References

[1] Giora Alexandron, Haim Kaplan, and Micha Sharir. Kinetic and dynamic data structures for convex hulls and upper envelopes. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 269–281. Springer-Verlag, Berlin-Heidelberg, 2005.

[2] Alejandro Almeida Ruiz, Fabrizio Luccio, Antonio Mesa Enriquez, and Linda Pagli. k-restricted rotation with an application to search tree rebalancing. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 2–13. Springer-Verlag, Berlin-Heidelberg, 2005.

[3] Giorgio Ausiello, Vincenzo Bonifaci, and Luigi Laura. The on-line asymmetric traveling salesman problem. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 306–317. Springer-Verlag, Berlin-Heidelberg, 2005.

[4] Ilya Baran, Erik D. Demaine, and Mihai Pătraşcu. Subquadratic algorithms for 3sum. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 409–421. Springer-Verlag, Berlin-Heidelberg, 2005.

[5] Michael A. Bender, David P. Bunde, Erik D. Demaine, Sándor P. Fekete, Vitus J. Leung, Henk Meijer, and Cynthia A. Phillips. Communication-aware processor allocation for supercomputers. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 169–181. Springer-Verlag, Berlin-Heidelberg, 2005.

[6] André Berger and Ojas Parekh. Linear time algorithms for generalized edge dominating set problems. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 233–243. Springer-Verlag, Berlin-Heidelberg, 2005.

[7] Piotr Berman and Surajit K. Das. On the vehicle routing problem. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 360–371. Springer-Verlag, Berlin-Heidelberg, 2005.

[8] Piotr Berman and Bhaskar DasGupta. Approximating the online set multicover problems via randomized winnowing. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 110–121. Springer-Verlag, Berlin-Heidelberg, 2005.

[9] Ankur Bhargava and S. Rao Kosaraju. Derandomization of dimensionality reduction and sdp based algorithms. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 396–408. Springer-Verlag, Berlin-Heidelberg, 2005.

[10] Markus Bläser, L. Shankar Ram, and Maxim Sviridenko. Improved approximation algorithms for metric maximum atsp and maximum 3-cycle cover problems. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 350–359. Springer-Verlag, Berlin-Heidelberg, 2005.

[11] Allan Borodin. Towards a theory of algorithms. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures,*

WADS'2005 (Waterloo, Canada, August 15-17, 2005), volume 3608 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg, 2005.

[12] Gerth Stølting Brodal and Gabriel Moruz. Tradeoffs between branch mispredictions and comparisons for sorting algorithms. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 385–395. Springer-Verlag, Berlin-Heidelberg, 2005.

[13] Paz Carmi, Matthew J. Katz, and Joseph S.B. Mitchell. The minimum-area spanning tree problem. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 195–204. Springer-Verlag, Berlin-Heidelberg, 2005.

[14] Luca Castelli Aleardi, Olivier Devillers, and Gilles Schaeffer. Succinct representation of triangulations with a boundary. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 134–145. Springer-Verlag, Berlin-Heidelberg, 2005.

[15] Timothy M. Chan. All-pairs shortest paths with real weights in $o(n^3/\log n)$ time. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 318–324. Springer-Verlag, Berlin-Heidelberg, 2005.

[16] Amitabh Chaudhary and Michael T. Goodrich. Balanced aspect ratio trees revisited. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 73–85. Springer-Verlag, Berlin-Heidelberg, 2005.

[17] Jian-Jia Chen, Tei-Wei Kuo, and Hsueh-I Lu. Power-saving scheduling for weakly dynamic voltage scaling devices. In Frank Dehne, Alejandro

López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 338–349. Springer-Verlag, Berlin-Heidelberg, 2005.

[18] Victor Chepoi, Bertrand Estellon, and Yann Vaxès. Approximation algorithms for forests augmentation ensuring two disjoint paths of bounded length. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 282–293. Springer-Verlag, Berlin-Heidelberg, 2005.

[19] Minkyoung Cho and David M. Mount. Improved approximation bounds for planar point pattern matching. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 432–443. Springer-Verlag, Berlin-Heidelberg, 2005.

[20] Ovidiu Daescu, Joseph S.B. Mitchell, Simeon Ntafos, James D. Palmer, and Chee K. Yap. k-link shortest paths in weighted subdivisions. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 325–337. Springer-Verlag, Berlin-Heidelberg, 2005.

[21] Erik D. Demaine, Martin L. Demaine, Jeffrey F. Lindy, and Diane L. Souvaine. Hinged dissection of polypolyhedra. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 205–217. Springer-Verlag, Berlin-Heidelberg, 2005.

[22] Karim Douïeb and Stefan Langerman. Dynamic hotlinks. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 182–194. Springer-Verlag, Berlin-Heidelberg, 2005.

[23] Adrian Dumitrescu, Annette Ebbers-Baumann, Ansgar Grüne, Rolf Klein, and Günter Rote. On geometric dilation and halving chords. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 244–255. Springer-Verlag, Berlin-Heidelberg, 2005.

[24] David Eppstein, Michael T. Goodrich, and Daniel S. Hirschberg. Improved combinatorial group testing for real-world problem sizes. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 86–98. Springer-Verlag, Berlin-Heidelberg, 2005.

[25] Mordecai J. Golin and Zhenming Liu. The structure of optimal prefix-free codes in restricted languages: The uniform probability case. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 372–384. Springer-Verlag, Berlin-Heidelberg, 2005.

[26] Jiong Guo, Jens Gramm, Falk Hüffner, Rolf Niedermeier, and Sebastian Wernicke. Improved fixed-parameter algorithms for two feedback set problems. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 158–168. Springer-Verlag, Berlin-Heidelberg, 2005.

[27] Jiong Guo, Rolf Niedermeier, and Sebastian Wernicke. Parameterized complexity of generalized vertex cover problems. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 36–48. Springer-Verlag, Berlin-Heidelberg, 2005.

[28] Jason D. Hartline and Vladlen Koltun. Near-optimal pricing in near-linear time. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 422–431. Springer-Verlag, Berlin-Heidelberg, 2005.

[29] Refael Hassin and Danny Segev. The multi-radius cover problem. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 24–35. Springer-Verlag, Berlin-Heidelberg, 2005.

[30] Kazuo Iwama, Andrzej Lingas, and Masaki Okita. Max-stretch reduction for tree spanners. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 122–133. Springer-Verlag, Berlin-Heidelberg, 2005.

[31] Zhentao Li and Bruce A. Reed. Heap building bounds. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 14–23. Springer-Verlag, Berlin-Heidelberg, 2005.

[32] Shlomo Moran and Sagi Snir. Convex recolorings of strings and trees: Definitions, hardness results and algorithms. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 218–232. Springer-Verlag, Berlin-Heidelberg, 2005.

[33] David Morgan. A dynamic implicit adjacency labelling scheme for line graphs. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 294–305. Springer-Verlag, Berlin-Heidelberg, 2005.

[34] Christian W. Mortensen and Seth Pettie. The complexity of implicit and space efficient priority queues. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 49–60. Springer-Verlag, Berlin-Heidelberg, 2005.

[35] Naomi Nishimura, Prabhakar Ragde, and Dimitrios M. Thilikos. Parameterized counting algorithms for general graph covering problems. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 99–109. Springer-Verlag, Berlin-Heidelberg, 2005.

[36] Yuriy A. Reznik. Analysis of a class of tries with adaptive multi-digitbranching. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 61–72. Springer-Verlag, Berlin-Heidelberg, 2005.

[37] Csaba D. Tóth. Orthogonal subdivisions with low stabbing numbers. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 256–268. Springer-Verlag, Berlin-Heidelberg, 2005.

[38] Jan Vahrenhold. Line-segment intersection made in-place. In Frank Dehne, Alejandro López-Ortiz, and Jörg-Rüdiger Sack, editors, *Proceedings of the 9th International Workshop on Algorithms and Data Structures, WADS'2005 (Waterloo, Canada, August 15-17, 2005)*, volume 3608 of *LNCS*, pages 146–157. Springer-Verlag, Berlin-Heidelberg, 2005.