan. On the adaptivity gap of stochastic orienteering. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 114–125. Springer International Publishing, Switzerland, 2014.
- [11] Anand Bhalgat and Sanjeev Khanna. A utility equivalence theorem for concave functions. In Jon Lee and Jens Vygen, editors, *Proceedings of*

the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014), volume 8494 of *LNCS*, pages 126–137. Springer International Publishing, Switzerland, 2014.

- [12] Umang Bhaskar, Katrina Ligett, and Leonard J. Schulman. Network improvement for equilibrium routing. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 138–149. Springer International Publishing, Switzerland, 2014.
- [13] Adrian Bock, Karthekeyan Chandrasekaran, Jochen Könnemann, Britta Peis, and Laura Sanità. Finding small stabilizers for unstable graphs. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 150–161. Springer International Publishing, Switzerland, 2014.
- [14] Natashia Boland, Hadi Charkhgard, and Martin Savelsbergh. The triangle splitting method for biobjective mixed integer programming. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 162–173. Springer International Publishing, Switzerland, 2014.
- [15] Pierre Bonami and François Margot. Cut generation through binarization. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 174–185. Springer International Publishing, Switzerland, 2014.
- [16] Sylvia Boyd, Yao Fu, and Yu Sun. A $\frac{5}{4}$ -approximation for subcubic 2ec using circulations. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 186–197. Springer International Publishing, Switzerland, 2014.

- [17] Henning Bruhn and Oliver Schaudt. Claw-free t -perfect graphs can be recognised in polynomial time. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 404–415. Springer International Publishing, Switzerland, 2014.
- [18] Christoph Buchheim and Claudia D'Ambrosio. Box-constrained mixed-integer polynomial optimization using separable underestimators. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 198–209. Springer International Publishing, Switzerland, 2014.
- [19] Amit Chakrabarti and Sagar Kale. Submodular maximization meets streaming: Matchings, matroids, and more. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 210–221. Springer International Publishing, Switzerland, 2014.
- [20] Chandra Chekuri and Alina Ene. The all-or-nothing flow problem in directed graphs with symmetric demand pairs. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 222–233. Springer International Publishing, Switzerland, 2014.
- [21] Michele Conforti, Alberto Del Pia, Marco Di Summa, and Yuri Faenza. Reverse split rank. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 234–248. Springer International Publishing, Switzerland, 2014.
- [22] José R. Correa, Alberto Marchetti-Spaccamela, Jannik Matuschke, Leen Stougie, Ola Svensson, Víctor Verdugo, and José Verschae. Strong lp formulations for scheduling splittable jobs on unrelated machines. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International*

Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014), volume 8494 of *LNCS*, pages 249–260. Springer International Publishing, Switzerland, 2014.

- [23] Santanu S. Dey, Marco Molinaro, and Qianyi Wang. How good are sparse cutting-planes? In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 261–272. Springer International Publishing, Switzerland, 2014.
- [24] Uriel Feige, R. Ravi, and Mohit Singh. Short tours through large linear forests. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 273–284. Springer International Publishing, Switzerland, 2014.
- [25] Zachary Friggstad, Jochen Könemann, Young Kun-Ko, Anand Louis, Mohammad Shadravan, and Madhur Tulsiani. Linear programming hierarchies suffice for directed steiner tree. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 285–296. Springer International Publishing, Switzerland, 2014.
- [26] Chien-Chung Huang and Telikepalli Kavitha. An improved approximation algorithm for the stable marriage problem with one-sided ties. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 297–308. Springer International Publishing, Switzerland, 2014.
- [27] Volker Kaibel and Matthias Walter. Simple extensions of polytopes. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 309–320. Springer International Publishing, Switzerland, 2014.

- [28] Volker Kaibel and Stefan Weltge. Lower bounds on the sizes of integer programs without additional variables. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 321–332. Springer International Publishing, Switzerland, 2014.
- [29] Christos Kalaitzis, Aleksander Mądry, Alantha Newman, Lukáš Poláček, and Ola Svensson. On the configuration lp for maximum budgeted allocation. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 333–344. Springer International Publishing, Switzerland, 2014.
- [30] Fatma Kılınç-Karzan and Sercan Yıldız. Two-term disjunctions on the second-order cone. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 345–356. Springer International Publishing, Switzerland, 2014.
- [31] Madhukar Korupolu, Adam Meyerson, Rajmohan Rajaraman, and Brian Tagiku. Coupled and k -sided placements: Generalizing generalized assignment. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 357–368. Springer International Publishing, Switzerland, 2014.
- [32] Lap Chi Lau and Hong Zhou. A unified algorithm for degree bounded survivable network design. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 369–380. Springer International Publishing, Switzerland, 2014.
- [33] Matthias Mnich and Andreas Wiese. Scheduling and fixed-parameter tractability. In Jon Lee and Jens Vygen, editors, *Proceedings of the*

17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014), volume 8494 of *LNCS*, pages 381–392. Springer International Publishing, Switzerland, 2014.

- [34] Diego Pecin, Artur Pessoa, Marcus Poggi, and Eduardo Uchoa. Improved branch-cut-and-price for capacitated vehicle routing. In Jon Lee and Jens Vygen, editors, *Proceedings of the 17th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2014 (Bonn, Germany, June 23-25, 2014)*, volume 8494 of *LNCS*, pages 393–403. Springer International Publishing, Switzerland, 2014.