

## References

- [1] A. Amir, A. Efrat, P. Indyk, and H. Samet. Efficient regular data structures and algorithms for dilation, location, and proximity problems. *Algorithmica*, 30(2):164–187, 2001.
- [2] G.E. Andrews and A. Knopfmacher. An algorithmic approach to discovering and proving  $q$ -series identities. *Algorithmica*, 29(1-2):34–43, 2001.
- [3] M.J. Atallah, F. Chyzak, and P. Dumas. A randomized algorithm for approximate string matching. *Algorithmica*, 29(3):468–486, 2001.
- [4] G. Ausiello, E. Feuerstein, S. Leonardi, L. Stougie, and M. Talamo. Algorithms for the on-line travelling salesman. *Algorithmica*, 29(4):560–581, 2001.
- [5] A. Avidor, Y. Azar, and J. Sgall. Ancient and new algorithms for load balancing in the  $l_p$  norm. *Algorithmica*, 29(3):422–441, 2001.
- [6] B. Awerbuch, Y. Azar, A. Fiat, S. Leonardi, and A. Rosén. On-line competitive algorithms for call admission in optical networks. *Algorithmica*, 31(1):29–43, 2001.
- [7] R. Bar-Yehuda and D. Rawitz. Efficient algorithms for integer programs with two variables per constraint. *Algorithmica*, 29(4):595–609, 2001.
- [8] R. Battiti and M. Protasi. Reactive local search for the maximum clique problem. *Algorithmica*, 29(4):610–637, 2001.
- [9] C. Baur and S.P. Fekete. Approximation of geometric dispersion problems. *Algorithmica*, 30(3):451–470, 2001.
- [10] P.A. Beling. Exact algorithms for linear programming over algebraic extensions. *Algorithmica*, 31(4):459–478, 2001.
- [11] A.M. Ben-Amram and Z. Galil. A generalization of a lower bound technique due to fredman and saks. *Algorithmica*, 30(1):34–66, 2001.
- [12] H.L. Bodlaender and B. van Antwerpen-de Fluiter. Parallel algorithms for series parallel graphs and graphs with treewidth two. *Algorithmica*, 29(4):534–559, 2001.

- [13] J.-D. Boissonnat, J. Czyzowicz, O. Devillers, and M. Yvinec. Circular separability of polygons. *Algorithmica*, 30(1):67–82, 2001.
- [14] A.L. Buchsbaum, R. Giancarlo, and J.R. Westbrook. An approximation determinization algorithm for weighted finite-state automata. *Algorithmica*, 30(4):503–526, 2001.
- [15] J. Cherian, T. Jordán, and Z. Nutov. On rooted node-connectivity problems. *Algorithmica*, 30(3):353–375, 2001.
- [16] H.-H. Chern and H.-K. Hwang. Transitional behaviors of the average cost of quicksort with median-of-( $2t + 1$ ). *Algorithmica*, 29(1-2):44–69, 2001.
- [17] V. Choi and M.J. Golin. Lopsided trees — i: Analysis. *Algorithmica*, 31(3):240–290, 2001.
- [18] T. Christof and G. Reinelt. Algorithmic aspects of using small instance relaxations in parallel branch-and-cut. *Algorithmica*, 30(4):597–629, 2001.
- [19] J. Clément, P. Flajolet, and B. Vallée. Dynamical sources in information theory: A general analysis of trie structures. *Algorithmica*, 29(1-2):307–369, 2001.
- [20] B. Codenotti, M. Leoncini, and F.P. Preparata. The role of arithmetic in fast parallel matrix inversion. *Algorithmica*, 30(4):685–707, 2001.
- [21] Jr. Coffman, E.G. and A.L. Stolyar. Bandwidth packing. *Algorithmica*, 29(1-2):70–88, 2001.
- [22] J.C. Cogolludo and S. Rajasekaran. Permutation routing on reconfigurable meshes. *Algorithmica*, 31(1):44–57, 2001.
- [23] J. Csirik and D.S. Johnson. Bounded space on-line bin packing: Best is better than first. *Algorithmica*, 31(2):115–138, 2001.
- [24] B. Das and M.C. Loui. Reconstructing a minimum spanning tree after deletion of any node. *Algorithmica*, 31(4):530–547, 2001.
- [25] B. de Jager and J. Banens. Visor: Vast independence system optimization routine. *Algorithmica*, 30(4):630–644, 2001.

- [26] L. Devroye. On the probabilistic worst-case time of “find”. *Algorithmica*, 31(3):291–303, 2001.
- [27] M. Drmota. An analytic approach to the height of binary search trees. *Algorithmica*, 29(1-2):89–119, 2001.
- [28] M. Drmota. The asymptotic number of leftist trees. *Algorithmica*, 31(3):304–317, 2001.
- [29] M. Drmota, D. Gardy, and B. Gittenberger. A unified presentation of some urn models. *Algorithmica*, 29(1-2):120–147, 2001.
- [30] A. Efrat, A. Itai, and M.J. Katz. Geometry helps in bottleneck matching and related problems. *Algorithmica*, 31(1):1–28, 2001.
- [31] S. Eidenbenz, C. Stamm, and P. Widmayer. Inapproximability results for guarding polygons and terrains. *Algorithmica*, 31(1):79–113, 2001.
- [32] R. El-Yaniv, A. Fiat, R.M. Karp, and G. Turpin. Optimal search and one-way trading online algorithms. *Algorithmica*, 30(1):101–139, 2001.
- [33] V. Estivill-Castro and M.E. Houle. Robust distance-based clustering with applications to spatial data mining. *Algorithmica*, 30(2):216–242, 2001.
- [34] W. Evans, D. Kirkpatrick, and G. Townsend. Right-triangulated irregular networks. *Algorithmica*, 30(2):264–286, 2001.
- [35] U. Feige, G. Kortsarz, and D. Peleg. The dense  $k$ -subgraph problem. *Algorithmica*, 29(3):410–421, 2001.
- [36] D. Fernández-Baca. On nonlinear parametric search. *Algorithmica*, 30(1):1–11, 2001.
- [37] P. Flajolet and G. Louchardt. Analytic variations on the airy distribution. *Algorithmica*, 31(3):361–377, 2001.
- [38] C. Gold and J. Snoeyink. A one-step crust and skeleton extraction algorithm. *Algorithmica*, 30(2):144–163, 2001.
- [39] M.C. Golumbic, T. Hirst, and M. Lewenstein. Uniquely restricted matchings. *Algorithmica*, 31(2):139–154, 2001.

- [40] T.F. Gonzalez. Simple algorithms for multimeessage multicasting with forwarding. *Algorithmica*, 29(4):511–533, 2001.
- [41] N. Gupta and S. Sen. An efficient output-size sensitive parallel algorithm for hidden-surface removal for terrains. *Algorithmica*, 31(2):179–207, 2001.
- [42] J.C. Hansen and E. Schmutz. Near-optimal bounded-degree spanning trees. *Algorithmica*, 29(1-2):148–180, 2001.
- [43] M. Held. Fist: Fast industrial-strength triangulation of polygons. *Algorithmica*, 30(4):563–596, 2001.
- [44] M. Hofri and H. Schachnai. Efficient reorganization of binary search trees. *Algorithmica*, 31(3):378–402, 2001.
- [45] P. Jacquet, W. Szpankowski, and J. Tang. Average profile of the lempel-ziv parsing scheme for a markovian source. *Algorithmica*, 31(3):318–360, 2001.
- [46] S.N. Kabadi and Y.P. Aneja. Equivalence of  $\varepsilon$ -approximate separation and optimization in fixed dimensions. *Algorithmica*, 29(4):582–594, 2001.
- [47] M. Karpinski. Polynomial time approximation schemes for some dense instances of  $np$ -hard optimization problems. *Algorithmica*, 30(3):386–397, 2001.
- [48] G. Kortsarz. On the hardness of approximating spanners. *Algorithmica*, 30(3):432–450, 2001.
- [49] V. Kumar. An approximation algorithm for circular arc colouring. *Algorithmica*, 30(3):406–417, 2001.
- [50] T.W. Lam and F.L. Yue. Optimal edge ranking of trees in linear time. *Algorithmica*, 30(1):12–33, 2001.
- [51] M. Lanthier, A. Maheshwari, and J.-R. Sack. Approximating shortest paths on weighted polyhedral surfaces. *Algorithmica*, 30(4):527–562, 2001.

- [52] K.S. Larsen, E. Soisalon-Soininen, and P. Widmayer. Relaxed balance using standard rotations. *Algorithmica*, 31(4):501–512, 2001.
- [53] M. Lee, W. Liu, and V.K. Prasanna. Parallel implementation of a class of adaptive signal processing applications. *Algorithmica*, 30(4):645–684, 2001.
- [54] J.J. Little and P. Shi. Structural lines, tins, and dems. *Algorithmica*, 30(2):243–263, 2001.
- [55] M. Lonergan and C.B. Jones. An iterative displacement method for conflict resolution in map generalization. *Algorithmica*, 30(2):287–301, 2001.
- [56] W.A. Mackaness and R.S. Purves. Autmated displacement for large numbers of discrete map objects. *Algorithmica*, 30(2):302–311, 2001.
- [57] S. Mahajan, E.A. Ramos, and K.V. Subrahmanyam. Solving some discrepancy problems in *nc*. *Algorithmica*, 29(3):371–395, 2001.
- [58] C. Martínez, A. Panholzer, and H. Prodinger. Partial match queries in relaxed multidimensional search trees. *Algorithmica*, 29(1-2):181–204, 2001.
- [59] R.L. Milidiú and E.S. Laber. Bounding the inefficiency of lenght-restricted prefix codes. *Algorithmica*, 31(4):513–529, 2001.
- [60] L. Narayanan, J. Opatrny, and D. Sotteau. All-to-all optical routing in chordal rings of degree 4. *Algorithmica*, 31(2):155–178, 2001.
- [61] L. Narayanan and S.M. Shende. Static frequency assignment in cellular networks. *Algorithmica*, 29(3):396–409, 2001.
- [62] G. Navarro and R. Baeza-Yates. Improving an algorithm for approximate pattern matching. *Algorithmica*, 30(4):473–502, 2001.
- [63] V.Y. Pan and Y. Yu. Certification of numerical computation of the sign of the determinant of a matrix. *Algorithmica*, 30(4):708–724, 2001.
- [64] D. Panario and B. Richmond. Exact largest and smallest size of components. *Algorithmica*, 31(3):413–432, 2001.

- [65] D. Panario and B. Richmond. Smallest components in decomposable structures: Exp-log class. *Algorithmica*, 29(1-2):205–226, 2001.
- [66] D. Papadias, N. Mamoulis, and Y. Theodoridis. Constraint-based processing of multiway spatial joins. *Algorithmica*, 30(2):188–215, 2001.
- [67] P.V. Poblete. Analysis of an adaptive algorithm to find the two nearest neighbors. *Algorithmica*, 29(1-2):227–237, 2001.
- [68] H. Prodinger. A  $q$ -analogue of the path length of binary search trees. *Algorithmica*, 31(3):433–441, 2001.
- [69] R. Ravi, M.V. Marathe, S.S. Ravi, D.J. Rosenkrantz, and H.B. Hunt III. Approximation algorithms for degree-constrained minimum-cost network-design problems. *Algorithmica*, 31(1):58–78, 2001.
- [70] N. Regnault. Contextual building typification in automated map generalization. *Algorithmica*, 30(2):312–333, 2001.
- [71] J.H. Reif. Efficient parallel computation of the characteristic polynomial of a sparse, separable matrix. *Algorithmica*, 29(3):487–510, 2001.
- [72] D.J. Rosenkrantz, L. Yu, and S.S. Ravi. Efficient construction of minimum makespan schedules for tasks with a fixed number of distinct execution times. *Algorithmica*, 30(1):83–100, 2001.
- [73] U. Rösler. On the analysis of stochastic divide and conquer algorithms. *Algorithmica*, 29(1-2):238–261, 2001.
- [74] U. Rösler and L. Rüschendorf. The contraction method for recursive algorithms. *Algorithmica*, 29(1-2):3–33, 2001.
- [75] M. Saks and S. Zhou. Sample spaces with small bias on neighborhoods and error-correcting communication protocols. *Algorithmica*, 30(3):418–431, 2001.
- [76] H. Shachnai and T. Tamir. On two class-constrained versions of the multiple knapsack problem. *Algorithmica*, 29(3):442–467, 2001.
- [77] R.T. Smythe and J. Wellner. Stochastic analysis of shell sort. *Algorithmica*, 31(3):442–457, 2001.

- [78] M.I. Sviridenko. Best possible approximation algorithm for max sat with cardinality constraint. *Algorithmica*, 30(3):398–405, 2001.
- [79] P. Tetali and S. Vempala. Random sampling of euler tours. *Algorithmica*, 30(3):376–385, 2001.
- [80] T. Tsukiji and H. Mahmoud. A limit law for outputs in random recursive circuits. *Algorithmica*, 31(3):403–412, 2001.
- [81] B. Vallée. Dynamical sources in information theory: Fundamental intervals and word prefixes. *Algorithmica*, 29(1-2):262–306, 2001. see Erratum in Algorithmica, Vol. 38, No. 4, 2004, 591-596.
- [82] F. Wagner, A. Wolff, V. Kapoor, and T. Strijk. Three rules suffice for good label placement. *Algorithmica*, 30(2):334–349, 2001.
- [83] J.F. Weng and J. MacGregor Smith. Steiner minimal trees with one polygonal obstacle. *Algorithmica*, 29(4):638–648, 2001.
- [84] G. Xue, G.-H. Lin, and D.-Z. Du. Grade of service steiner minimum trees in the euclidean plane. *Algorithmica*, 31(4):479–500, 2001.
- [85] M. Yamashita, H. Umemoto, I. Suzuki, and T. Kameda. Searching for mobile intruders in a polygonal region by a group of mobile searchers. *Algorithmica*, 31(2):208–236, 2001.