

References

- [1] Micah Adler, John W. Byers, and Richard M. Karp. Parallel sorting with limited bandwidth. *SIAM J. Comput.*, 29(6):1997–2015, 2000.
- [2] Pankaj K. Agarwal, Alon Efrat, and Micha Sharir. Vertical decomposition of shallow levels in 3-dimensional arrangements and its applications. *SIAM J. Comput.*, 29(3):912–953, 1999-2000.
- [3] Pankaj K. Agarwal, Edward F. Grove, T.M. Murali, and Jeffrey Scott Vitter. Binary space partitions for fat rectangles. *SIAM J. Comput.*, 29(5):1422–1448, 2000.
- [4] Alok Aggarwal, Don Coppersmith, Sanjeev Khanna, Rajeev Motwani, and Baruch Schieber. The angular-metric traveling salesman problem. *SIAM J. Comput.*, 29(3):697–711, 1999-2000.
- [5] Alok Aggarwal, Jon Kleinberg, and David P. Williamson. Node-disjoint paths on the mesh and a new trade-off in vlsi layout. *SIAM J. Comput.*, 29(4):1321–1333, 2000.
- [6] Marcos Kawazoe Aguilera, Wei Chen, and Sam Toueg. On quiescent reliable communication. *SIAM J. Comput.*, 29(6):2040–2073, 2000.
- [7] Susanne Albers. Better bounds for online scheduling. *SIAM J. Comput.*, 29(2):459–473, 1999.
- [8] Susanne Albers and Monika R. Henzinger. Exploring unknown environments. *SIAM J. Comput.*, 29(4):1164–1188, 2000.
- [9] Matthew Andrews, Tom Leighton, P. Takis Metaxas, and Lisa Zhang. Automatic methods for hiding latency in parallel and distributed computation. *SIAM J. Comput.*, 29(2):615–647, 1999.
- [10] Shoshana Anily, Michel Gendreau, and Gilbert Laporte. The swapping problem on a line. *SIAM J. Comput.*, 29(1):327–335, 1999.
- [11] Esther M. Arkin, Yi-Jen Chiang, Joseph S.B. Mitchell, Steven S. Skiena, and Tae-Cheon Yang. On the maximum scatter traveling salesperson problem. *SIAM J. Comput.*, 29(2):515–544, 1999.

- [12] Yossi Azar, Andrei Z. Broder, Anna R. Karlin, and Eli Upfal. Balanced allocations. *SIAM J. Comput.*, 29(1):180–200, 1999.
- [13] Rakesh D. Barve, Edward F. Grove, and Jeffrey Scott Vitter. Application-controlled paging for a shared cache. *SIAM J. Comput.*, 29(4):1290–1303, 2000.
- [14] Stephen J. Bellantoni and Karl-Heinz Niggl. Ranking primitive recursions: The low grzegorzcyk classes revisited. *SIAM J. Comput.*, 29(2):401–415, 1999.
- [15] Michael Benedikt and Leonid Libkin. Safe constraint queries. *SIAM J. Comput.*, 29(5):1652–1682, 2000.
- [16] Claudia Bertram-Kretzberg and Hanno Lefmann. The algorithmic aspects of uncrowded hypergraphs. *SIAM J. Comput.*, 29(1):201–230, 1999.
- [17] Eberhard Bertsch and Mark-Jan Nederhof. Regular closure of deterministic languages. *SIAM J. Comput.*, 29(1):81–102, 1999.
- [18] Sandeep Bhatt, David Greenberg, Tom Leighton, and Pangfeng Liu. Tight bounds for on-line tree embeddings. *SIAM J. Comput.*, 29(2):474–491, 1999.
- [19] Avrim Blum and Prasad Chalasani. An online algorithm for improving performance in navigation. *SIAM J. Comput.*, 29(6):1907–1938, 2000.
- [20] Jean-Daniel Boissonnat and Franco P. Preparata. Robust plane sweep for intersecting segments. *SIAM J. Comput.*, 29(5):1401–1421, 2000.
- [21] Paolo Boldi and Sebastiano Vigna. Complexity of deciding sense of direction. *SIAM J. Comput.*, 29(3):779–789, 1999-2000.
- [22] Maria Bonet, Cynthia Phillips, Tandy Warnow, and Shibu Yooseph. Constructing evolutionary trees in the presence of polymorphic characters. *SIAM J. Comput.*, 29(1):103–131, 1999.
- [23] Maria Luisa Bonet, Toniann Pitassi, and Ran Raz. On interpolation and automatization for frege systems. *SIAM J. Comput.*, 29(6):1939–1967, 2000.

- [24] Ravi B. Boppana and Babu O. Narayanan. Perfect-information leader election with optimal resilience. *SIAM J. Comput.*, 29(4):1304–1320, 2000.
- [25] Josef M. Breutzmann and Jack H. Lutz. Equivalence of measures of complexity classes. *SIAM J. Comput.*, 29(1):302–326, 1999.
- [26] Steven C. Bruell, Sukumar Ghosh, Mehmet Hakan Karaata, and Sri-ram V. Pemmaraju. Self-stabilizing algorithms for finding centers and medians of trees. *SIAM J. Comput.*, 29(2):600–614, 1999.
- [27] Russ Bubley, Martin Dyer, Catherine Greenhill, and Mark Jerrum. On approximately counting colorings of small degree graphs. *SIAM J. Comput.*, 29(2):387–400, 1999.
- [28] Harry Buhrman, Lance Fortnow, Dieter van Melkebeek, and Leen Torenvliet. Separating complexity classes using autoreducibility. *SIAM J. Comput.*, 29(5):1497–1520, 2000.
- [29] Harry Buhrman, Ming Li, John Tromp, and Paul Vitányi. Kolmogorov random graphs and the incompressibility method. *SIAM J. Comput.*, 29(2):590–599, 1999.
- [30] Jin-Yi Cai, Richard J. Lipton, and Yechezkel Zalcstein. The complexity of the a b c problem. *SIAM J. Comput.*, 29(6):1878–1888, 2000.
- [31] Edward P.F. Chan and Ron van der Meyden. Containment and optimization of object-preserving conjunctive queries. *SIAM J. Comput.*, 29(4):1371–1400, 2000.
- [32] Danny Z. Chen, Kevin S. Klenk, and Hung-Yi T. Tu. Shortest path queries among weighted obstacles in the rectilinear plane. *SIAM J. Comput.*, 29(4):1223–1246, 2000.
- [33] Weimin Chen and Volker Turau. On regular tree embeddings. *SIAM J. Comput.*, 29(1):288–301, 1999.
- [34] Zhi-Zhong Chen and Ming-Yang Kao. Reducing randomness via irrational numbers. *SIAM J. Comput.*, 29(4):1247–1256, 2000.

- [35] Benny Chor and Lee-Bath Nelson. Solvability in asynchronous environments ii: Finite interactive tasks. *SIAM J. Comput.*, 29(2):351–377, 1999.
- [36] Artur Czumaj, Friedhelm Meyer auf der Heide, and Volker Stemmann. Contention resolution in hashing based shared memory simulations. *SIAM J. Comput.*, 29(5):1703–1739, 2000.
- [37] Paul Dagum, Richard Karp, Michael Luby, and Sheldon Ross. An optimal algorithm for monte carlo estimation. *SIAM J. Comput.*, 29(5):1484–1496, 2000.
- [38] Scott E. Decatur, Oded Goldreich, and Dana Ron. Computational sample complexity. *SIAM J. Comput.*, 29(3):854–879, 1999-2000.
- [39] Shlomi Dolev, Evangelos Kranakis, Danny Krizanc, and David Peleg. Bubbles: Adaptive routing scheme for high-speed dynamic networks. *SIAM J. Comput.*, 29(3):804–833, 1999-2000.
- [40] Dorit Dor, Shay Halperin, and Uri Zwick. All-pairs almost shortest paths. *SIAM J. Comput.*, 29(5):1740–1759, 2000.
- [41] Rod G. Downey, Michael R. Fellows, Alexander Vardy, and Geoff Whittle. The parametrized complexity of some fundamental problems in coding theory. *SIAM J. Comput.*, 29(2):545–570, 1999.
- [42] E. Allen Emerson and Charanjit S. Jutla. The complexity of tree automata and logics of programs. *SIAM J. Comput.*, 29(1):132–158, 1999.
- [43] Funda Ergün, S. Ravi Kumar, and D. Sivakumar. Self-testing without the generator bottleneck. *SIAM J. Comput.*, 29(5):1630–1651, 2000.
- [44] Jeff Erickson. Space-time tradeoffs for emptiness queries. *SIAM J. Comput.*, 29(6):1968–1996, 2000.
- [45] Elaine Eschen, Ryan B. Hayward, Jeremy Spinrad, and R. Sritharan. Weakly triangulated comparability graphs. *SIAM J. Comput.*, 29(2):378–386, 1999.
- [46] Oren Etzioni, Steve Hanks, Tao Jiang, and Omid Madani. Optimal information gathering on the internet with time and cost constraints. *SIAM J. Comput.*, 29(5):1596–1620, 2000.

- [47] Uriel Feige, Dror Lapidot, and Adi Shamir. Multiple noninteractive zero knowledge proofs under general assumptions. *SIAM J. Comput.*, 29(1):1–28, 1999.
- [48] Amos Fiat and Moni Naor. Rigorous time/space trade-offs for inverting functions. *SIAM J. Comput.*, 29(3):790–803, 1999-2000.
- [49] Naveen Garg, Huzur Saran, and Vijay V. Vazirani. Finding separator cuts in planar graphs within twice the optimal. *SIAM J. Comput.*, 29(1):159–179, 1999.
- [50] Bhaskar Ghosh, F.T. Leighton, Bruce M. Maggs, S. Muthukrishnan, C. Greg Plaxton, R. Rajaraman, Andréa W. Richa, Robert E. Tarjan, and David Zuckerman. Tight analyses of two local load balancing algorithms. *SIAM J. Comput.*, 29(1):29–64, 1999.
- [51] Leslie Ann Goldberg and Mark Jerrum. Randomly sampling molecules. *SIAM J. Comput.*, 29(3):834–853, 1999-2000.
- [52] Oded Goldreich and Shmuel Safra. A combinatorial consistency lemma with application to proving the *pcp* theorem. *SIAM J. Comput.*, 29(4):1132–1154, 2000.
- [53] Michael T. Goodrich. Communication-efficient parallel sorting. *SIAM J. Comput.*, 29(2):416–432, 1999.
- [54] Vince Grolmusz and Gábor Tardos. Lower bounds for $(\text{mod}_p - \text{mod}_m)$ circuits. *SIAM J. Comput.*, 29(4):1209–1222, 2000.
- [55] Sariel Har-Peled. Constructing planar cuttings in theory and practice. *SIAM J. Comput.*, 29(6):2016–2039, 2000.
- [56] Xin He and Zhi-Zhong Chen. An algorithm for shortest paths in bipartite digraphs with concave weight matrices and its applications. *SIAM J. Comput.*, 29(1):65–80, 1999.
- [57] Monika R. Henzinger. Improved data structures for fully dynamic bi-connectivity. *SIAM J. Comput.*, 29(6):1761–1815, 2000.
- [58] Ming-Yang Kao and Jie Wang. Linear-time approximation algorithms for computing numerical summation with provably small errors. *SIAM J. Comput.*, 29(5):1568–1576, 2000.

- [59] Haim Kaplan, Ron Shamir, and Robert E. Tarjan. A faster and simpler algorithm for sorting signed permutations by reversals. *SIAM J. Comput.*, 29(3):880–892, 1999-2000.
- [60] Sanjiv Kapoor. Dynamic maintenance of maxima of 2-d point sets. *SIAM J. Comput.*, 29(6):1858–1877, 2000.
- [61] David R. Karger. A randomized fully polynomial time approximation scheme for the all-terminal network reliability problem. *SIAM J. Comput.*, 29(2):492–514, 1999.
- [62] Juha Kärkkäinen and Esko Ukkonen. Two- and higher-dimensional pattern matching in optimal expected time. *SIAM J. Comput.*, 29(2):571–589, 1999.
- [63] Howard Karloff. How good is the goemans-williamson max cut algorithm? *SIAM J. Comput.*, 29(1):336–350, 1999.
- [64] Sanjeev Khanna and Vincenzo Liberatore. On broadcast disk paging. *SIAM J. Comput.*, 29(5):1683–1702, 2000.
- [65] Joe Kilian, Eyal Kushilevitz, Silvio Micali, and Rafail Ostrovsky. Reducibility and completeness in private computations. *SIAM J. Comput.*, 29(4):1189–1208, 2000.
- [66] Tracy Kimbrel and Anna R. Karlin. Near-optimal parallel prefetching and caching. *SIAM J. Comput.*, 29(4):1051–1082, 2000.
- [67] S. Rao Kosaraju and Giovanni Manzini. Compression of low entropy strings with lempel-ziv algorithms. *SIAM J. Comput.*, 29(3):893–911, 1999-2000.
- [68] Han la Poutré. Maintenance of 2- and 3-edge-connected components of graphs ii. *SIAM J. Comput.*, 29(5):1521–1549, 2000.
- [69] Tom Leighton and Yuan Ma. Tight bounds on the size of fault-tolerant merging and sorting networks with destructive faults. *SIAM J. Comput.*, 29(1):258–273, 1999.
- [70] Håkan Lennerstad and Lars Lundberg. Optimal combinatorial functions comparing multiprocess allocation performance in multiprocessor systems. *SIAM J. Comput.*, 29(6):1816–1838, 2000.

- [71] Mark Levene and George Loizou. Navigation in hypertext is easy only sometimes. *SIAM J. Comput.*, 29(3):728–760, 1999-2000.
- [72] Wei-Liang Lin, Amir H. Farrahi, and M. Sarrafzadeh. On the power of logic resynthesis. *SIAM J. Comput.*, 29(4):1257–1289, 2000.
- [73] Ioan I. Macarie. On the structure of logspace probabilistic complexity classes. *SIAM J. Comput.*, 29(3):987–1007, 1999-2000.
- [74] Dahlia Malkhi, Michael K. Reiter, and Avishai Wool. The load and availability of byzantine quorum systems. *SIAM J. Comput.*, 29(6):1889–1906, 2000.
- [75] Jerzy Marcinkowski. Achilles, turtle, and undecidable boundedness problems for small datalog programs. *SIAM J. Comput.*, 29(1):231–257, 1999.
- [76] Scott A. Mitchell and Stephen A. Vavasis. Quality mesh generation in higher dimensions. *SIAM J. Comput.*, 29(4):1334–1370, 2000.
- [77] F.K. Miyazawa and Y. Wakabayashi. Approximation algorithms for the orthogonal z -oriented three-dimensional packing problem. *SIAM J. Comput.*, 29(3):1008–1029, 1999-2000.
- [78] B. Natarajan. On learning functions from noise-free and noisy samples via occam’s razor. *SIAM J. Comput.*, 29(3):712–727, 1999-2000.
- [79] Zhivko Prodanov Nedev. Finding an even simple path in a directed planar graph. *SIAM J. Comput.*, 29(2):685–695, 1999.
- [80] Leszek Pacholski, Wiesław Szwast, and Lidia Tendera. Complexity results for first-order two-variable logic with counting. *SIAM J. Comput.*, 29(4):1083–1117, 2000.
- [81] Sridhar Rajagopalan and Leonard J. Schulman. Verification of identities. *SIAM J. Comput.*, 29(4):1155–1163, 2000.
- [82] Klaus Reinhardt and Eric Allender. Making nondeterminism unambiguous. *SIAM J. Comput.*, 29(4):1118–1131, 2000.

- [83] J.H. Rieger. Proximity in arrangements of algebraic sets. *SIAM J. Comput.*, 29(2):433–458, 1999. see Erratum in *SIAM J. Comp.*, Vol. 31, 2001-2002, No. 3, 987-987.
- [84] Frank Ruskey and Joe Sawada. An efficient algorithm for generating necklaces with fixed density. *SIAM J. Comput.*, 29(2):671–684, 1999.
- [85] Michael Saks and Fotios Zaharoglou. Wait-free k -set agreement is impossible: The topology of public knowledge. *SIAM J. Comput.*, 29(5):1449–1483, 2000.
- [86] Jürgen Sellen, Joonsoo Choi, and Chee-Keng Yap. Precision-sensitive euclidean shortest path in 3-space. *SIAM J. Comput.*, 29(5):1577–1595, 2000.
- [87] Aravind Srinivasan. Improved approximation guarantees for packing and covering integer programs. *SIAM J. Comput.*, 29(2):648–670, 1999.
- [88] Ladislav Stacho and Imrich Vrto. Virtual path layouts in atm networks. *SIAM J. Comput.*, 29(5):1621–1629, 2000.
- [89] Z. Sweedyk. A $2\frac{1}{2}$ -approximation algorithm for shortest superstring. *SIAM J. Comput.*, 29(3):954–986, 1999-2000.
- [90] Tibor Szkaliczki. Routing with minimum wire length in the dogleg-free manhattan model is np -complete. *SIAM J. Comput.*, 29(1):274–287, 1999.
- [91] Luca Trevisan, Gregory B. Sorkin, Madhu Sudan, and David P. Williamson. Gadgets, approximation, and linear programming. *SIAM J. Comput.*, 29(6):2074–2097, 2000.
- [92] Millist W. Vincent and Mark Levene. Restructuring partitioned normal form relations without information loss. *SIAM J. Comput.*, 29(5):1550–1567, 2000.
- [93] Joachim von zur Gathen and Igor E. Shparlinski. The crew pram complexity of modular inversion. *SIAM J. Comput.*, 29(6):1839–1857, 2000.
- [94] Dan E. Willard. Examining computational geometry, van emde boas trees, and hashing from the perspective of the fusion tree. *SIAM J. Comput.*, 29(3):1030–1049, 1999-2000.

- [95] Bang Ye Wu, Giuseppe Lancia, Vineet Bafna, Kun-Mao Chao, R. Ravi, and Chuan Yi Tang. A polynomial-time approximation scheme for minimum routing cost spanning trees. *SIAM J. Comput.*, 29(3):761–778, 1999-2000.