

References

- [1] Pankaj K. Agarwal and Nabil H. Mustafa. Independent set of intersection graphs of convex objects in 2d. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 127–137. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [2] Nir Andelman and Yishay Mansour. Auctions with budget constraints. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 26–38. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [3] Lars Arge and Laura Toma. Simplified external memory algorithms for planar dags. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 493–503. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [4] Tetsuo Asano, Naoki Katoh, Hisao Tamaki, and Takeshi Tokuyama. On geometric structure of global roundings for graphs and range spaces. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 455–467. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [5] Adi Avidor and Michael Langberg. The multi-multiway cut problem. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 273–284. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [6] Yossi Azar and Shai Taub. All-norm approximation for scheduling on identical machines. In Torben Hagerup and Jyrki Katajainen, editors,

Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004), volume 3111 of *LNCS*, pages 298–310. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.

- [7] Wolfgang W. Bein, Leah Epstein, Lawrence L. Larmore, and John Noga. Optimally competitive list batching. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 77–89. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [8] Piotr Berman, Bhaskar DasGupta, and Ming-Yang Kao. Tight approximability results for test set problems in bioinformatics. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 39–50. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [9] Joan Boyar and Paul Medvedev. The relative worst order ratio applied to seat reservation. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 90–101. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [10] Gerth Stølting Brodal. Cache-oblivious algorithms and data structures. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 3–13. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [11] Gerth Stølting Brodal, Rolf Fagerberg, Ulrich Meyer, and Norbert Zeh. Cache-oblivious data structures and algorithms for undirected breadth-first search and shortest paths. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume

3111 of *LNCS*, pages 480–492. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.

- [12] Paz Carmi and Matthew J. Katz. Power assignment in radio networks with two power levels. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 431–441. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [13] M.Y. Chan, Danny Chen, Francis Y.L. Chin, and Cao An Wang. Construction of the nearest neighbor embracing graph of a point set. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 150–160. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [14] Miroslav Chlebík and Janka Chlebíková. Improvement of nemhauser-trotter theorem and its applications in parametrized complexity. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 174–186. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [15] Mark de Berg, Sergio Cabello, Panos Giannopoulos, Christian Knauer, René van Oostrum, and Remco C. Veltkamp. Maximizing the area of overlap of two unions of disks under rigid motion. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 138–149. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [16] Anders Dessmark, Andrzej Lingas, and Eva-Marta Lundell. Subexponential-time framework for optimal embeddings of graphs in integer lattices. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory,*

SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004), volume 3111 of *LNCS*, pages 248–259. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.

- [17] Feodor F. Dragan, Chenyu Yan, and Irina Lomonosov. Collective tree spanners of graphs. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 64–76. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [18] Zdeněk Dvořák, Jan Kára, Daniel Král', and Ondřej Pangrác. An algorithm for cyclic edge connectivity of cubic graphs. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 236–247. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [19] Amr Elmasry. Layered heaps. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 212–222. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [20] Leah Epstein and Rob van Stee. Online scheduling of splittable tasks in peer-to-peer networks. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 408–419. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [21] Rudolf Fleischer, Mordecai J. Golin, and Yan Zhang. Online maintenance of k -medians and k -covers on a line. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 102–113. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.

- [22] Leszek Gąsieniec, Tomasz Radzik, and Qin Xin. Faster deterministic gossiping in directed ad hoc radio networks. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 397–407. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [23] Michael Gatto, Björn Glaus, Riko Jacob, Leon Peeters, and Peter Widmayer. Railway delay management: Exploring its algorithmic complexity. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 199–211. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [24] Michel Habib, Fabien de Montgolfier, and Christophe Paul. A simple linear-time modular decomposition algorithm for graphs, using order extension. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 187–198. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [25] Refael Hassin and Danny Segev. Robust subgraphs for trees and paths. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 51–63. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [26] Michael Hoffmann, Bettina Speckmann, and Csaba D. Tóth. Pointed binary encompassing trees. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 442–454. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [27] Kazuo Iwama, Shuichi Miyazaki, and Kazuya Okamoto. A $(2 - c\frac{\log n}{N})$ -approximation algorithm for the stable marriage problem. In Torben

- Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 349–361. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [28] Klaus Jansen. Approximation algorithms for the general max-min resource sharing problem: Faster and simpler. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 311–322. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
 - [29] Klaus Jansen and Guochuan Zhang. Maximizing the number of packed rectangles. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 362–371. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
 - [30] Raja Jothi and Balaji Raghavachari. Improved approximation algorithms for the single-sink buy-at-bulk network design problems. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 336–348. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
 - [31] Vladlen Koltun and Carola Wenk. Matching polyhedral terrains using overlays of envelopes. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 114–126. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
 - [32] Charles E. Leiserson. Design and analysis of dynamic multithreaded algorithms. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004*

(Humlebæk, Denmark, July 8-10, 2004), volume 3111 of *LNCS*, pages 1–2. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.

- [33] Andrew Lim, Brian Rodrigues, and Zhou Xu. Approximation schemes for the crane scheduling problem. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 323–335. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [34] Andrew Lim and Zhou Xu. The bottleneck problem with minimum quantity commitments. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 285–297. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [35] Kazuhisa Makino and Takeaki Uno. New algorithms for enumerating all maximal cliques. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 260–272. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [36] Giovanni Manzini. Two space saving tricks for linear time lcp array computation. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 372–383. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [37] Ran Mendelson, Robert E. Tarjan, Mikkel Thorup, and Uri Zwick. Melding priority queues. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 223–235. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.

- [38] Kirk Pruhs, Patchrawat Uthaisombut, and Gerhard Woeginger. Getting the best response for your erg. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 14–25. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [39] Jop F. Sibeyn. External connected components. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 468–479. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [40] Mikkel Thorup. Fully-dynamic all-pairs shortest paths: Faster and allowing negative cycles. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 384–396. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [41] Patchrawat Uthaisombut. The optimal online algorithms for minimizing maximum lateness. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 420–430. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.
- [42] Norbert Zeh. Connectivity of graphs under edge flips. In Torben Hagerup and Jyrki Katajainen, editors, *Proceedings of the 9th Scandinavian Workshop on Algorithm Theory, SWAT'2004 (Humlebæk, Denmark, July 8-10, 2004)*, volume 3111 of *LNCS*, pages 161–173. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2004.