

## References

- [1] Andris Ambainis. Polynomial degree vs. quantum query complexity. *J. Comput. Syst. Sci.*, 72(2):220–238, 2006.
- [2] Matthew Andrews and Lisa Zhang. Minimizing maximum fiber requirement in optical networks. *J. Comput. Syst. Sci.*, 72(1):118–131, 2006.
- [3] James Aspnes, Kevin Chang, and Aleksandr Yampolskiy. Inoculation strategies for victims of viruses and the sum-of-squares partition problem. *J. Comput. Syst. Sci.*, 72(6):1077–1093, 2006.
- [4] Boaz Barak, Yehuda Lindell, and Salil Vadhan. Lower bounds for non-black-box zero knowledge. *J. Comput. Syst. Sci.*, 72(2):321–391, 2006.
- [5] Christopher L. Barrett, Harry B. Hunt III, Madhav V. Marathe, S.S. Ravi, Daniel J. Rosenkrantz, and Richard E. Stearns. Complexity of reachability problems for finite discrete dynamical systems. *J. Comput. Syst. Sci.*, 72(8):1317–1345, 2006.
- [6] Yair Bartal, Béla Bollobás, and Manor Mendel. Ramsey-type theorems for metric spaces with applications to online problems. *J. Comput. Syst. Sci.*, 72(5):890–921, 2006.
- [7] Nayantara Bhatnagar, Parikshit Gopalan, and Richard J. Lipton. Symmetric polynomials over  $z_m$  and simultaneous communication protocols. *J. Comput. Syst. Sci.*, 72(2):252–285, 2006.
- [8] Elmar Böhler, Christian Glaßer, and Daniel Meister. Error-bounded probabilistic computations between ma and am. *J. Comput. Syst. Sci.*, 72(6):1043–1076, 2006.
- [9] Alessio Botta, Donato Emma, Antonio Pescapé, and Giorgio Ventre. Systematic performance modeling and characterization of heterogeneous ip networks. *J. Comput. Syst. Sci.*, 72(7):1134–1143, 2006.
- [10] Jianer Chen, Xiuzhen Huang, Iyad A. Kanj, and Ge Xia. Strong computational lower bounds via parameterized complexity. *J. Comput. Syst. Sci.*, 72(8):1346–1367, 2006.

- [11] Jiangzhuo Chen, Rajmohan Rajaraman, and Ravi Sundaram. Meet and merge: Approximation algorithms for confluent flows. *J. Comput. Syst. Sci.*, 72(3):468–489, 2006.
- [12] Bogdan S. Chlebus and Dariusz R. Kowalski. Robust gossiping with an application to consensus. *J. Comput. Syst. Sci.*, 72(8):1262–1281, 2006.
- [13] Fan Chung, Ronald Graham, Ranjita Bhagwan, Stefan Savage, and Geoffrey M. Voelker. Maximizing data locality in distributed systems. *J. Comput. Syst. Sci.*, 72(8):1309–1316, 2006.
- [14] Li Chunlin and Li Layuan. A distributed multiple dimensional qos constrained resource scheduling optimization policy in computational grid. *J. Comput. Syst. Sci.*, 72(4):706–726, 2006.
- [15] Richard Cole, Yevgeniy Dodis, and Tim Roughgarden. How much can taxes help selfish routing? *J. Comput. Syst. Sci.*, 72(3):444–467, 2006.
- [16] Camil Demetrescu and Giuseppe F. Italiano. Fully dynamic all pairs shortest paths with real edge weights. *J. Comput. Syst. Sci.*, 72(5):813–837, 2006.
- [17] S. Demri, F. Laroussinie, and Ph. Schnoebelen. A parametric analysis of the state-explosion problem in model checking. *J. Comput. Syst. Sci.*, 72(4):547–575, 2006.
- [18] Mario Di Raimondo and Rosario Gennaro. Provably secure threshold password-authenticated key exchange. *J. Comput. Syst. Sci.*, 72(6):978–1001, 2006.
- [19] Daniel R. Dooly, Sally A. Goldman, and Stephen S. Kwek. Real-valued multiple-instance learning with queries. *J. Comput. Syst. Sci.*, 72(1):1–15, 2006.
- [20] Michael Elkin. A faster distributed protocol for constructing a minimum spanning tree. *J. Comput. Syst. Sci.*, 72(8):1282–1308, 2006.
- [21] Michael Elkin and Guy Kortsarz. Sublogarithmic approximation for telephone multicast. *J. Comput. Syst. Sci.*, 72(4):648–659, 2006.
- [22] R. Elsässer and L. Gąsieniec. Radio communication in random graphs. *J. Comput. Syst. Sci.*, 72(3):490–506, 2006.

- [23] Lars Engebretsen and Marek Karpinski. Tsp with bounded metrics. *J. Comput. Syst. Sci.*, 72(4):509–546, 2006.
- [24] Leah Epstein and Tamir Tassa. Optimal preemptive scheduling for general target functions. *J. Comput. Syst. Sci.*, 72(1):132–162, 2006.
- [25] Inn Inn Er and Winston K.G. Seah. Clustering overhead and convergence time analysis of the mobility-based multi-hop clustering algorithm for mobile ad hoc networks. *J. Comput. Syst. Sci.*, 72(7):1144–1155, 2006.
- [26] Jittat Fakcharoenphol and Satish Rao. Planar graphs, negative weight edges, shortest paths, and near linear time. *J. Comput. Syst. Sci.*, 72(5):868–889, 2006.
- [27] Armando Ferro, Igor Delgado, Alex Muñoz, and Fidel Liberal. An analytical model for loss estimation in network traffic analysis systems. *J. Comput. Syst. Sci.*, 72(7):1121–1133, 2006.
- [28] Lisa Fleischer, Kamal Jain, and David P. Williamson. Iterative rounding 2-approximation algorithms for minimum-cost vertex connectivity problems. *J. Comput. Syst. Sci.*, 72(5):838–867, 2006.
- [29] Jörg Flum, Martin Grohe, and Mark Weyer. Bounded fixed-parameter tractability and  $\log^2 n$  nondeterministic bits. *J. Comput. Syst. Sci.*, 72(1):34–71, 2006.
- [30] Rajiv Gandhi, Eran Halperin, Samir Khuller, Guy Kortsarz, and Aravind Srinivasan. An improved approximation algorithm for vertex cover with hard capacities. *J. Comput. Syst. Sci.*, 72(1):16–33, 2006.
- [31] G. Geeraerts, J.-F. Raskin, and L. Van Begin. Expand, enlarge and check: New algorithms for the coverability problem of wsts. *J. Comput. Syst. Sci.*, 72(1):180–203, 2006.
- [32] Blaise Genest, Anca Muscholl, Helmut Seidl, and Marc Zeitoun. Infinite-state high-level mscs: Model-checking and realizability. *J. Comput. Syst. Sci.*, 72(4):617–647, 2006.
- [33] Sara Gradara, Antonella Santone, and Maria Luisa Villani. Delfin<sup>+</sup>: An efficient deadlock detection tool for ccs processes. *J. Comput. Syst. Sci.*, 72(8):1397–1412, 2006.

- [34] C. Greg Plaxton. Approximation algorithms for hierarchical location problems. *J. Comput. Syst. Sci.*, 72(3):425–443, 2006.
- [35] E. Grishikashvili Pereira, R. Pereira, and A. Taleb-Bendiab. Performance evaluation for self-healing distributed services and fault detection mechanisms. *J. Comput. Syst. Sci.*, 72(7):1172–1182, 2006.
- [36] David Gross-Amblard and Michel de Rougemont. Uniform generation in spatial constraint databases and applications. *J. Comput. Syst. Sci.*, 72(4):576–591, 2006.
- [37] Jon Grov and Ragnar Normann. Technical note: Replication graphs revisited. *J. Comput. Syst. Sci.*, 72(8):1251–1261, 2006.
- [38] L. Guan, M.E. Woodward, and I.U. Awan. Control of queueing delay in a buffer with time-varying arrival rate. *J. Comput. Syst. Sci.*, 72(7):1238–1248, 2006.
- [39] Jiong Guo, Jens Gramm, Falk Hüffner, Rolf Niedermeier, and Sebastian Wernicke. Compression-based fixed-parameter algorithms for feedback vertex set and edge bipartization. *J. Comput. Syst. Sci.*, 72(8):1386–1396, 2006.
- [40] Yehuda Hassin and David Peleg. Average probe complexity in quorum systems. *J. Comput. Syst. Sci.*, 72(4):592–616, 2006.
- [41] John M. Hitchcock and N.V. Vinodchandran. Dimension, entropy rates, and compression. *J. Comput. Syst. Sci.*, 72(4):760–782, 2006.
- [42] Marcus Hutter. Sequential predictions based on algorithmic complexity. *J. Comput. Syst. Sci.*, 72(1):95–117, 2006.
- [43] Makoto Ikeda, Leonard Barolli, Akio Koyama, Arjan Durrezi, Giuseppe De Marco, and Jiro Iwashige. Performance evaluation of an intelligent cac and routing framework for multimedia applications in broadband networks. *J. Comput. Syst. Sci.*, 72(7):1183–1200, 2006.
- [44] Russell Impagliazzo and Bruce M. Kapron. Logics for reasoning about cryptographic constructions. *J. Comput. Syst. Sci.*, 72(2):286–320, 2006.

- [45] Satoshi Itaya, Naohiro Hayashibara, Tomoya Enokido, and Makoto Takizawa. Hams: Scalable peer-to-peer multimedia streaming model in heterogeneous networks. *J. Comput. Syst. Sci.*, 72(7):1211–1225, 2006.
- [46] Birgit Jenner, Johannes Köbler, Pierre McKenzie, and Jacobo Torán. Corrigendum to "completeness results for graph isomorphism". *J. Comput. Syst. Sci.*, 72(4):783–783, 2006. Originally in *J. Comput. Syst. Sci.*, Vol. 66, 2003, No. 3, 549–566.
- [47] Roni Khardon and Marta Arias. The subsumption lattice and query learning. *J. Comput. Syst. Sci.*, 72(1):72–94, 2006.
- [48] Subhash Khot. Hardness of approximating the shortest vector problem in high  $l_p$  norms. *J. Comput. Syst. Sci.*, 72(2):206–219, 2006.
- [49] Almudena Konrad, Ben Y. Zhao, and Anthony D. Joseph. Determining model accuracy of network traces. *J. Comput. Syst. Sci.*, 72(7):1156–1171, 2006.
- [50] I-En Liao, Cheng-Chi Lee, and Min-Shiang Hwang. A password authentication scheme over insecure networks. *J. Comput. Syst. Sci.*, 72(4):727–740, 2006.
- [51] László Lovász and Santosh Vempala. Simulated annealing in convex bodies and an  $o^*(n^4)$  volume algorithm. *J. Comput. Syst. Sci.*, 72(2):392–417, 2006.
- [52] Pierre McKenzie, Thomas Schwentick, Denis Thérien, and Heribert Vollmer. The many faces of a translation. *J. Comput. Syst. Sci.*, 72(1):163–179, 2006.
- [53] Milena Mihail, Christos Papadimitriou, and Amin Saberi. On certain connectivity properties of the internet topology. *J. Comput. Syst. Sci.*, 72(2):239–251, 2006.
- [54] Michal Parnas, Dana Ron, and Ronitt Rubinfeld. Tolerant property testing and distance approximation. *J. Comput. Syst. Sci.*, 72(6):1012–1042, 2006.
- [55] Tim Roughgarden. On the severity of braess's paradox: Designing networks for selfish users is hard. *J. Comput. Syst. Sci.*, 72(5):922–953, 2006.

- [56] Yogish Sabharwal, Nishant Sharma, and Sandeep Sen. Nearest neighbors search using point location in balls with applications to approximate voronoi decompositions. *J. Comput. Syst. Sci.*, 72(6):955–977, 2006.
- [57] Zuhua Shao. Security of the design of time-stamped signatures. *J. Comput. Syst. Sci.*, 72(4):690–705, 2006.
- [58] Holger Spakowski and Rahul Tripathi. Lwpp and wpp are not uniformly gap-definable. *J. Comput. Syst. Sci.*, 72(4):660–689, 2006.
- [59] Anand Srinivasan and James H. Anderson. Optimal rate-based scheduling on multiprocessors. *J. Comput. Syst. Sci.*, 72(6):1094–1117, 2006.
- [60] Hung-Min Sun and Her-Tyan Yeh. Password-based authentication and key distribution protocols with perfect forward secrecy. *J. Comput. Syst. Sci.*, 72(6):1002–1011, 2006.
- [61] Amnon Ta-Shma, David Zuckerman, and Shmuel Safra. Extractors from reed-muller codes. *J. Comput. Syst. Sci.*, 72(5):786–812, 2006.
- [62] Yousuke Takada, Teijiro Isokawa, Ferdinand Peper, and Nobuyuki Matsui. Construction universality in purely asynchronous cellular automata. *J. Comput. Syst. Sci.*, 72(8):1368–1385, 2006.
- [63] Guang Tan and Stephen A. Jarvis. Prediction of short-lived tcp transfer latency on bandwidth asymmetric links. *J. Comput. Syst. Sci.*, 72(7):1201–1210, 2006.
- [64] Hui-Cheng Xia, Deng-Feng Li, Ji-Yan Zhou, and Jian-Ming Wang. Fuzzy linmap method for multiattribute decision making under fuzzy environments. *J. Comput. Syst. Sci.*, 72(4):741–759, 2006.
- [65] Muhammad Younas and Kuo-Ming Chao. A tentative commit protocol for composite web services. *J. Comput. Syst. Sci.*, 72(7):1226–1237, 2006.