

## References

- [1] Karen Aardal, Cor Hurkens, and Arjen K. Lenstra. Solving a linear diophantine equation with lower and upper bounds on the variables. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 229–242. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [2] Hernán Abeledo and Gary Atkinson. Polyhedral combinatorics of benzenoid problems. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 202–212. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [3] Alexander Barvinok, David S. Johnson, Gerhard J. Woeginger, and Russell Woodroffe. The maximum traveling salesman problem under polyhedral norms. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 195–201. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [4] Gruia Călinescu, Cristina G. Fernandes, and Bruce Reed. Multicuts in unweighted graphs with bounded degree and bounded tree-width. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 137–152. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [5] Robert Carr and R. Ravi. A new bound for the 2-edge connected subgraph problem. In Robert E. Bixby, E. Andrew Boyd, and Roger Z.

- Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 112–125. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [6] Sebastián Ceria and Gábor Pataki. Solving integer and disjunctive programs by lift and project. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 271–283. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [7] Chandra Chekuri and Michael Bender. An efficient approximation algorithm for minimizing makespan on uniformly related machines. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 383–393. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [8] Joseph Cheriyan, András Sebő, and Zoltán Szigeti. An improved approximation algorithm for minimum size 2-edge connected spanning subgraphs. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 126–136. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [9] Thomas Christof, Marcus Oswald, and Gerhard Reinelt. Consecutive ones and a betweenness problem in computational biology. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 213–228. Springer-

Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [10] Fabián A. Chudak. Improved approximation algorithms for uncapacitated facility location. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 180–194. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [11] Michele Conforti and Ajai Kapoor. A theorem of trueemper. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 53–68. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [12] Gérard Cornuéjols and Milind Dawande. A class of hard small 0-1 programs. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 284–293. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [13] Gérard Cornuéjols, Bertrand Guenin, and François Margot. The packing property. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 1–8. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [14] Sándor P. Fekete and Jörg Schepers. New classes of lower bounds for bin packing problems. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization,*

*IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 257–270. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [15] Lisa Fleischer. Building chain and cactus representations of all minimum cuts from  $\text{hao-orlin}$  in the same asymptotic run time. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 294–309. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [16] Grigor Gasparyan. Bipartite designs. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 23–36. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [17] Andrew V. Goldberg, Jeffrey D. Oldham, Serge Plotkin, and Cliff Stein. An implementation of a combinatorial approximation algorithm for minimum-cost multicommodity flow. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 338–352. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [18] Bertrand Guenin. A characterization of weakly bipartite graphs. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 9–22. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [19] Christoph Helmberg, Krzysztof C. Kiwiel, and Franz Rendl. Incorporating inequality constraints in the spectral bundle method. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 423–435. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [20] Dorit S. Hochbaum. The pseudoflow algorithm and the pseudoflow-based simplex for the maximum flow problem. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 325–337. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [21] Han Hoogeveen, Petra Schuurman, and Gerhard J. Woeginger. Non-approximability results for scheduling problems with minsum criteria. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 353–366. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [22] Volker Kaibel. Polyhedral combinatorics of quadratic assignment problems with less objects than locations. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 409–422. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [23] Stavros G. Kolliopoulos and Clifford Stein. Approximating disjoint-path problems using greedy algorithms and packing integer programs.

- In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 153–168. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [24] Alexander Martin and Robert Weismantel. The intersection of knapsack polyhedra and extensions. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 243–256. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [25] Alix Munier, Maurice Queyranne, and Andreas S. Schulz. Approximation bounds for a general class of precedence constrained parallel machine scheduling problems. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 367–382. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [26] Hiroshi Nagamochi and Peter Eades. Edge-splitting and edge-connectivity augmentation in planar graphs. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 96–111. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [27] Daishin Nakamura and Akihisa Tamura. The generalized stable set problem for claw-free bidirected graphs. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412

- of *LNCS*, pages 69–83. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [28] Balaji Raghavachari and Jeyakesavan Veerasamy. Approximation algorithms for the mixed postman problem. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 169–179. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [29] András Sebő. Characterizing noninteger polyhedra with 0-1 constraints. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 37–52. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [30] Zoltán Szigeti. On a min-max theorem of cacti. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 84–95. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [31] Éva Tardos and Kevin D. Wayne. Simple generalized maximum flow algorithms. In Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 310–324. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [32] R.N. Uma and Joel Wein. On the relationship between combinatorial and  $lp$ -based approaches to  $np$ -hard scheduling problems. In

Robert E. Bixby, E. Andrew Boyd, and Roger Z. Ríos-Mercado, editors, *Proceedings of the 6th International Conference on Integer Programming and Combinatorial Optimization, IPCO'98 (Houston, Texas, June 22-24, 1998)*, volume 1412 of *LNCS*, pages 394–408. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.