

References

- [1] Pankaj K. Agarwal, Lars Arge, and Jan Vahrenhold. Time responsive external data structures for moving points. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 50–61. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [2] Pankaj K. Agarwal, Mark de Berg, Sariel Har-Peled, Mark H. Overmars, Micha Sharir, and Jan Vahrenhold. Reporting intersecting pairs of polytopes in two and three dimensions. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 122–134. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [3] Lars Arge, Ulrich Meyer, Laura Toma, and Norbert Zeh. On external-memory planar depth first search. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 471–482. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [4] Esther M. Arkin, Michael A. Bender, Erik D. Demaine, Martin L. Demaine, Joseph S.B. Mitchell, Saurabh Sethia, and Steven S. Skiena. When can you fold a map? In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 401–413. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [5] Esther M. Arkin, Sándor P. Fekete, Ferran Hurtado, Joseph S.B. Mitchell, Marc Noy, Vera Sacristán, and Saurabh Sethia. On the reflexivity of point sets. In Frank Dehne, Jörg-Rüdiger Sack, and

- Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 192–204. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [6] Mikhail J. Atallah and Wenliang Du. Secure multi-party computational geometry. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 165–179. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [7] David A. Bader, Bernard M.E. Moret, and Mi Yan. A linear-time algorithm for computing inversion distance between signed permutations with an experimental study. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 365–376. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [8] Amitabha Bagchi, Amitabh Chaudhary, Rahul Garg, Michael T. Goodrich, and Vijay Kumar. Seller-focused algorithms for online auctioning. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 135–147. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [9] Marshall Bern and David Eppstein. Optimal möbius transformations for information visualization and meshing. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 14–25. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

- [10] Marshall Bern and David Eppstein. Optimization over zonotopes and training support vector machines. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 111–121. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [11] Binay Bhattacharya, Asish Mukhopadhyay, and Giri Narasimhan. Optimal algorithms for two-guard walkability of simple polygons. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 438–449. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [12] Andreas Björklund and Andrzej Lingas. Fast boolean matrix multiplication for highly clustered data. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 258–263. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [13] Avrim Blum, Adam Kalai, and Jon Kleinberg. Admission control to minimize rejections. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 155–164. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [14] Prosenjit Bose, Anil Maheshwari, Pat Morin, and Jason Morrison. The grid placement problem. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 180–191. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

- [15] Ulrik Brandes and Sabine Cornelsen. Visual ranking of link structures. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 222–233. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [16] Samarjit Chakraborty, Thomas Erlebach, and Lothar Thiele. On the complexity of scheduling conditional real-time code. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 38–49. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [17] Zhi-Zhong Chen, Tao Jiang, and Guo-Hui Lin. Computing phylogenetic roots with bounded degrees and errors. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 377–388. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [18] Edith Cohen, Haim Kaplan, and Uri Zwick. Competitive analysis of the lrfu paging algorithm. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 148–154. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [19] Walter Didimo and Maurizio Pizzonia. Upward embeddings and orientations of undirected planar graphs. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 339–351. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

- [20] Feodor F. Dragan, Andrew B. Kahng, Ion I. Măndoiu, Sudhakar Muddu, and Alexander Zelikovsky. Practical approximation algorithms for separable packing linear programs. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 325–337. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [21] Adrian Dumitrescu and János Pach. Partitioning colored point sets into monochromatic parts. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 264–275. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [22] Markus Eiglsperger and Michael Kaufmann. An approach for mixed upward planarization. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 352–364. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [23] David Eppstein. Small maximal independent sets and faster exact graph coloring. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 462–470. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [24] Thomas Erlebach, Hans Kellerer, and Ulrich Pferschy. Approximating multi-objective knapsack problems. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages

210–221. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

- [25] Wolfgang Espelage, Frank Gurski, and Egon Wanke. Deciding clique-width for graphs of bounded tree-width. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 87–98. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [26] Rolf Fagerberg, Rune E. Jensen, and Kim S. Larsen. Search trees with relaxed balance and near-optimal height. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 414–425. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [27] Sándor P. Fekete, Ekkehard Köhler, and Jürgen Teich. Higher-dimensional packing with order constraints. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 300–312. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [28] Refael Hassin and Shlomi Rubinstein. A $\frac{7}{8}$ -approximation algorithm for metric max tsp. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 205–209. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [29] Xin He. A simple linear time algorithm for proper box rectangular drawings of plane graphs. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages

234–245. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

- [30] Ferran Hurtado, Giuseppe Liotta, and Henk Meijer. Optimal, suboptimal, and robust algorithms for proximity graphs. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 2–13. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [31] Iyaylo Ilinkin, Ravi Janardan, Jayanth Majhi, Jörg Schwerdt, Michiel Smid, and Ram Sriram. A decomposition-based approach to layered manufacturing. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 389–400. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [32] Haim Kaplan and Tova Milo. Short and simple labels for small distances and other functions. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 246–257. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [33] Menelaos I. Karavelas. Voronoi diagrams for moving disks and applications. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 62–74. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [34] Vladlen Koltun. Complexity bounds for vertical decompositions of linear arrangements in four dimensions. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001*

- (*Providence, RI, USA, August 8-10, 2001*), volume 2125 of *LNCS*, pages 99–110. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [35] F. Thomson Leighton. The challenges of delivering content on the internet. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 338–338. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [36] Philip M. Long. Using the pseudo-dimension to analyze approximation algorithms for integer programming. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 26–37. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [37] Anil Maheshwari, Michiel Smid, and Norbert Zeh. I/o-efficient shortest path queries in geometric spanners. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 287–299. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [38] Songrit Maneewongvatana and David M. Mount. The analysis of a probabilistic approach to nearest neighbor searching. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 276–286. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [39] Nir Menakerman and Raphael Rom. Bin packing with item fragmentation. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algo-*

- rithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 313–324. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [40] Naomi Nishimura, Prabhakar Ragde, and Dimitrios M. Thilikos. Fast fixed-parameter tractable algorithms for nontrivial generalizations of vertex cover. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 75–86. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [41] Rajeev Raman, Venkatesh Raman, and S. Srinivasa Rao. Succinct dynamic data structures. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 426–437. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [42] John Reif and Zheng Sun. Movement planning in the presence of flows. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 450–461. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.
- [43] Mihalis Yannakakis. Approximation of multiobjective optimization problems. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.