

References

- [1] Pankaj K. Agarwal, Therese Biedl, Sylvain Lazard, Steve Robbins, Subhash Suri, and Sue Whitesides. Curvature-constrained shortest paths in a convex polygon. *SIAM J. Comput.*, 31(6):1814–1851, 2002.
- [2] Michael Alekhnovich, Eli Ben-Sasson, Alexander A. Razborov, and Avi Wigderson. Space complexity in propositional calculus. *SIAM J. Comput.*, 31(4):1184–1211, 2002.
- [3] Ernst Althaus and Kurt Mehlhorn. Traveling salesman-based curve reconstruction in polynomial time. *SIAM J. Comput.*, 31(1):27–66, 2001.
- [4] Hagit Attiya and Arie Fouren. Adaptive and efficient algorithms for lattice agreement and renaming. *SIAM J. Comput.*, 31(2):642–664, 2001.
- [5] Hagit Attiya and Sergio Rajsbaum. The combinatorial structure of wait-free solvable tasks. *SIAM J. Comput.*, 31(4):1286–1313, 2002.
- [6] Baruch Awerbuch, Yossi Azar, Stefano Leonardi, and Oded Regev. Minimizing the flow time without migration. *SIAM J. Comput.*, 31(5):1370–1382, 2002.
- [7] Amotz Bar-Noy, Ari Freund, and Joseph (Seffi) Naor. On-line load balancing in a hierarchical server topology. *SIAM J. Comput.*, 31(2):527–549, 2001.
- [8] Amotz Bar-Noy, Sudipto Guha, Joseph (Seffi) Naor, and Baruch Schieber. Approximating the throughput of multiple machines in real-time scheduling. *SIAM J. Comput.*, 31(2):331–352, 2001.
- [9] Paul Beame, Richard Karp, Toniann Pitassi, and Michael Saks. The efficiency of resolution and davis-putnam procedures. *SIAM J. Comput.*, 31(4):1048–1075, 2002.
- [10] Amir M. Ben-Amram and Zvi Galil. Topological lower bounds on algebraic random access machines. *SIAM J. Comput.*, 31(3):722–761, 2001–2002.
- [11] Michele Boreale, Rocco de Nicola, and Rosario Pugliese. Proof techniques for cryptographic processes. *SIAM J. Comput.*, 31(3):947–986, 2001–2002.

- [12] E. Boros, K. Elbassioni, V. Gurvich, L. Khachiyan, and K. Makino. Dual-bounded generating problems: All minimal integer solutions for a monotone system of linear inequalities. *SIAM J. Comput.*, 31(5):1624–1643, 2002.
- [13] Vincent Bouchitté and Ioan Todinca. Treewidth and minimum fill-in: Grouping the minimal separators. *SIAM J. Comput.*, 31(1):212–232, 2001.
- [14] Joan Boyar, Kim S. Larsen, and Morten N. Nielsen. The accommodating function: A generalization of the competitive ratio. *SIAM J. Comput.*, 31(1):233–258, 2001.
- [15] Alex Brodsky and Nicholas Pippenger. Characterizations of 1-way quantum finite automata. *SIAM J. Comput.*, 31(5):1456–1478, 2002.
- [16] Nader H. Bshouty and Yishay Mansour. Simple learning algorithms for decision trees and multivariate polynomials. *SIAM J. Comput.*, 31(6):1909–1925, 2002.
- [17] H. Buhrman, P.B. Miltersen, J. Radhakrishnan, and S. Venkatesh. Are bitvectors optimal? *SIAM J. Comput.*, 31(6):1723–1744, 2002.
- [18] Harry Buhrman, Lance Fortnow, and Sophie Laplante. Resource-bounded kolmogorov complexity revisited. *SIAM J. Comput.*, 31(3):887–905, 2001-2002.
- [19] Harry Buhrman and Luc Longpré. Compressibility and resource bounded measure. *SIAM J. Comput.*, 31(3):876–886, 2001-2002.
- [20] Amit Chakrabarti, Subhash Khot, and Yaoyun Shi. Evasiveness of subgraph containment and related properties. *SIAM J. Comput.*, 31(3):866–875, 2001-2002.
- [21] Moses Charikar, Samir Khuller, and Balaji Raghavachari. Algorithms for capacitated vehicle routing. *SIAM J. Comput.*, 31(3):665–682, 2001-2002.
- [22] C. Chekuri, R. Motwani, B. Natarajan, and C. Stein. Approximation techniques for average completion time scheduling. *SIAM J. Comput.*, 31(1):146–166, 2001.

- [23] Gen-Huey Chen, Ming-Yang Kao, Yuh-Dauh Lyuu, and Hsing-Kuo Wong. Optimal buy-and-hold strategies for financial markets with bounded daily returns. *SIAM J. Comput.*, 31(2):447–459, 2001.
- [24] Jianer Chen and Antonio Miranda. A polynomial time approximation scheme for general multiprocessor job scheduling. *SIAM J. Comput.*, 31(1):1–17, 2001.
- [25] Jing-Chao Chen. Proportion extend sort. *SIAM J. Comput.*, 31(1):323–330, 2001.
- [26] Zhi-Zhong Chen, Xin He, and Chun-Hsi Huang. Finding double euler trails of planar graphs in linear time. *SIAM J. Comput.*, 31(4):1255–1285, 2002.
- [27] V. Chvátal, J. Fonlupt, L. Sun, and A. Zemirline. Recognizing dart-free perfect graphs. *SIAM J. Comput.*, 31(5):1315–1338, 2002.
- [28] Richard Cole and Ramesh Hariharan. Approximate string matching: A simpler faster algorithm. *SIAM J. Comput.*, 31(6):1761–1782, 2002.
- [29] Mary Cryan, Leslie Ann Goldberg, and Paul W. Goldberg. Evolutionary trees can be learned in polynomial time in the two-state general markov model. *SIAM J. Comput.*, 31(2):375–397, 2001.
- [30] Miklós Csűrös and Ming-Yang Kao. Provably fast and accurate recovery of evolutionary trees through harmonic greedy triplets. *SIAM J. Comput.*, 31(1):306–322, 2001.
- [31] Felipe Cucker and Dima Grigoriev. There are no sparse np_w -hard sets. *SIAM J. Comput.*, 31(1):193–198, 2001.
- [32] Mayur Datar, Aristides Gionis, Piotr Indyk, and Rajeev Motwani. Maintaining stream statistics over sliding windows. *SIAM J. Comput.*, 31(6):1794–1813, 2002.
- [33] Rod G. Downey, Denis R. Hirschfeldt, and André Nies. Randomness, computability, and density. *SIAM J. Comput.*, 31(4):1169–1183, 2002.
- [34] Christoph Dürr and Miklos Santha. A decision procedure for unitary linear quantum cellular automata. *SIAM J. Comput.*, 31(4):1076–1089, 2002.

- [35] Martin Dyer, Alan Frieze, and Mark Jerrum. On counting independent sets in sparse graphs. *SIAM J. Comput.*, 31(5):1527–1541, 2002.
- [36] Thomas Eiter, Toshihide Ibaraki, and Kazuhisa Makino. Disjunctions of horn theories and their cores. *SIAM J. Comput.*, 31(1):269–288, 2001.
- [37] Funda Ergün, S. Ravi Kumar, and Ronitt Rubinfeld. Checking approximate computations of polynomials and functional equations. *SIAM J. Comput.*, 31(2):550–576, 2001.
- [38] Tomás Feder, Rajeev Motwani, and Carlos Subi. Approximating the longest cycle problem in sparse graphs. *SIAM J. Comput.*, 31(5):1596–1607, 2002.
- [39] Uriel Feige and Robert Krauthgamer. A polylogarithmic approximation of the minimum bisection. *SIAM J. Comput.*, 31(4):1090–1118, 2002.
- [40] Jörg Flum and Martin Grohe. Fixed-parameter tractability, definability, and model-checking. *SIAM J. Comput.*, 31(1):113–145, 2001.
- [41] Alan Frieze. Erratum to "edge-disjoint paths in expander graphs". *SIAM J. Comput.*, 31(3):988–988, 2001-2002. Originally in SIAM J. Comp., Vol. 30, 2001, No. 6, 1790-1801.
- [42] Eli Gafni and Michael Mitzenmacher. Analysis of timing-based mutual exclusion with random times. *SIAM J. Comput.*, 31(3):816–837, 2001-2002.
- [43] Anna Gál and Adi Rosén. A theorem on sensitivity and applications in private computation. *SIAM J. Comput.*, 31(5):1424–1437, 2002.
- [44] Ashim Garg and Roberto Tamassia. On the computational complexity of upward and rectilinear planarity testing. *SIAM J. Comput.*, 31(2):601–625, 2001.
- [45] Cyril Gavoille and David Peleg. The compactness of interval routing for almost all graphs. *SIAM J. Comput.*, 31(3):706–721, 2001-2002.
- [46] Alfons Geser. Decidability of termination of grid string rewriting rules. *SIAM J. Comput.*, 31(4):1156–1168, 2002.

- [47] Joachim Gudmundsson, Christos Levcopoulos, and Giri Narasimhan. Fast greedy algorithms for constructing sparse geometric spanners. *SIAM J. Comput.*, 31(5):1479–1500, 2002.
- [48] Venkatesan Guruswami, Johan Håstad, and Madhu Sudan. Hardness of approximate hypergraph coloring. *SIAM J. Comput.*, 31(6):1663–1686, 2002.
- [49] Eran Halperin. Improved approximation algorithms for the vertex cover problem in graphs and hypergraphs. *SIAM J. Comput.*, 31(5):1608–1623, 2002.
- [50] Joseph Y. Halpern, Yoram Moses, and Orli Waarts. A characterization of eventual byzantine agreement. *SIAM J. Comput.*, 31(3):838–865, 2001–2002.
- [51] Yijie Han and Xiaojun Shen. Parallel integer sorting is more efficient than parallel comparison sorting on exclusive write prams. *SIAM J. Comput.*, 31(6):1852–1878, 2002.
- [52] Pavol Hell, Ron Shamir, and Roded Sharan. A fully dynamic algorithm for recognizing and representing proper interval graphs. *SIAM J. Comput.*, 31(1):289–305, 2001.
- [53] Edith Hemaspaandra and Gerd Wechsung. The minimization problem for boolean formulas. *SIAM J. Comput.*, 31(6):1948–1958, 2002.
- [54] Monika R. Henzinger and Valerie King. Maintaining minimum spanning forests in dynamic graphs. *SIAM J. Comput.*, 31(2):364–374, 2001.
- [55] R. Hiptmair and J. Ostrowski. Generators of $h_1(\gamma_h, z)$ for triangulated surfaces: Construction and classification. *SIAM J. Comput.*, 31(5):1405–1423, 2002.
- [56] Frank Hoffmann, Christian Icking, Rolf Klein, and Klaus Kriegel. The polygon exploration problem. *SIAM J. Comput.*, 31(2):577–600, 2001.
- [57] Hsien-Kuei Hwang and Ralph Neininger. Phase change of limit laws in the quicksort recurrence under varying toll functions. *SIAM J. Comput.*, 31(6):1687–1722, 2002.

- [58] Ming-Yang Kao, Tak-Wah Lam, Wing-Kin Sung, and Hing-Fung Ting. A decomposition theorem for maximum weight bipartite matchings. *SIAM J. Comput.*, 31(1):18–26, 2001.
- [59] Adam R. Klivans and Dieter van Melkebeek. Graph nonisomorphism has subexponential size proofs unless the polynomial-time hierarchy collapses. *SIAM J. Comput.*, 31(5):1501–1526, 2002.
- [60] Stavros G. Kolliopoulos and Clifford Stein. Approximation algorithms for single-source unsplittable flow. *SIAM J. Comput.*, 31(3):919–946, 2001–2002.
- [61] J. Könemann and R. Ravi. A matter of degree: Improved approximation algorithms for degree-bounded minimum spanning trees. *SIAM J. Comput.*, 31(6):1783–1793, 2002.
- [62] Antonín Kučera and Theodore A. Slaman. Randomness and recursive enumerability. *SIAM J. Comput.*, 31(1):199–211, 2001.
- [63] Martin Kutz. Lower bounds for lucas chains. *SIAM J. Comput.*, 31(6):1896–1908, 2002.
- [64] Eduardo S. Laber, Ruy L. Milidiú, and Artur A. Pessoa. On binary searching with nonuniform costs. *SIAM J. Comput.*, 31(4):1022–1047, 2002.
- [65] Hanno Lefmann and Niels Schmitt. A deterministic polynomial-time algorithm for heilbronn’s problem in three dimensions. *SIAM J. Comput.*, 31(6):1926–1947, 2002.
- [66] Tom Leighton, Chi-Jen Lu, Satish Rao, and Aravind Srinivasan. New algorithmic aspects of the local lemma with applications to routing and partitioning. *SIAM J. Comput.*, 31(2):626–641, 2001.
- [67] Stefano Leonardi, Alberto Marchetti-Spaccamela, Alessio Presciutti, and Adi Rosén. On-line randomized call control revisited. *SIAM J. Comput.*, 31(1):86–112, 2001.
- [68] Pangfeng Liu, William Aiello, and Sandeep Bhatt. Tree search on an atomic model for message passing. *SIAM J. Comput.*, 31(1):67–85, 2001.

- [69] Michael Luby, Dana Randall, and Alistair Sinclair. Markov chain algorithms for planar lattice structures. *SIAM J. Comput.*, 31(1):167–192, 2001.
- [70] F.M. Malvestuto and M. Mezzini. A linear algorithm for finding the invariant edges of an edge-weighted graph. *SIAM J. Comput.*, 31(5):1438–1455, 2002.
- [71] Conrado Martínez and Salvador Roura. Optimal sampling strategies in quicksort and quickselect. *SIAM J. Comput.*, 31(3):683–705, 2001-2002.
- [72] Alain Mayer, Rafail Ostrovsky, Yoram Ofek, and Moti Yung. Self-stabilizing symmetry breaking in constant space. *SIAM J. Comput.*, 31(5):1571–1595, 2002.
- [73] Wolfgang Merkle. The global power of additional queries to p -random oracles. *SIAM J. Comput.*, 31(2):483–495, 2001.
- [74] Wolfgang Merkle. Lattice embeddings for abstract bounded reducibilities. *SIAM J. Comput.*, 31(4):1119–1155, 2002.
- [75] Cristopher Moore and Martin Nilsson. Parallel quantum computation and quantum codes. *SIAM J. Comput.*, 31(3):799–815, 2001-2002.
- [76] Yoram Moses and Sergio Rajsbaum. A layered analysis of consensus. *SIAM J. Comput.*, 31(4):989–1021, 2002.
- [77] Ketan D. Mulmuley and Milind Sohoni. Geometric complexity theory i: An approach to the p vs. np and related problems. *SIAM J. Comput.*, 31(2):496–526, 2001.
- [78] J. Ian Munro and Venkatesh Raman. Succinct representation of balanced parentheses and static trees. *SIAM J. Comput.*, 31(3):762–776, 2001-2002.
- [79] Joseph (Seffi) Naor and Leonid Zosin. A 2-approximation algorithm for the directed multiway cut problem. *SIAM J. Comput.*, 31(2):477–482, 2001.
- [80] Moni Naor, Omer Reingold, and Alon Rosen. Pseudorandom functions and factoring. *SIAM J. Comput.*, 31(5):1383–1404, 2002.

- [81] Ilan Newman. Testing membership in languages that have small width branching programs. *SIAM J. Comput.*, 31(5):1557–1570, 2002.
- [82] János Pach and Gábor Tardos. On the boundary complexity of the union of fat triangles. *SIAM J. Comput.*, 31(6):1745–1760, 2002.
- [83] Rasmus Pagh. Low redundancy in static dictionaries with constant query time. *SIAM J. Comput.*, 31(2):353–363, 2001.
- [84] A. Pavan and Alan L. Selman. Separation of np -completeness notions. *SIAM J. Comput.*, 31(3):906–918, 2001-2002.
- [85] Seth Pettie and Vijaya Ramachandran. A randomized time-work optimal parallel algorithm for finding a minimum spanning forest. *SIAM J. Comput.*, 31(6):1879–1895, 2002.
- [86] J.H. Rieger. Erratum to ”proximity in arrangements of algebraic sets”. *SIAM J. Comput.*, 31(3):987–987, 2001-2002. Originally in SIAM J. Comp., Vol. 29, 1999, No. 2, 433-458.
- [87] Vojtech Rödl, Andrzej Ruciński, and Michelle Wagner. Matchings meeting quotas and their impact on the blow-up lemma. *SIAM J. Comput.*, 31(2):428–446, 2001.
- [88] Vwani P. Roychowdhury and Farrokh Vatan. Quantum formulas: A lower bound and simulation. *SIAM J. Comput.*, 31(2):460–476, 2001.
- [89] Alexander Russell, Michael Saks, and David Zuckerman. Lower bounds for leader election and collective coin-flipping in the perfect information model. *SIAM J. Comput.*, 31(6):1645–1662, 2002.
- [90] Joe Sawada. Generating bracelets in constant amortized time. *SIAM J. Comput.*, 31(1):259–268, 2001.
- [91] Rocco A. Servedio. Perceptron, winnow, and pac learning. *SIAM J. Comput.*, 31(5):1358–1369, 2002.
- [92] Dieter Spreen. Safe weak minimization revisited. *SIAM J. Comput.*, 31(5):1542–1556, 2002.
- [93] Thorsten Theobald. An enumerative geometry framework for algorithmic line problems in r^3 . *SIAM J. Comput.*, 31(4):1212–1228, 2002.

- [94] Denis Thérien and Thomas Wilke. Temporal logic and semidirect products: An effective characterization of the until hierarchy. *SIAM J. Comput.*, 31(3):777–798, 2001-2002.
- [95] Salil P. Vadhan. The complexity of counting in sparse, regular, and planar graphs. *SIAM J. Comput.*, 31(2):398–427, 2001.
- [96] Leslie G. Valiant. Quantum circuits that can be simulated classically in polynomial time. *SIAM J. Comput.*, 31(4):1229–1254, 2002.
- [97] Yunhong Zhou and Subhash Suri. Algorithms for a minimum volume enclosing simplex in three dimensions. *SIAM J. Comput.*, 31(5):1339–1357, 2002.