

References

- [1] Sameet Agarwal and Anne Condon. On approximation algorithms for hierarchical max-sat. *J. Algorithms*, 26(1):141–165, 1998.
- [2] William Aiello, S. Raj Rajagopalan, and Ramarathnam Venkatesan. Design of practical and provably good random number generators. *J. Algorithms*, 29(2):358–389, 1998.
- [3] Miklos Ajtai, James Aspnes, Moni Naor, Yuval Rabani, Leonard J. Schulman, and Orli Waarts. Fairness in scheduling. *J. Algorithms*, 29(2):306–357, 1998.
- [4] Susanne Albers and Hisashi Koga. New on-line algorithms for the page replication problem. *J. Algorithms*, 27(1):75–96, 1998.
- [5] Arne Andersson and Ola Petersson. Approximate indexed lists. *J. Algorithms*, 29(2):256–276, 1998.
- [6] Srinivasa R. Arikati, Shiva Chaudhuri, and Christos D. Zaroliagis. All-pairs min-cut in sparse networks. *J. Algorithms*, 29(1):82–110, 1998.
- [7] James Aspnes and William Hurwood. Spreading rumors rapidly despite an adversary. *J. Algorithms*, 26(2):386–411, 1998.
- [8] Vincenzo Auletta, Domenico Parente, and Giuseppe Persiano. Placing resources on a growing line. *J. Algorithms*, 26(1):87–100, 1998.
- [9] Baruch Awerbuch, Yair Bartal, and Amos Fiat. Distributed paging for general networks. *J. Algorithms*, 28(1):67–104, 1998.
- [10] Amotz Bar-Noy and Guy Kortsarz. Minimum color sum of bipartite graphs. *J. Algorithms*, 28(2):339–365, 1998.
- [11] Omer Berkman, Yossi Matias, and Prabhakar Ragde. Triply-logarithmic parallel upper and lower bounds for minimum and range minima over small domains. *J. Algorithms*, 28(2):197–215, 1998.
- [12] Al Borchers, Ding-Zhu Du, Biao Gao, and Pengjun Wan. The k -steiner ratio in the rectilinear plane. *J. Algorithms*, 29(1):1–17, 1998.

- [13] Dany Breslauer, Livio Colussi, and Laura Toniolo. On the comparison complexity of the string prefix-matching problem. *J. Algorithms*, 29(1):18–67, 1998.
- [14] Timothy M. Chan. Deterministic algorithms for 2-d convex programming and 3-d online linear programming. *J. Algorithms*, 27(1):147–166, 1998.
- [15] Jing-Chao Chen. Quadripartite sort. *J. Algorithms*, 28(2):258–271, 1998.
- [16] Weimin Chen. More efficient algorithm for ordered tree inclusion. *J. Algorithms*, 26(2):370–385, 1998.
- [17] Zhi-Zhong Chen. Efficient approximation schemes for maximization problems on $k_{3,3}$ -free or k_5 -free graphs. *J. Algorithms*, 26(1):166–187, 1998.
- [18] L. Paul Chew, Klara Kedem, Micha Sharir, Boaz Tagansky, and Emo Welzl. Voronoi diagrams of lines in 3-space under polyhedral convex distance functions. *J. Algorithms*, 29(2):238–255, 1998.
- [19] Avner Dor. The greedy search algorithm on binary vectors. *J. Algorithms*, 27(1):42–60, 1998.
- [20] E.S. Elmallah and L.K. Stewart. Polygon graph recognition. *J. Algorithms*, 26(1):101–140, 1998.
- [21] Cristina G. Fernandes. A better approximation ratio for the minimum size k -edge-connected spanning subgraph problem. *J. Algorithms*, 28(1):105–124, 1998.
- [22] Dominique Foata and Guo-Niu Han. Transformations on words. *J. Algorithms*, 28(1):172–191, 1998.
- [23] Harold N. Gabow. Algorithms for graphic polymatroids and parametric \bar{s} -sets. *J. Algorithms*, 26(1):48–86, 1998.
- [24] Gruia Gălinescu, Cristina G. Fernandes, Ulrich Finkler, and Howard Karloff. A better approximation algorithm for finding planar subgraphs. *J. Algorithms*, 27(2):269–302, 1998.

- [25] Anna Galluccio and Martin Loeb. Even directed cycles in h -free digraphs. *J. Algorithms*, 27(1):26–41, 1998.
- [26] Cyril Gavoille and Eric Guévremont. Worst case bounds for shortest path interval routing. *J. Algorithms*, 27(1):1–25, 1998.
- [27] Hillel Gazit and John H. Reif. A randomized parallel algorithm for planar graph isomorphism. *J. Algorithms*, 28(2):290–314, 1998.
- [28] Leslie Ann Goldberg, Paul W. Goldberg, Cynthia A. Phillips, and Gregory B. Sorkin. Constructing computer virus phylogenies. *J. Algorithms*, 26(1):188–208, 1998.
- [29] Daniel M. Gordon. A survey of fast exponentiation methods. *J. Algorithms*, 27(1):129–146, 1998.
- [30] D.J. Hebert. Cyclic interlaced quadtree algorithms for quincunx multiresolution. *J. Algorithms*, 27(1):97–128, 1998.
- [31] Tung-Yang Ho, Ting-Yi Sung, Lih-Hsing Hsu, Chang-Hsiung Tsai, and Jeng-Yan Hwang. The recognition of double euler trails in series-parallel networks. *J. Algorithms*, 28(2):216–257, 1998.
- [32] Dorit S. Hochbaum. Approximating clique and biclique problems. *J. Algorithms*, 29(1):174–200, 1998.
- [33] Harry B. Hunt III, Madhav V. Marathe, Venkatesh Radhakrishnan, S.S. Ravi, Daniel J. Rosenkrantz, and Richard E. Stearns. nc -approximation schemes for np - and $pspace$ -hard problems for geometric graphs. *J. Algorithms*, 26(2):238–274, 1998.
- [34] Nabil Kahale and Tom Leighton. Greedy dynamic routing on arrays. *J. Algorithms*, 29(2):390–410, 1998.
- [35] Anil Kamath, Omri Palmon, and Serge Plotkin. Routing and admission control in general topology networks with poisson arrivals. *J. Algorithms*, 27(2):236–258, 1998.
- [36] Sampath Kannan and Todd Proebsting. Register allocation in structured programs. *J. Algorithms*, 29(2):223–237, 1998.

- [37] Ming-Yang Kao, Yuan Ma, Michael Sipser, and Yiqun Yin. Optimal constructions of hybrid algorithms. *J. Algorithms*, 29(1):142–164, 1998.
- [38] Paul E. Kearney and Derek G. Corneil. Tree powers. *J. Algorithms*, 29(1):111–131, 1998.
- [39] Claire Kenyon, Yuval Rabani, and Alistair Sinclair. Biased random walks, lyapunov functions, and stochastic analysis of best fit bin packing. *J. Algorithms*, 27(2):218–235, 1998.
- [40] Samir Khuller. Problems. *J. Algorithms*, 28(1):192–195, 1998.
- [41] T. Kloks, D. Kratsch, and C.K. Wong. Minimum fill-in on circle and circular-arc graphs. *J. Algorithms*, 28(2):272–289, 1998.
- [42] Stavros G. Kolliopoulos and Clifford Stein. Finding real-valued single-source shortest paths in $o(n^3)$ expected time. *J. Algorithms*, 28(1):125–141, 1998.
- [43] Shay Kutten and David Peleg. Fast distributed construction of small k -dominating sets and applications. *J. Algorithms*, 28(1):40–66, 1998.
- [44] Lawrence L. Larmore and Teresa M. Przytycka. The optimal alphabetic tree problem revisited. *J. Algorithms*, 28(1):1–20, 1998.
- [45] Christos Levkopoulos and Drago Krznaric. Quasi-greedy triangulations approximating the minimum weight triangulation. *J. Algorithms*, 27(2):303–338, 1998.
- [46] Hsueh-I Lu and R. Ravi. Approximating maximum leaf spanning trees in almost linear time. *J. Algorithms*, 29(1):132–141, 1998.
- [47] George S. Lueker. Average-case analysis of off-line and on-line knapsack problems. *J. Algorithms*, 29(2):277–305, 1998.
- [48] Robert Lupton, F. Miller Maley, and Neal Young. Data collection for the sloan digital sky survey — a network-flow heuristic. *J. Algorithms*, 27(2):339–356, 1998.
- [49] Philip D. MacKenzie and Quentin F. Stout. Ultrafast expected time parallel algorithms. *J. Algorithms*, 26(1):1–33, 1998.

- [50] Kazuhisa Makino and Toshihide Ibaraki. A fast and simple algorithm for identifying 2-monotonic positive boolean functions. *J. Algorithms*, 26(2):291–305, 1998.
- [51] Madhav V. Marathe, R. Ravi, Ravi Sundaram, S.S. Ravi, Daniel J. Rosenkrantz, and Harry B. Hunt III. Bicriteria network design problems. *J. Algorithms*, 28(1):142–171, 1998.
- [52] Brendan D. McKay. Isomorph-free exhaustive generation. *J. Algorithms*, 26(2):306–324, 1998.
- [53] Claudio Mirolo. Convex minimization on a grid and applications. *J. Algorithms*, 26(2):209–237, 1998.
- [54] Pinaki Mitra and Subhas C. Nandy. Efficient computation of rectilinear geodesic voronoi neighbor in the presence of obstacles. *J. Algorithms*, 28(2):315–338, 1998.
- [55] Rajeev Motwani. Realization of matrices and directed graphs. *J. Algorithms*, 27(1):61–74, 1998.
- [56] Lata Narayanan and Naomi Nishimura. Interval routing on k -trees. *J. Algorithms*, 26(2):325–369, 1998.
- [57] Rina Panigrahy and Sundar Vishwanathan. An $o(\log^* n)$ approximation algorithm for the asymmetric p -center problem. *J. Algorithms*, 27(2):259–268, 1998.
- [58] James Gary Propp and David Bruce Wilson. How to get a perfectly random sample from a generic markov chain and generate a random spanning tree of a directed graph. *J. Algorithms*, 27(2):170–217, 1998.
- [59] Sanguthevar Rajasekaran. Selection on mesh connected computers with fixed and reconfigurable buses. *J. Algorithms*, 29(1):68–81, 1998.
- [60] Baruch Schieber. Computing a minimum weight k -link path in graphs with the concave monge property. *J. Algorithms*, 29(2):204–222, 1998.
- [61] Matthew B. Squire. Generating the acyclic orientations of a graph. *J. Algorithms*, 26(2):275–290, 1998.

- [62] Sivaprakasam Sunder and Xin He. Scheduling interval ordered tasks in parallel. *J. Algorithms*, 26(1):34–47, 1998.
- [63] Timothy R. Walsh. Generation of well-formed parenthesis strings in constant worst-case time. *J. Algorithms*, 29(1):165–173, 1998.
- [64] Yanjun Zhang. The variance of two game tree algorithms. *J. Algorithms*, 28(1):21–39, 1998.