

References

- [1] Faisal N. Abu-Khzam, Amer E. Mouawad, and Mathieu Liedloff. An exact algorithm for connected red-blue dominating set. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 25–36. Springer-Verlag, Berlin-Heidelberg, 2010.
- [2] Ricardo Baeza-Yates. Towards a distributed search engine. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 1–5. Springer-Verlag, Berlin-Heidelberg, 2010.
- [3] Reinhard Bauer, Tobias Columbus, Bastian Katz, Marcus Krug, and Dorothea Wagner. Preprocessing speed-up techniques is hard. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 359–370. Springer-Verlag, Berlin-Heidelberg, 2010.
- [4] Dorothea Baumeister, Felix Brandt, Felix Fischer, Jan Hoffmann, and Jörg Rothe. The complexity of computing minimal unidirectional covering sets. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 299–310. Springer-Verlag, Berlin-Heidelberg, 2010.
- [5] Daniel Binkele-Raible, Ljiljana Brankovic, Henning Fernau, Joachim Kneis, Dieter Kratsch, Alexander Langer, Mathieu Liedloff, and Peter Rossmanith. A parameterized route to exact puzzles: Breaking the 2^n -barrier for irredundance. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 311–322. Springer-Verlag, Berlin-Heidelberg, 2010.
- [6] Péter Biró, Robert W. Irving, and David F. Manlove. Popular matchings in the marriage and roommates problems. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference*

- on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 97–108. Springer-Verlag, Berlin-Heidelberg, 2010.
- [7] Hans-Joachim Böckenhauer, Karin Freiermuth, Juraj Hromkovič, Tobias Mömke, Andreas Sprock, and Björn Steffen. The steiner tree reoptimization problem with sharpened triangle inequality. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 180–191. Springer-Verlag, Berlin-Heidelberg, 2010.
- [8] Hans-Joachim Böckenhauer, Ralf Klasing, Tobias Mömke, and Monika Steinová. Improved approximations for tsp with simple precedence constraints. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 61–72. Springer-Verlag, Berlin-Heidelberg, 2010.
- [9] Janina Brenner and Guido Schäfer. Online cooperative cost sharing. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 252–263. Springer-Verlag, Berlin-Heidelberg, 2010.
- [10] Leizhen Cai and Boting Yang. Parameterized complexity of even/odd subgraph problems. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 85–96. Springer-Verlag, Berlin-Heidelberg, 2010.
- [11] Jérémie Chalopin, Shantanu Das, Yann Disser, Matúš Mihalák, and Peter Widmayer. How simple robots benefit from looking back. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 229–239. Springer-Verlag, Berlin-Heidelberg, 2010.
- [12] Jérémie Chalopin and Daniël Paulusma. Packing bipartite graphs with covers of complete bipartite graphs. In Tiziana Calamoneri and

- Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 276–287. Springer-Verlag, Berlin-Heidelberg, 2010.
- [13] Ching-Lueh Chang and Yuh-Dauh Lyuu. Bounding the number of tolerable faults in majority-based systems. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 109–119. Springer-Verlag, Berlin-Heidelberg, 2010.
- [14] Panagiotis Cheilaris and Géza Tóth. Graph unique-maximum and conflict-free colorings. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 143–154. Springer-Verlag, Berlin-Heidelberg, 2010.
- [15] Jen-Hou Chou and Chi-Jen Lu. Communication requirements for stable marriages. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 371–382. Springer-Verlag, Berlin-Heidelberg, 2010.
- [16] Marek Cygan, Łukasz Kowalik, and Borut Lužar. A planar linear arboricity conjecture. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 204–216. Springer-Verlag, Berlin-Heidelberg, 2010.
- [17] Marek Cygan, Marcin Pilipczuk, and Jakub Onufry Wojtaszczyk. Irredundant set faster than $o(2^n)$. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 288–298. Springer-Verlag, Berlin-Heidelberg, 2010.
- [18] Daniel Dressler and Martin Strehler. Capacitated confluent flows: Complexity and algorithms. In Tiziana Calamoneri and Josep Diaz, editors,

Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010), volume 6078 of *LNCS*, pages 347–358. Springer-Verlag, Berlin-Heidelberg, 2010.

- [19] Paul Dütting and Monika Henzinger. Mechanisms for the marriage and the assignment game. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 6–12. Springer-Verlag, Berlin-Heidelberg, 2010.
- [20] Bruno Escoffier, Laurent Gourv'és, and Jérôme Monnot. Strategic coloring of a graph. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 155–166. Springer-Verlag, Berlin-Heidelberg, 2010.
- [21] Gianni Franceschini and Torben Hagerup. Finding the maximum suffix with fewer comparisons. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 323–334. Springer-Verlag, Berlin-Heidelberg, 2010.
- [22] Pinar Heggernes, Federico Mancini, Jesper Nederlof, and Yngve Villanger. A parameterized algorithm for CHORDAL SANDWICH. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 120–130. Springer-Verlag, Berlin-Heidelberg, 2010.
- [23] Giuseppe F. Italiano. Resilient algorithms and data structures. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 13–24. Springer-Verlag, Berlin-Heidelberg, 2010.
- [24] Bart Jansen. Kernelization for maximum leaf spanning tree with positive vertex weights. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 192–203. Springer-Verlag, Berlin-Heidelberg, 2010.

- [25] Dieter Mitsche, Maria Saumell, and Rodrigo I. Silveira. On the number of higher order delaunay triangulations. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 217–228. Springer-Verlag, Berlin-Heidelberg, 2010.
- [26] Burkhard Monien and Tobias Tscheuschner. On the power of nodes of degree four in the local max-cut problem. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 264–275. Springer-Verlag, Berlin-Heidelberg, 2010.
- [27] Martin Olsen. Maximizing pagerank with new backlinks. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 37–48. Springer-Verlag, Berlin-Heidelberg, 2010.
- [28] Reinhard Pichler, Stefan Rümmele, and Stefan Woltran. Multicut algorithms via tree decompositions. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 167–179. Springer-Verlag, Berlin-Heidelberg, 2010.
- [29] Dana Ron and Gilad Tsur. Testing computability by width-2 obdds where the variable order is unknown. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 131–142. Springer-Verlag, Berlin-Heidelberg, 2010.
- [30] Rahul Tripathi, Elena Valkanova, and V.S. Anil Kumar. On strategy improvement algorithms for simple stochastic games. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 240–251. Springer-Verlag, Berlin-Heidelberg, 2010.

- [31] Johan M.M. van Rooij. Polynomial space algorithms for counting dominating sets and the domatic number. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 73–84. Springer-Verlag, Berlin-Heidelberg, 2010.
- [32] Hui Zhang, Qing Guo, and Costas S. Iliopoulos. An algorithmic framework for motif discovery problems in weighted sequences. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 335–346. Springer-Verlag, Berlin-Heidelberg, 2010.
- [33] Bingbing Zhuang and Hiroshi Nagamochi. Enumerating rooted graphs with reflectional block structures. In Tiziana Calamoneri and Josep Diaz, editors, *Proceedings of the 7th International Conference on Algorithms and Complexity, CIAC'2010 (Rome, Italy, May 26-28, 2010)*, volume 6078 of *LNCS*, pages 49–60. Springer-Verlag, Berlin-Heidelberg, 2010.