References

[1] Gur Saran Adhar and Shietung Peng. Parallel algorithms for cographs: Recognition and applications. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 335–351. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[2] Alok Aggarwal, Shlomo Moran, Peter W. Shor, and Subhash Suri. Computing the minimum visible vertex distance between two polygons. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 115–134. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[3] Arne Andersson. Improving partial rebuilding by using simple balance criteria. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 393–402. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[4] Mikhail J. Atallah and Susanne E. Hambrusch. Optimal channel placement for multi-terminal nets. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 97–114. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[5] Ricardo A. Baeza-Yates. String searching algorithms revisited. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 75–96. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[6] Ricardo A. Baeza-Yates and Gaston H. Gonnet. Efficient text searching of regular expressions. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures,*

WADS'89 (Ottawa, Canada, August 17-19, 1989), volume 382 of *LNCS*, pages 1–2. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[7] Hans L. Bodlaender. On linear time minor tests and depth first search. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 577–590. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[8] Heinz Breu. An efficient algorithm for finding all maximal square blocks in a matrix. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 460–471. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[9] Lin Chen. *nc* algorithms for circular-arc graphs. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 291–302. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[10] Marek Chrobak, Joseph Naor, and Mark B. Novick. Using bounded degree spanning trees in the design of efficient algorithms on claw-free graphs. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 147–162. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[11] Walter Cunto, Gustavo Lau, and Philippe Flajolet. Analysis of kdt-trees: kd-trees improved by local reorganisations. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 24–38. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[12] Jurek Czyzowicz, Ivan Rival, and Jorge Urrutia. Galleries, light matchings and visibility graphs. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 316–324. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[13] Philippe Derome. A new search time update time tradeoff for the implicit dictionary. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 541–551. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[14] Luc Devroye. Probabilistic analysis of algorithms and data structures. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 230–230. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[15] Matthew Díaz and Joseph O'Rourke. Computing the center of area of a polygon. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 171–182. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[16] Paul F. Dietz. Fully persistent arrays. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 67–74. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[17] Paul F. Dietz. Optimal algorithms for list indexing and subset rank. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 39–46. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[18] Herbert Edelsbrunner. Combinatorial and computational results for line arrangements in space. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 591–591. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[19] David Fernández-Baca and Mark A. Williams. Augmentation problems on hierarchically defined graphs. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 563–576. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[20] Danièle Gardy, Philippe Flajolet, and Claude Puech. On the performance of orthogonal range queries in multiattribute and doubly chained trees. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 218–229. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[21] Michael T. Goodrich, Colm Ó'Dúnlaing, and Chee K. Yap. Constructing the voronoi diagram of a set of line segments in parallel. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 12–23. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[22] Michael T. Goodrich and Jack Scott Snoeyink. Stabbing parallel segments with a convex polygon. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 231–242. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[23] Michael E. Houle, Hiroshi Imai, Keiko Imai, and Jean-Marc Robert. Weighted orthogonal linear l_∞-approximation and applications. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada,*

August 17-19, 1989), volume 382 of *LNCS*, pages 183–191. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[24] Yie-Huei Hwang, Ruei-Chuan Chang, and Hung-Yi Tu. Finding all shortest path edge sequences on a convex polyhedron. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 251–266. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[25] Oscar H. Ibarra and Michael A. Palis. An efficient all-parses systolic algorithm for general context-free parsing. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 403–419. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[26] Giuseppe F. Italiano, Alberto Marchetti Spaccamela, and Umberto Nanni. Dynamic data structures for series parallel digraphs. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 352–372. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[27] Yan Ke and Joseph O'Rourke. Computing the kernel of a point set in a polygon. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 135–146. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[28] J. Mark Keil and Carl A. Gutwin. The delaunay triangulation closely approximates the complete euclidean graph. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 47–56. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[29] Samir Khuller. Parallel algorithms for the subgraph homeomorphism problem. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 303–315. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[30] Sam Kim, Robert McNaughton, and Robert McCloskey. A polynomial time algorithm for the local testability problem of deterministic finite automata. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 420–436. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[31] David G. Kirkpatrick and Stephen K. Wismath. Weighted visibility graphs of bars and related flow problems. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 325–334. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[32] Christos Levcopoulos and Ola Petersson. Heapsort — adapted for presorted files. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 499–509. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[33] Fabrizio Luccio, Mireille Régnier, and René Schott. Discs and other related data structures. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 192–205. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[34] Russ Miller and Quentin F. Stout. Optimal hypercube algorithms for labeled images. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89*

(Ottawa, Canada, August 17-19, 1989), volume 382 of *LNCS*, pages 517–528. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[35] J. Ian Munro and Venkatesh Raman. Sorting with minimum data movement. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 552–562. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[36] Naomi Nishimura. Complexity issues in tree-based version control. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 472–486. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[37] Graeme Port and Alistair Moffat. A fast algorithm for melding splay trees. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 450–459. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[38] Franco P. Preparata and Roberto Tamassia. Efficient spatial point location. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 3–11. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[39] William Pugh. Skip lists: A probabilistic alternative to balanced trees. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 437–449. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[40] A. Srinivasa Rao and C. Pandu Rangan. Linear algorithms for parity path and two path problems on circular-arc graph. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 267–290. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[41] David Rappaport. Computing the furthest site voronoi diagram for a set of discs. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 57–66. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[42] Jeffrey S. Salowe. Selecting the k^{th} largest-area convex polygon. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 243–250. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[43] Bertha Scholten and Jan van Leeuwen. Structured nc. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 487–498. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[44] Murray Sherk. Self-adjusting k-ary search trees. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 381–392. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[45] I. Hal Sudborough. On the complexity of single row routing problems. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 529–540. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[46] Wojciech Szpankowski. Digital data structures and order statistics. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 206–217. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[47] Mark Allen Weiss and Jainendra K. Navlakha. The distribution of keys in a binary heap. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 510–516. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[48] Chee-Keng Yap and Helmut Alt. Motion planning in the *cl*-environment. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 373–380. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.

[49] Rongyao Zhao. Linear time algorithms for computing reachability regions from polygonal figures. In F. Dehne, J.-R. Sack, and N. Santoro, editors, *Proceedings of the Workshop on Algorithms and Data Structures, WADS'89 (Ottawa, Canada, August 17-19, 1989)*, volume 382 of *LNCS*, pages 163–170. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1989.