

## References

- [1] S. Albers and M. Mitzenmacher. Average case analysis of list update algorithms, with applications to data compression. *Algorithmica*, 21(3):312–329, 1998.
- [2] D. Alberts and M.R. Henzinger. Average-case analysis of dynamic graph algorithms. *Algorithmica*, 20(1):31–60, 1998.
- [3] D. Aldous. A metropolis-type optimization algorithm on the infinite tree. *Algorithmica*, 22(4):388–412, 1998.
- [4] N. Alon, Y. Azar, J. Csirik, L. Epstein, S.V. Sevastianov, A.P.A. Vestjens, and G.J. Woeginger. On-line and off-line approximation algorithms for vector covering problems. *Algorithmica*, 21(1):104–118, 1998.
- [5] H. Alt, U. Fuchs, G. Rote, and G. Weber. Matching convex shapes with respect to the symmetric difference. *Algorithmica*, 21(1):89–103, 1998.
- [6] E.M. Arkin, Y.-J. Chiang, M. Held, J.S.B. Mitchell, V. Sacristan, S.S. Skiena, and T.-C. Yang. On minimum-area hulls. *Algorithmica*, 21(1):119–136, 1998.
- [7] F. Aurenhammer, F. Hoffmann, and B. Aronov. Minkowski-type theorems and least-squares clustering. *Algorithmica*, 20(1):61–76, 1998.
- [8] A. Beimel and E. Kushilevitz. Learning boxes in high dimension. *Algorithmica*, 22(1-2):76–90, 1998.
- [9] I. Ben-Aroya, D.D. Chinn, and A. Schuster. A lower bound for nearly minimal adaptive and hot potato algorithms. *Algorithmica*, 21(4):347–376, 1998.
- [10] S. Ben-David. Can finite samples detect singularities of real-valued functions? *Algorithmica*, 22(1-2):3–17, 1998.
- [11] A. Blum, A. Frieze, R. Kannan, and S. Vempala. A polynomial-time algorithm for learning noisy linear threshold functions. *Algorithmica*, 22(1-2):35–52, 1998.
- [12] F.T. Bruss, M. Drmota, and G. Louchard. The complete solution of the competitive rank selection problem. *Algorithmica*, 22(4):413–447, 1998.

- [13] N.H. Bshouty, C. Tamon, and D.K. Wilson. Learning matrix functions over rings. *Algorithmica*, 22(1-2):91–111, 1998.
- [14] N.H. Bshouty, C. Tamon, and D.K. Wilson. On learning decision trees with large output domains. *Algorithmica*, 20(1):77–100, 1998.
- [15] D.A. Cenzler and W.R. Moser. A good oracle is hard to beat. *Algorithmica*, 22(1-2):18–34, 1998.
- [16] N. Cesa-Bianchi, D.P. Helmbold, and S. Panizza. On bayes methods for on-line boolean prediction. *Algorithmica*, 22(1-2):112–137, 1998.
- [17] L.-F. Chao and A. LaPaugh. Finding all minimal shapes in a routing channel. *Algorithmica*, 21(2):211–244, 1998.
- [18] S.-W. Cheng, M. Kaminski, and S. Zaks. Minimum dominating sets of intervals on lines. *Algorithmica*, 20(3):294–308, 1998.
- [19] Jr. Coffman, E.G., L. Flatto, P. Jelenković, and B. Poonen. Packing random intervals on-line. *Algorithmica*, 22(4):448–476, 1998.
- [20] M. Crochemore, C.S. Iliopoulos, and M. Korda. Two-dimensional prefix string matching and covering on square matrices. *Algorithmica*, 20(4):353–373, 1998.
- [21] A. Czumaj, P. Kanarek, M. Kutylowski, and K. Loryś. Fast generation of random permutations via networks simulation. *Algorithmica*, 21(1):2–20, 1998.
- [22] Seung Kim Dae, Kwan-Hee Yoo, Kyung-Yong Chwa, and Sung Yong Shin. Efficient algorithms for computing a complete visibility region in three-dimensional space. *Algorithmica*, 20(2):201–225, 1998.
- [23] L. Devroye, E.P. Mücke, and Binhai Zhu. A note on point location in delaunay triangulations of random points. *Algorithmica*, 22(4):477–482, 1998.
- [24] Ye. Dinitz and J. Westbrook. Maintaining the classes of 4-edge-connectivity in a graph on-line. *Algorithmica*, 20(3):242–276, 1998.

- [25] G. Even, J. (Seffi) Naor, B. Schieber, and M. Sudan. Approximating minimum feedback sets and multicuts in directed graphs. *Algorithmica*, 20(2):151–174, 1998.
- [26] M. Farach and M. Thorup. String matching in lempel-ziv compressed strings. *Algorithmica*, 20(4):388–404, 1998.
- [27] W. Fernandez de la Vega, A.M. Frieze, and M. Santha. Average-case analysis of the merging algorithm of hwang and lin. *Algorithmica*, 22(4):483–489, 1998.
- [28] P. Flajolet, P. Poblete, and A. Viola. On the analysis of linear probing hashing. *Algorithmica*, 22(4):490–515, 1998.
- [29] P. Fraigniaud and C. Gavoille. Interval routing schemes. *Algorithmica*, 21(2):155–182, 1998.
- [30] G.N. Frederickson. Maintaining regular properties dynamically in  $k$ -terminal graphs. *Algorithmica*, 22(3):330–350, 1998.
- [31] J. Friedman. Computing betti numbers via combinatorial laplacians. *Algorithmica*, 21(4):331–346, 1998.
- [32] A. Frieze and W. Szpankowski. Greedy algorithms for the shortest common superstring that are asymptotically optimal. *Algorithmica*, 21(1):21–36, 1998.
- [33] D. Frigioni, A. Marchetti-Spaccamela, and U. Nanni. Semidynamic algorithms for maintaining single-source shortest path trees. *Algorithmica*, 22(3):250–274, 1998.
- [34] A. Gräf, M. Stumpf, and G. Weissenfels. On coloring unit disk graphs. *Algorithmica*, 20(3):277–293, 1998.
- [35] S. Guha and S. Khuller. Approximation algorithms for connected dominating sets. *Algorithmica*, 20(4):374–387, 1998. see Erratum in *Algorithmica*, Vol. 49, 2007, No. 1, 79–79.
- [36] A. Gupta and N. Nishimura. Finding largest subtrees and smallest supertrees. *Algorithmica*, 21(2):183–210, 1998.

- [37] D. Harel and M. Sardas. An algorithm for straight-line drawing of planar graphs. *Algorithmica*, 20(2):119–135, 1998.
- [38] M.R. Henzinger and M.L. Fredman. Lower bounds for fully dynamic connectivity problems in graphs. *Algorithmica*, 22(3):351–362, 1998.
- [39] K. Hiraoka and S. Amari. Strategy under the unknown stochastic environment: The nonparametric lob-pass problem. *Algorithmica*, 22(1-2):138–156, 1998.
- [40] M. Hofri and P. Jacquet. Saddle points in random matrices: Analysis of knuth search algorithms. *Algorithmica*, 22(4):516–528, 1998.
- [41] H.-Kwang Hwang. Asymptotics of divide-and-conquer recurrences: Batcher’s sorting algorithm and a minimum euclidean matching heuristic. *Algorithmica*, 22(4):529–546, 1998.
- [42] G.F. Italiano and R. Ramaswami. Maintaining spanning trees of small diameter. *Algorithmica*, 22(3):275–304, 1998.
- [43] Tao Jiang and R.M. Karp. Mapping clones with a given ordering or interleaving. *Algorithmica*, 21(3):262–284, 1998.
- [44] Wong Chong Ka and Tak Wah Lam. Approximating biconnectivity in parallel. *Algorithmica*, 21(4):395–410, 1998.
- [45] R. Kamimura. Minimizing  $\alpha$ -information for generalization and interpretation. *Algorithmica*, 22(1-2):173–197, 1998.
- [46] J. Kärkkäinen and E. Sutinen. Lempel-ziv index for  $q$ -grams. *Algorithmica*, 21(1):137–154, 1998.
- [47] S. Khanna, R. Motwani, and R.H. Wilson. On certificates and lookahead in dynamic graph problems. *Algorithmica*, 21(4):377–394, 1998.
- [48] P.N. Klein and S. Subramanian. A fully dynamic approximation scheme for shortest paths in planar graphs. *Algorithmica*, 22(3):235–249, 1998.
- [49] C. Knessl. A note on the asymptotic behavior of the depth of tries. *Algorithmica*, 22(4):547–560, 1998.

- [50] D.E. Knuth. Linear probing and graphs. *Algorithmica*, 22(4):561–568, 1998.
- [51] Yoo Kwan-Hee, Dae Seoung Kim, Sung Yong Shin, and Kyung-Yong Chwa. Linear-time algorithms for finding the shadow volumes from a convex area light source. *Algorithmica*, 20(3):227–241, 1998.
- [52] S. Kwek and L. Pitt. Pac learning intersections of halfspaces with membership queries. *Algorithmica*, 22(1-2):53–75, 1998.
- [53] J.Y.-T. Leung, T.W. Tam, C.S. Wong, and G.H. Young. Minimizing mean flow time with error constraint. *Algorithmica*, 20(1):101–118, 1998.
- [54] C. Levcopoulos and D. Krznaric. A linear-time approximation scheme for minimum weight triangulation of convex polygons. *Algorithmica*, 21(3):285–311, 1998.
- [55] H.M. Mahmoud and R.T. Smythe. Probabilistic analysis of multiple quick select. *Algorithmica*, 22(4):569–584, 1998.
- [56] J. Matoušek, D.M. Mount, and N.S. Netanyahu. Efficient randomized algorithms for the repeated median line estimator. *Algorithmica*, 20(2):136–150, 1998.
- [57] D. Merlini, R. Sprugnoli, and M.C. Verri. Average-case analysis for a simple compression algorithm. *Algorithmica*, 22(4):585–599, 1998.
- [58] A. Panholzer and H. Prodinger. Average-case analysis of priority trees: A structure for priority queue administration. *Algorithmica*, 22(4):600–630, 1998.
- [59] E. Papadopoulou and D.T. Lee. A new approach for the geodesic voronoi diagram of points in a simple polygon and other restricted polygonal domains. *Algorithmica*, 20(4):319–352, 1998.
- [60] S. Phillips and J. Westbrook. On-line load balancing and network flow. *Algorithmica*, 21(3):245–261, 1998.
- [61] H. Prodinger and W. Szpankowski. Philippe flajolet’s research in analysis of algorithms and combinatorics. *Algorithmica*, 22(4):366–387, 1998.

- [62] M. Régnier and W. Szpankowski. On pattern frequency occurrences in a markovian sequence. *Algorithmica*, 22(4):631–649, 1998.
- [63] S.M. Rüger. A class of asymptotically stable algorithms for learning-rate adaptation. *Algorithmica*, 22(1-2):198–210, 1998.
- [64] H. Shachnai and M. Hofri. The list update problem: Improved bounds for the counter scheme. *Algorithmica*, 22(4):650–659, 1998.
- [65] J. Shawe-Taylor. Classification accuracy based on observed margin. *Algorithmica*, 22(1-2):157–172, 1998.
- [66] A.J. Smola and B. Schölkopf. On a kernel-based method for pattern recognition, regression, approximation, and operator inversion. *Algorithmica*, 22(1-2):211–231, 1998.
- [67] B. Swaminathan and K.J. Goldman. An incremental distributed algorithm for computing biconnected components in dynamic graphs. *Algorithmica*, 22(3):305–329, 1998.
- [68] T. Takaoka. Subcubic cost algorithms for the all pairs shortest path problem. *Algorithmica*, 20(3):309–318, 1998.
- [69] E. Torng. A unified analysis of paging and caching. *Algorithmica*, 20(2):175–200, 1998.
- [70] L. Trevisan. Parallel approximation algorithms by positive linear programming. *Algorithmica*, 21(1):72–88, 1998. see Erratum in *Algorithmica* 27, 115–119.
- [71] B. Vallée. Dynamics of the binary euclidean algorithm: Functional analysis and operators. *Algorithmica*, 22(4):660–685, 1998.
- [72] A. Viola and P.V. Poblete. The analysis of linear probing hashing with buckets. *Algorithmica*, 21(1):37–71, 1998.