

References

- [1] Dimitris Achlioptas and Cristopher Moore. Random k -sat: Two moments suffice to cross a sharp threshold. *SIAM J. Comput.*, 36(3):740–762, 2006.
- [2] Pankaj K. Agarwal, Mark Overmars, and Micha Sharir. Computing maximally separated sets in the plane. *SIAM J. Comput.*, 36(3):815–834, 2006.
- [3] Noa Agmon and David Peleg. Fault-tolerant gathering algorithms for autonomous mobile robots. *SIAM J. Comput.*, 36(1):56–82, 2006.
- [4] Mikhail Alekhovich and Eli Ben-Sasson. Linear upper bounds for random walk on small density random 3-cnfs. *SIAM J. Comput.*, 36(5):1248–1263, 2006-2007.
- [5] Max A. Alekseyev and Pavel A. Pevzner. Whole genome duplications and contracted breakpoint graphs. *SIAM J. Comput.*, 36(6):1748–1763, 2007.
- [6] Benny Applebaum, Yuval Ishai, and Eyal Kushilevitz. Cryptography in nc^0 . *SIAM J. Comput.*, 36(4):845–888, 2006.
- [7] Lars Arge, Michael A. Bender, Erik D. Demaine, Bryan Holland-Minkley, and J. Ian Munro. An optimal cache-oblivious priority queue and its application to graph algorithms. *SIAM J. Comput.*, 36(6):1672–1695, 2007.
- [8] R. Bar-Yehuda, M.M. Halldórsson, J.(S.) Naor, H. Shachnai, and I. Shapira. Scheduling split intervals. *SIAM J. Comput.*, 36(1):1–15, 2006.
- [9] Boaz Barak, Russell Impagliazzo, and Avi Wigderson. Extracting randomness using few independent sources. *SIAM J. Comput.*, 36(4):1095–1118, 2006.
- [10] Yair Bartal, Amos Fiat, and Stefano Leonardi. Lower bounds for on-line graph problems with application to on-line circuit and optical routing. *SIAM J. Comput.*, 36(2):354–393, 2006.

- [11] Richard Beigel, Lance Fortnow, and Frank Stephan. Infinitely-often autoreducible sets. *SIAM J. Comput.*, 36(3):595–608, 2006.
- [12] Boaz Ben-Moshe, Matthew J. Katz, and Joseph S.B. Mitchell. A constant-factor approximation algorithm for optimal 1.5d terrain guarding. *SIAM J. Comput.*, 36(6):1631–1647, 2007.
- [13] Eli Ben-Sasson, Oded Goldreich, Prahladh Harsha, Madhu Sudan, and Salil Vadhan. Robust pcps of proximity, shorter pcps, and applications to coding. *SIAM J. Comput.*, 36(4):889–974, 2006.
- [14] Andrej Bogdanov and Luca Trevisan. On worst-case to average-case reductions for np problems. *SIAM J. Comput.*, 36(4):1119–1159, 2006.
- [15] Dan Boneh, Ran Canetti, Shai Halevi, and Jonathan Katz. Chosen-ciphertext security from identity-based encryption. *SIAM J. Comput.*, 36(5):1301–1328, 2006-2007.
- [16] Alin Bostan, Pierrick Gaudry, and Éric Schost. Linear recurrences with polynomial coefficients and application to integer factorization and cartier-manin operator. *SIAM J. Comput.*, 36(6):1777–1806, 2007.
- [17] Hervé Brönnimann, Lutz Kettner, Michel Pocchiola, and Jack Snoeyink. Counting and enumerating pointed pseudotriangulations with the greedy flip algorithm. *SIAM J. Comput.*, 36(3):721–739, 2006.
- [18] Andrei Bulatov and Víctor Dalmau. A simple algorithm for mal'tsev constraints. *SIAM J. Comput.*, 36(1):16–27, 2006.
- [19] John Case, Sanjay Jain, Eric Martin, Arun Sharma, and Frank Stephan. Identifying clusters from positive data. *SIAM J. Comput.*, 36(1):28–55, 2006.
- [20] Timothy M. Chan. Dynamic subgraph connectivity with geometric applications. *SIAM J. Comput.*, 36(3):681–694, 2006.
- [21] Guantao Chen, Zhicheng Gao, Xingxing Yu, and Wenan Zang. Approximating longest cycles in graphs with bounded degrees. *SIAM J. Comput.*, 36(3):635–656, 2006.

- [22] Ke Chen, Amos Fiat, Haim Kaplan, Meital Levy, Jiří Matoušek, Elchanan Mossel, János Pach, Micha Sharir, Shakhar Smorodinsky, Uli Wagner, and Emo Welzl. Online conflict-free coloring for intervals. *SIAM J. Comput.*, 36(5):1342–1359, 2006-2007.
- [23] Marek Chrobak, Leszek Gaśieniec, and Dariusz R. Kowalski. The wake-up problem in multihop radio networks. *SIAM J. Comput.*, 36(5):1453–1471, 2006-2007.
- [24] Marek Chrobak, Wojciech Jawor, Jiří Sgall, and Tomáš Tichý. Online scheduling of equal-length jobs: Randomization and restarts help. *SIAM J. Comput.*, 36(6):1709–1728, 2007.
- [25] Julia Chuzhoy and Joseph (Seffi) Naor. Covering problems with hard capacities. *SIAM J. Comput.*, 36(2):498–515, 2006.
- [26] Julia Chuzhoy and Joseph (Seffi) Naor. The hardness of metric labeling. *SIAM J. Comput.*, 36(5):1376–1386, 2006-2007.
- [27] Nadia Creignou and Bruno Zanuttini. A complete classification of the complexity of propositional abduction. *SIAM J. Comput.*, 36(1):207–229, 2006.
- [28] Mary Cryan, Martin Dyer, Leslie Ann Goldberg, Mark Jerrum, and Russell Martin. Rapidly mixing markov chains for sampling contingency tables with a constant number of rows. *SIAM J. Comput.*, 36(1):247–278, 2006.
- [29] Scott Diehl and Dieter van Melkebeek. Time-space lower bounds for the polynomial-time hierarchy on randomized machines. *SIAM J. Comput.*, 36(3):563–594, 2006.
- [30] Irit Dinur and Omer Reingold. Assignment testers: Towards a combinatorial proof of the pcp theorem. *SIAM J. Comput.*, 36(4):975–1024, 2006.
- [31] Petros Drineas, Ravi Kannan, and Michael W. Mahoney. Fast monte carlo algorithms for matrices i: Approximating matrix multiplication. *SIAM J. Comput.*, 36(1):132–157, 2006.

- [32] Petros Drineas, Ravi Kannan, and Michael W. Mahoney. Fast monte carlo algorithms for matrices ii: Computing a low-rank approximation to a matrix. *SIAM J. Comput.*, 36(1):158–183, 2006.
- [33] Petros Drineas, Ravi Kannan, and Michael W. Mahoney. Fast monte carlo algorithms for matrices iii: Computing a compressed approximate matrix decomposition. *SIAM J. Comput.*, 36(1):184–206, 2006.
- [34] Zeev Dvir and Amir Shpilka. Locally decodable codes with two queries and polynomial identity testing for depth 3 circuits. *SIAM J. Comput.*, 36(5):1404–1434, 2006-2007.
- [35] Cynthia Dwork and Moni Naor. Zaps and their applications. *SIAM J. Comput.*, 36(6):1513–1543, 2007.
- [36] Michael Elkin. An unconditional lower bound on the time-approximation trade-off for the distributed minimum spanning tree problem. *SIAM J. Comput.*, 36(2):433–456, 2006.
- [37] David Eppstein, Michael T. Goodrich, and Daniel S. Hirschberg. Improved combinatorial group testing algorithms for real-world problem sizes. *SIAM J. Comput.*, 36(5):1360–1375, 2006-2007.
- [38] Tomas Feder and Pavol Hell. Full constraint satisfaction problems. *SIAM J. Comput.*, 36(1):230–246, 2006.
- [39] Jon Feldman and Matthias Ruhl. The directed steiner network problem is tractable for a constant number of terminals. *SIAM J. Comput.*, 36(2):543–561, 2006.
- [40] Lisa Fleischer and Martin Skutella. Quickest flows over time. *SIAM J. Comput.*, 36(6):1600–1630, 2007.
- [41] Fedor V. Fomin and Dimitrios M. Thilikos. Dominating sets in planar graphs: Branch-width and exponential speed-up. *SIAM J. Comput.*, 36(2):281–309, 2006.
- [42] Alan Frieze and Gregory B. Sorkin. The probabilistic relationship between the assignment and asymmetric traveling salesman problems. *SIAM J. Comput.*, 36(5):1435–1452, 2006-2007.

- [43] Ariel Gabizon, Ran Raz, and Ronen Shaltiel. Deterministic extractors for bit-fixing sources by obtaining an independent seed. *SIAM J. Comput.*, 36(4):1072–1094, 2006.
- [44] Harold N. Gabow. Finding paths and cycles of superpolylogarithmic length. *SIAM J. Comput.*, 36(6):1648–1671, 2007.
- [45] Christian Glaßer, A. Pavan, Alan L. Selman, and Samik Sengupta. Properties of np -complete sets. *SIAM J. Comput.*, 36(2):516–542, 2006.
- [46] Eran Halperin, Guy Kortsarz, Robert Krauthgamer, Aravind Srinivasan, and Nan Wang. Integrality ratio for group steiner trees and directed steiner trees. *SIAM J. Comput.*, 36(5):1494–1511, 2006-2007.
- [47] Lane A. Hemaspaandra, Christopher M. Homan, Sven Kosub, and Klaus W. Wagner. The complexity of computing the size of an interval. *SIAM J. Comput.*, 36(5):1264–1300, 2006-2007.
- [48] John M. Hitchcock. Online learning and resource-bounded dimension: Winnow yields new lower bounds for hard sets. *SIAM J. Comput.*, 36(6):1696–1708, 2007.
- [49] Gunnar Hoest and Nir Shavit. Toward a topological characterization of asynchronous complexity. *SIAM J. Comput.*, 36(2):457–497, 2006.
- [50] Stasys Jukna. Disproving the single level conjecture. *SIAM J. Comput.*, 36(1):83–98, 2006.
- [51] Yoko Kamidoi, Noriyoshi Yoshida, and Hiroshi Nagamochi. A deterministic algorithm for finding all minimum k -way cuts. *SIAM J. Comput.*, 36(5):1329–1341, 2006-2007.
- [52] Jesse Kamp and David Zuckerman. Deterministic extractors for bit-fixing sources and exposure-resilient cryptography. *SIAM J. Comput.*, 36(5):1231–1247, 2006-2007.
- [53] Tali Kaufman and Dana Ron. Testing polynomials over general fields. *SIAM J. Comput.*, 36(3):779–802, 2006.
- [54] Subhash Khot. Ruling out ptas for graph min-bisection, dense k -subgraph, and bipartite clique. *SIAM J. Comput.*, 36(4):1025–1071, 2006.

- [55] Hartmut Klauck, Robert Špalek, and Ronald de Wolf. Quantum and classical strong direct product theorems and optimal time-space trade-offs. *SIAM J. Comput.*, 36(5):1472–1493, 2006-2007.
- [56] Dieter Kratsch, Ross M. McConnell, Kurt Mehlhorn, and Jeremy P. Spinrad. Certifying algorithms for recognizing interval graphs and permutation graphs. *SIAM J. Comput.*, 36(2):326–353, 2006.
- [57] Dieter Kratsch and Jeremy Spinrad. Between $o(nm)$ and $o(n^\alpha)$. *SIAM J. Comput.*, 36(2):310–325, 2006.
- [58] Bart Kuijpers, Gabriel Kuper, Jan Paredaens, and Luc Vandeurzen. First-order languages expressing constructible spatial database queries. *SIAM J. Comput.*, 36(6):1570–1599, 2007.
- [59] Amit Kumar and Jon Kleinberg. Fairness measures for resource allocation. *SIAM J. Comput.*, 36(3):657–680, 2006.
- [60] Tomasz Łuczak and Jaroslav Nešetřil. A probabilistic approach to the dichotomy problem. *SIAM J. Comput.*, 36(3):835–843, 2006.
- [61] Mohammad Mahdian, Yinyu Ye, and Jiawei Zhang. Approximation algorithms for metric facility location problems. *SIAM J. Comput.*, 36(2):411–432, 2006.
- [62] Yossi Matias, Eran Segal, and Jeffrey Scott Vitter. Efficient bundle sorting. *SIAM J. Comput.*, 36(2):394–410, 2006.
- [63] Shmuel Safra. Exponential determinization for ω -automata with a strong fairness acceptance condition. *SIAM J. Comput.*, 36(3):803–814, 2006.
- [64] Leonard J. Schulman, Tal Mor, and Yossi Weinstein. Physical limits of heat-bath algorithmic cooling. *SIAM J. Comput.*, 36(6):1729–1747, 2007.
- [65] Micha Sharir and Emo Welzl. On the number of crossing-free matchings, cycles, and partitions. *SIAM J. Comput.*, 36(3):695–720, 2006.
- [66] Amir Shpilka and Avi Wigderson. Derandomizing homomorphism testing in general groups. *SIAM J. Comput.*, 36(4):1215–1230, 2006.

- [67] David Soloveichik and Erik Winfree. Complexity of self-assembled shapes. *SIAM J. Comput.*, 36(6):1544–1569, 2007.
- [68] Aravind Srinivasan. An extension of the Lovász local lemma, and its applications to integer programming. *SIAM J. Comput.*, 36(3):609–634, 2006.
- [69] Ichiro Suzuki and Masafumi Yamashita. Erratum to "distributed anonymous mobile robots: Formation of geometric patterns". *SIAM J. Comput.*, 36(1):279–280, 2006. Originally in *SIAM J. Comput.*, Vol. 28, 1999, No. 4, 1347-1363.
- [70] Salil P. Vadhan. An unconditional study of computational zero knowledge. *SIAM J. Comput.*, 36(4):1160–1214, 2006.
- [71] Wim van Dam, Sean Hallgren, and Lawrence Ip. Quantum algorithms for some hidden shift problems. *SIAM J. Comput.*, 36(3):763–778, 2006.
- [72] Kasturi Varadarajan, S. Venkatesh, Yinyu Ye, and Jiawei Zhang. Approximating the radii of point sets. *SIAM J. Comput.*, 36(6):1764–1776, 2007.
- [73] Emanuele Viola. Pseudorandom bits for constant-depth circuits with few arbitrary symmetric gates. *SIAM J. Comput.*, 36(5):1387–1403, 2006-2007.
- [74] Li-San Wang and Tandy Warnow. Reconstructing chromosomal evolution. *SIAM J. Comput.*, 36(1):99–131, 2006.