References

[1] Panagiotis Alevizos, Jean-Daniel Boissonnat, and Franco P. Preparata. An optimal algorithm for the boundary of a cell in a union of rays. *Algorithmica*, 5:573–590, 1990.

[2] Bonnie Berger and John Rompel. A better performance guarantee for approximate graph coloring. *Algorithmica*, 5:459–466, 1990.

[3] Daniel Bienstock and Clyde L. Monma. On the complexity of embedding planar graphs to minimize certain distance measures. *Algorithmica*, 5:93–109, 1990.

[4] Gabriele Blankenagel and Ralf Hartmut Güting. Internal and external algorithms for the points-in-regions problem — the inside join of georelational algebra. *Algorithmica*, 5:251–276, 1990.

[5] Benny Chor and Oded Goldreich. An improved parallel algorithm for integer gcd. *Algorithmica*, 5:1–10, 1990.

[6] Shang-Ching Chou, William F. Schelter, and Jin-Gen Yang. An algorithm for constructing gröbner bases from characteristic sets and its application to geometry. *Algorithmica*, 5:147–154, 1990.

[7] Israel Cidon and Inder S. Gopal. Dynamic detection of subgraphs in computer networks. *Algorithmica*, 5:277–294, 1990.

[8] Joseph Culberson and J. Ian Munro. Analysis of the standard deletion algorithms in exact fit domain binary search trees. *Algorithmica*, 5:295–311, 1990.

[9] David P. Dobkin, Herbert Edelsbrunner, and Mark H. Overmars. Searching for empty convex polygons. *Algorithmica*, 5:561–571, 1990.

[10] David P. Dobkin and Diane L. Souvaine. Computational geometry in a curved world. *Algorithmica*, 5:421–457, 1990.

[11] Bruce R. Donald. The complexity of planar compliant motion planning under uncertainty. *Algorithmica*, 5:353–382, 1990.

[12] Dingzhu Du and Yanjun Zhang. On heuristics for minimum length rectilinear partitions. *Algorithmica*, 5:111–128, 1990.

1

[13] Teofilo Gonzalez and Si-Qing Zheng. Approximation algorithms for partitioning a rectangle with interior points. *Algorithmica*, 5:11–42, 1990.

[14] Xin He. Efficient parallel and sequential algorithms for 4-coloring perfect planar graphs. *Algorithmica*, 5:545–559, 1990.

[15] Xin He and Yaacov Yesha. Efficient parallel algorithms for r-dominating set and p-center problems on trees. *Algorithmica*, 5:129–145, 1990.

[16] F.K. Hwang and Y.C. Yao. Comments on bern's probabilistic results on rectilinear steiner trees. *Algorithmica*, 5:591–598, 1990.

[17] C.S. Jeong and D.T. Lee. Parallel geometric algorithms on a mesh-connected computer. *Algorithmica*, 5:155–177, 1990.

[18] M.T. Ko, R.C.T. Lee, and J.S. Chang. An optimal approximation algorithm for the rectilinear m-center problem. *Algorithmica*, 5:341–352, 1990.

[19] Clyde P. Kruskal, Larry Rudolph, and Marc Snir. Efficient parallel algorithms for graph problems. *Algorithmica*, 5:43–64, 1990.

[20] Yen-Ten Lai and Sany M. Leinwand. A theory of rectangular dual graphs. *Algorithmica*, 5:467–483, 1990.

[21] Sang-Ho Lee and Kyung-Yong Chwa. Some chain visibility problems in a simple polygon. *Algorithmica*, 5:485–507, 1990.

[22] F. Luccio, A. Pietracaprina, and G. Pucci. A new scheme for the deterministic simulation of prams in vlsi. *Algorithmica*, 5:529–544, 1990.

[23] Friedemann Mattern. Asynchronous distributed termination — parallel and symmetric solutions with echo algorithm. *Algorithmica*, 5:325–340, 1990.

[24] Kurt Mehlhorn and Stefan Näher. Dynamic fractional cascading. *Algorithmica*, 5:215–241, 1990.

[25] Clyde Monma, Michael Paterson, Subhash Suri, and Frances Yao. Computing euclidean maximum spanning trees. *Algorithmica*, 5:407–419, 1990.

[26] M. Orlowski. A new algorithm for the largest empty rectangle problem. *Algorithmica*, 5:65–73, 1990.

[27] Ian Parberry. An optimal time bound for oblivious routing. *Algorithmica*, 5:243–250, 1990.

[28] M.S. Paterson. Improved sorting networks with $o(\log n)$ depth. *Algorithmica*, 5:75–92, 1990.

[29] Carla D. Savage, Matthias Stallmann, and Jo Ellen Perry. Solving some combinatorial problems on arrays with one-way dataflow. *Algorithmica*, 5:179–199, 1990.

[30] S. Sudarshan and C. Pandu Rangan. A fast algorithm for computing sparse visibility graphs. *Algorithmica*, 5:201–214, 1990.

[31] Roberto Tamassia and Franco P. Preparata. Dynamic maintenance of planar digraphs, with applications. *Algorithmica*, 5:509–527, 1990.

[32] Esko Ukkonen. A linear-time algorithm for finding approximate shortest common superstrings. *Algorithmica*, 5:313–323, 1990.

[33] Michael M. Wu and Michael C. Loui. An efficient distributed algorithm for maximum matching in general graphs. *Algorithmica*, 5:383–406, 1990.