

References

- [1] Pankaj K. Agarwal, Lars Arge, and Ke Yi. I/o-efficient construction of constrained delaunay triangulations. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 355–366. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [2] Hassene Aissi, Cristina Bazgan, and Daniel Vanderpoorten. Approximation complexity of min-max (regret) versions of shortest path, spanning tree, and knapsack. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 862–873. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [3] Arianna Alfieri, Steef L. van de Velde, and Gerhard J. Woeginger. Roll cutting in the curtain industry. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 283–292. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [4] Giorgio Ausiello, Paolo G. Franciosa, and Giuseppe F. Italiano. Small stretch spanners on dynamic graphs. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 532–543. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [5] Yossi Azar and Rafi Zachut. Packet routing and information gathering in lines, rings and trees. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 484–495. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [6] Reuven Bar-Yehuda and Dror Rawitz. Using fractional primal-dual to schedule split intervals with demands. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 496–507. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- fano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 714–725. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [7] Garima Batra, Naveen Garg, and Garima Gupta. Heuristic improvements for computing maximum multicommodity flow and minimum multicut. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 35–46. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
 - [8] Yigal Bejerano, Joseph Naor, and Alexander Sprintson. Efficient algorithms for shared backup allocation in networks with partial information. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 702–713. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
 - [9] Robert Benkoczi and Binay Bhattacharya. A new template for solving p -median problems for trees in sub-quadratic time. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 271–282. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
 - [10] Eric Berberich, Arno Eigenwillig, Michael Hemmer, Susan Hert, Lutz Kettner, Kurt Mehlhorn, Joachim Reichel, Susanne Schmitt, Elmar Schömer, and Nicola Wolpert. Exacus: Efficient and exact algorithms for curves and surfaces. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 155–166. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
 - [11] Petra Berenbrink, Funda Ergun, and Tom Friedetzky. Finding frequent patterns in a string in sublinear time. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6,*

2005), volume 3669 of *LNCS*, pages 746–757. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- [12] André Berger, Artur Czumaj, Michelangelo Grigni, and Hairong Zhao. Approximation schemes for minimum 2-connected spanning subgraphs in weighted planar graphs. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 472–483. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [13] Anne Bergeron, Cedric Chauve, Fabien de Montgolfier, and Mathieu Raffinot. Computing common intervals of k permutations, with applications to modular decomposition of graphs. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 779–790. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [14] Marcin Bienkowski and Jarosław Byrka. Bucket game with applications to set multicover and dynamic page migration. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 815–826. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [15] Vittorio Bilò, Ioannis Caragiannis, Christos Kaklamanis, and Panagiotis Kanellopoulos. Geometric clustering to minimize the sum of cluster sizes. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 460–471. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [16] Andreas Björklund. Approximating integer quadratic programs and maxcut in subdense graphs. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 839–849. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- [17] Hans L. Bodlaender, Alexander Grigoriev, and Arie M.C.A. Koster. Treewidth lower bounds with brambles. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 391–402. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [18] Jean-Daniel Boissonnat and Christophe Delage. Convex hull and voronoi diagram of additively weighted points. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 367–378. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [19] Niv Buchbinder and Joseph Naor. Online primal-dual algorithms for covering and packing problems. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 689–701. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [20] Sergio Cabello, Panos Giannopoulos, Christian Knauer, and Günter Rote. Matching point sets with respect to the earth mover's distance. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 520–531. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [21] Sergio Cabello and Bojan Mohar. Finding shortest non-separating and non-contractible cycles for topologically embedded graphs. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 131–142. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [22] Geeta Chaudhry and Thomas H. Cormen. Oblivious vs. distribution-based sorting: An experimental evaluation. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European*

Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005), volume 3669 of *LNCS*, pages 317–328. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- [23] Zhi-Zhong Chen and Takayuki Nagoya. Improved approximation algorithms for metric max tsp. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 179–190. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [24] George Christodoulou and Elias Koutsoupias. On the price of anarchy and stability of correlated equilibria of linear congestion games. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 59–70. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [25] Ferdinando Cicalese and Eduardo Sany Laber. An optimal algorithm for querying priced information: Monotone boolean functions and game trees. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 664–676. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [26] Bruno Codenotti, Benton McCune, Rajiv Raman, and Kasturi Varadarajan. Computing equilibrium prices: Does theory meet practice? In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 83–94. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [27] Maxime Crochemore, Danny Hermelin, Gad M. Landau, and Stéphane Vialette. Approximating the 2-interval pattern problem. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 426–437. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- [28] Konstantinos Daskalakis and Christos H. Papadimitriou. The complexity of games on highly regular graphs. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 71–82. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [29] Mark de Berg, Herman Haverkort, and Micha Streppel. Efficient c -oriented range searching with dop-trees. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 508–519. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [30] Thierry de Kok, Marc van Kreveld, and Maarten Löffler. Generating realistic terrains with higher-order delaunay triangulations. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 343–354. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [31] Erik D. Demaine and Stefan Langerman. Optimizing a 2d function satisfying unimodality properties. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 887–898. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [32] Roman Dementiev, Lutz Kettner, and Peter Sanders. Stxxl: Standard template library for xxl data sets. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 640–651. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [33] J. Díaz, G. Grammatikopoulos, A.C. Kaporis, L.M. Kirousis, X. Pérez, and D.G. Sotiropoulos. 5-regular graphs are 3-colorable with positive probability. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms*,

ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005), volume 3669 of *LNCS*, pages 215–225. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- [34] Frederic Dorn, Eelko Penninkx, Hans L. Bodlaender, and Fedor V. Fomin. Efficient exact algorithms on planar graphs: Exploiting sphere cut branch decompositions. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 95–106. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [35] Leah Epstein. Online bin packing with cardinality constraints. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 604–615. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [36] Martín Farach-Colton, Rohan J. Fernandes, and Miguel A. Mosteiro. Bootstrapping a hop-optimal network in the weak sensor model. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 827–838. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [37] Mohammad Farshi and Joachim Gudmundsson. Experimental study of geometric t -spanners. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 556–567. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [38] Arash Farzan, Paolo Ferragina, Gianni Franceschini, and J. Ian Munro. Cache-oblivious comparison-based algorithms on multisets. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 305–316. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- [39] Alain Faye and Frédéric Roupin. A cutting planes algorithm based upon a semidefinite relaxation for the quadratic assignment problem. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 850–861. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [40] Amos Fiat, Jared Saia, and Maxwell Young. Making chord robust to byzantine attacks. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 803–814. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [41] Irene Finocchi, Fabrizio Grandoni, and Giuseppe F. Italiano. Designing reliable algorithms in unreliable memories. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 1–8. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [42] Johannes Fischer and Simon W. Ginzinger. A 2-approximation algorithm for sorting by prefix reversals. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 415–425. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [43] Aleksei V. Fishkin, Klaus Jansen, Sergey V. Sevastyanov, and René Sitters. Preemptive scheduling of independent jobs on identical parallel machines subject to migration delays. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 580–591. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [44] Rudolf Fleischer and Gerhard Trippen. Exploring an unknown graph efficiently. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms*,

ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005), volume 3669 of *LNCS*, pages 11–22. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- [45] Gereon Frahling and Jens Krokowski. Online occlusion culling. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 758–769. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [46] Pierre Fraigniaud. Greedy routing in tree-decomposed graphs. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 791–802. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [47] András Frank, Zoltán Király, and Balázs Kotnyek. An algorithm for node-capacitated ring routing. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 249–258. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [48] Anders Gidenstam, Marina Papatriantafilou, and Philippas Tsigas. Allocating memory in a lock-free manner. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 329–342. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [49] Refael Hassin and Asaf Levin. An approximation algorithm for the minimum latency set cover problem. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 726–733. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [50] Refael Hassin and Einat Or. Min sum clustering with penalties. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de*

Mallorca, Spain, October 3-6, 2005), volume 3669 of *LNCS*, pages 167–178. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- [51] David Hay and Gabriel Scalosub. Jitter regulation for multiple streams. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 496–507. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [52] Ara Hayrapetyan, David Kempe, Martin Pál, and Zoya Svitkina. Unbalanced graph cuts. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 191–202. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [53] Pinar Heggernes, Karol Suchan, Ioan Todinca, and Yngve Villanger. Minimal interval completions. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 403–414. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [54] Martin Holzer, Grigoris Prasinos, Frank Schulz, Dorothea Wagner, and Christos Zaroliagis. Engineering planar separator algorithms. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 628–639. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [55] T.C. Hu, Lawrence L. Larmore, and J. David Morgenthaler. Optimal integer alphabetic trees in linear time. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 226–237. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [56] Hiro Ito, Kazuo Iwama, and Tsuyoshi Osumi. Linear-time enumeration of isolated cliques. In Gerth Stølting Brodal and Stefano Leonardi,

- editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 119–130. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [57] Marek Karpinski and Yakov Nekrich. Predecessor queries in constant time? In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 238–248. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
 - [58] Samir Khuller, Kwangil Lee, and Mark Shayman. On degree constrained shortest paths. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 259–270. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
 - [59] Georg Kliewer and Larissa Timajev. Relax-and-cut for capacitated network design. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 47–58. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
 - [60] Annamária Kovács. Fast monotone 3-approximation algorithm for scheduling related machines. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 616–627. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
 - [61] Ioannis Krommidas and Christos Zaroliagis. An experimental study of algorithms for fully dynamic transitive closure. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 544–555. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- [62] Luděk Kučera. Low degree connectivity in ad-hoc networks. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 203–214. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [63] Ulrich Lauther and Tamás Lukovszki. Space efficient algorithms for the burrows-wheeler backtransformation. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 293–304. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [64] Gurmeet Singh Manku and Joe Sawada. A loopless gray code for minimal signed-binary representations. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 438–447. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [65] Dániel Marx. Efficient approximation schemes for geometric problems? In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 448–459. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [66] Cristopher Moore. Fearful symmetries: Quantum computing, factoring, and graph isomorphism. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 10–10. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [67] Kamesh Munagala, Jun Yang, and Hai Yu. Online view maintenance under a response-time constraint. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA '2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 677–688. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- [68] S. Muthukrishnan, M. Strauss, and X. Zheng. Workload-optimal histograms on streams. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 734–745. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [69] Joseph Naor. From balanced graph partitioning to balanced metric labeling. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 9–9. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [70] Christophe Paul and Jan Arne Telle. New tools and simpler algorithms for branchwidth. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 379–390. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [71] Iris Reinbacher, Marc Benkert, Marc van Kreveld, Joseph S.B. Mitchell, and Alexander Wolff. Delineating boundaries for imprecise regions. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 143–154. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [72] Stefan Rührup and Christian Schindelhauer. Online routing in faulty meshes with sub-linear comparative time and traffic ratio. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 23–34. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [73] Peter Sanders and Dominik Schultes. Highway hierarchies hasten exact shortest path queries. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 568–579. Springer-Verlag, Berlin-Heidelberg-New York, 2005.

- [74] Piotr Sankowski. Shortest paths in matrix multiplication time. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 770–778. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [75] Jiří Sgall, Hadas Shachnai, and Tami Tamir. Fairness-free periodic scheduling with vacations. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 592–603. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [76] Vikram Sharma, Zilin Du, and Chee K. Yap. Robust approximate zeros. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 874–886. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [77] Magnus Wahlström. An algorithm for the sat problem for formulae of linear length. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 107–118. Springer-Verlag, Berlin-Heidelberg-New York, 2005.
- [78] Chi-Him Wong and Yiu-Cheong Tam. Negative cycle detection problem. In Gerth Stølting Brodal and Stefano Leonardi, editors, *Proceedings of the 13th Annual European Symposium on Algorithms, ESA'2005 (Palma de Mallorca, Spain, October 3-6, 2005)*, volume 3669 of *LNCS*, pages 652–663. Springer-Verlag, Berlin-Heidelberg-New York, 2005.