

References

- [1] Dimitris Achlioptas. Database-friendly random projections: Johnson-lindenstrauss with binary coins. *J. Comput. Syst. Sci.*, 66(4):671–687, 2003.
- [2] Dimitris Achlioptas and Cristopher Moore. Almost all graphs with average degree 4 are 3-colorable. *J. Comput. Syst. Sci.*, 67(2):441–471, 2003.
- [3] Pankaj K Agarwal, Lars Arge, and Jeff Erickson. Indexing moving points. *J. Comput. Syst. Sci.*, 66(1):207–243, 2003.
- [4] Jochen Alber, Henning Fernau, and Rolf Niedermeier. Graph separators: A parameterized view. *J. Comput. Syst. Sci.*, 67(4):808–832, 2003.
- [5] J.-P. Allouche and G. Skordev. Remarks on permutive cellular automata. *J. Comput. Syst. Sci.*, 67(1):174–182, 2003.
- [6] Noga Alon, W. Fernandez de la Vega, Ravi Kannan, and Marek Karpinski. Random sampling and approximation of max-csps. *J. Comput. Syst. Sci.*, 67(2):212–243, 2003.
- [7] Noga Alon, Tova Milo, Frank Neven, Dan Suciu, and Victor Vianu. Xml with data values: Typechecking revisited. *J. Comput. Syst. Sci.*, 66(4):688–727, 2003.
- [8] R. Sai Anand, Thomas Erlebach, Alexander Hall, and Stamatis Stefanakos. Call control with k rejections. *J. Comput. Syst. Sci.*, 67(4):707–722, 2003.
- [9] Sanjeev Arora and Subhash Khot. Fitting algebraic curves to noisy data. *J. Comput. Syst. Sci.*, 67(2):325–340, 2003.
- [10] Saugata Basu. Computing the betti numbers of arrangements via spectral sequences. *J. Comput. Syst. Sci.*, 67(2):244–262, 2003.
- [11] Shai Ben-David, Nadav Eiron, and Philip M. Long. On the difficulty of approximately maximizing agreements. *J. Comput. Syst. Sci.*, 66(3):496–514, 2003.

- [12] Michael Benedikt, Martin Grohe, Leonid Libkin, and Luc Segoufin. Reachability and connectivity queries in constraint databases. *J. Comput. Syst. Sci.*, 66(1):169–206, 2003.
- [13] Gerth Stølting Brodal, George Lagogiannis, Christos Makris, Athanasios Tsakalidis, and Kostas Tsihclas. Optimal finger search trees in the pointer machine. *J. Comput. Syst. Sci.*, 67(2):381–418, 2003.
- [14] Liming Cai and David Juedes. On the existence of subexponential parameterized algorithms. *J. Comput. Syst. Sci.*, 67(4):789–807, 2003.
- [15] Vincenza Carchiolo, Michele Malgeri, and Giuseppe Mangioni. Ttl: A modular language for hardware/software systems design. *J. Comput. Syst. Sci.*, 66(2):293–315, 2003.
- [16] Marco Cesati. The turing way to parameterized complexity. *J. Comput. Syst. Sci.*, 67(4):654–685, 2003.
- [17] James Cheetham, Frank Dehne, Andrew Rau-Chaplin, Ulrike Stege, and Peter J. Taillon. Solving large fpt problems on coarse-grained parallel machines. *J. Comput. Syst. Sci.*, 67(4):691–706, 2003.
- [18] Jianer Chen and Iyad A. Kanj. Constrained minimum vertex cover in bipartite graphs: Complexity and parameterized algorithms. *J. Comput. Syst. Sci.*, 67(4):833–847, 2003.
- [19] Zhiyuan Chen, Flip Korn, Nick Koudas, and S. Muthukrishnan. Generalized substring selectivity estimation. *J. Comput. Syst. Sci.*, 66(1):98–132, 2003.
- [20] Steve Chien, Lars Rasmussen, and Alistair Sinclair. Clifford algebras and approximating the permanent. *J. Comput. Syst. Sci.*, 67(2):263–290, 2003.
- [21] Marek Chrobak, Leah Epstein, John Noga, Jiří Sgall, Rob van Stee, Tomáš Tichý, and Nodari Vakhania. Preemptive scheduling in overloaded systems. *J. Comput. Syst. Sci.*, 67(1):183–197, 2003.
- [22] Edith Cohen, Haim Kaplan, and Uri Zwick. Connection caching: Model and algorithms. *J. Comput. Syst. Sci.*, 67(1):92–126, 2003.

- [23] Carlos Cotta and Pablo Moscato. The k -feature set problem is $w[2]$ -complete. *J. Comput. Syst. Sci.*, 67(4):686–690, 2003.
- [24] Mary Cryan and Martin Dyer. A polynomial-time algorithm to approximately count contingency tables when the number of rows is constant. *J. Comput. Syst. Sci.*, 67(2):291–310, 2003.
- [25] Nilesh N. Dalvi, Sumit K. Sanghai, Prasan Roy, and S. Sudarshan. Pipelining in multi-query optimization. *J. Comput. Syst. Sci.*, 66(4):728–762, 2003.
- [26] Peter Damaschke. On parallel attribute-efficient learning. *J. Comput. Syst. Sci.*, 67(1):46–62, 2003.
- [27] Xiaotie Deng, Christos Papadimitriou, and Shmuel Safra. On the complexity of price equilibria. *J. Comput. Syst. Sci.*, 67(2):311–324, 2003.
- [28] Shlomi Dolev and Sergio Rajsbaum. Stability of long-lived consensus. *J. Comput. Syst. Sci.*, 67(1):26–45, 2003.
- [29] Ronald Fagin, Amnon Lotem, and Moni Naor. Optimal aggregation algorithms for middleware. *J. Comput. Syst. Sci.*, 66(4):614–656, 2003.
- [30] Wenfei Fan and Jérôme Siméon. Integrity constraints for xml. *J. Comput. Syst. Sci.*, 66(1):254–291, 2003.
- [31] Paolo Ferragina, Nick Koudas, S. Muthukrishnan, and Divesh Srivastava. Two-dimensional substring indexing. *J. Comput. Syst. Sci.*, 66(4):763–774, 2003.
- [32] William Gasarch, Evan Golub, and Clyde Kruskal. Constant time parallel sorting: An empirical view. *J. Comput. Syst. Sci.*, 67(1):63–91, 2003.
- [33] Bruno Gaujal, Stefan Haar, and Jean Mairesse. Blocking a transition in a free choice net and what it tells about its throughput. *J. Comput. Syst. Sci.*, 66(3):515–548, 2003.
- [34] Viliam Geffert. Translation of binary regular expressions into non-deterministic ε -free automata with $o(n \log n)$ transitions. *J. Comput. Syst. Sci.*, 66(3):451–472, 2003.

- [35] Georg Gottlob, Nicola Leone, and Francesco Scarcello. Robbers, marshals, and guards: Game theoretic and logical characterizations of hypertree width. *J. Comput. Syst. Sci.*, 66(4):775–808, 2003.
- [36] Jens Gramm and Rolf Niedermeier. A fixed-parameter algorithm for minimum quartet inconsistency. *J. Comput. Syst. Sci.*, 67(4):723–741, 2003.
- [37] Stéphane Grumbach and Leonardo Tininini. On the content of materialized aggregate views. *J. Comput. Syst. Sci.*, 66(1):133–168, 2003.
- [38] Venkatesan Guruswami, Sanjeev Khanna, Rajmohan Rajaraman, Bruce Shepherd, and Mihalis Yannakakis. Near-optimal hardness results and approximation algorithms for edge-disjoint paths and related problems. *J. Comput. Syst. Sci.*, 67(3):473–496, 2003.
- [39] Monika R. Henzinger and Stefano Leonardi. Scheduling multicasts on unit-capacity trees and meshes. *J. Comput. Syst. Sci.*, 66(3):567–611, 2003.
- [40] Peter Heusch, Stefan Porschen, and Ewald Speckenmeyer. Improving a fixed parameter tractability time bound for the shadow problem. *J. Comput. Syst. Sci.*, 67(4):772–788, 2003.
- [41] Christopher M. Homan and Mayur Thakur. One-way permutations and self-witnessing languages. *J. Comput. Syst. Sci.*, 67(3):608–622, 2003.
- [42] Sanjay Jain and Efim Kinber. Intrinsic complexity of learning geometrical concepts from positive data. *J. Comput. Syst. Sci.*, 67(3):546–607, 2003.
- [43] Birgit Jenner, Johannes Köbler, Pierre McKenzie, and Jacobo Torán. Completeness results for graph isomorphism. *J. Comput. Syst. Sci.*, 66(3):549–566, 2003. see Corrigendum in *J. Comput. Syst. Sci.* Vol. 72, 783.
- [44] Hans Kellerer, Renata Mansini, Ulrich Pferschy, and Maria Grazia Speranza. An efficient fully polynomial approximation scheme for the subset-sum problem. *J. Comput. Syst. Sci.*, 66(2):349–370, 2003.

- [45] Marcos Kiwi, Frédéric Magniez, and Miklos Santha. Approximate testing with error relative to input size. *J. Comput. Syst. Sci.*, 66(2):371–392, 2003.
- [46] Jon Kleinberg, Christos Papadimitriou, and Prabhakar Raghavan. Auditing boolean attributes. *J. Comput. Syst. Sci.*, 66(1):244–253, 2003.
- [47] Hirotada Kobayashi and Keiji Matsumoto. Quantum multi-prover interactive proof systems with limited prior entanglement. *J. Comput. Syst. Sci.*, 66(3):429–450, 2003.
- [48] Kim S. Larsen. Relaxed multi-way trees with group updates. *J. Comput. Syst. Sci.*, 66(4):657–670, 2003.
- [49] Chunguang Li, Xiaofeng Liao, and Juebang Yu. Complex-valued wavelet network. *J. Comput. Syst. Sci.*, 67(3):623–632, 2003.
- [50] Olivier Ly. Automatic graphs and d0l-sequences of finite graphs. *J. Comput. Syst. Sci.*, 67(3):497–545, 2003.
- [51] James F. Lynch. Analysis and application of adaptive sampling. *J. Comput. Syst. Sci.*, 66(1):2–19, 2003.
- [52] J.A. Makowsky and J.P. Mariño. The parametrized complexity of knot polynomials. *J. Comput. Syst. Sci.*, 67(4):742–756, 2003.
- [53] K. Meinke. Proof theory of higher-order equations: Conservativity, normal forms and term rewriting. *J. Comput. Syst. Sci.*, 67(1):127–173, 2003.
- [54] Todd Millstein, Alon Halevy, and Marc Friedman. Query containment for data integration systems. *J. Comput. Syst. Sci.*, 66(1):20–39, 2003.
- [55] Tova Milo, Dan Suciu, and Victor Vianu. Typechecking for xml transformers. *J. Comput. Syst. Sci.*, 66(1):66–97, 2003.
- [56] Krzysztof Pietrzak. On the parameterized complexity of the fixed alphabet. *J. Comput. Syst. Sci.*, 67(4):757–771, 2003.
- [57] Anand Rajaraman and Jeffrey D. Ullman. Querying websites using compact skeletons. *J. Comput. Syst. Sci.*, 66(4):809–851, 2003.

- [58] Abhiram G. Ranade. Scheduling loosely connected task graphs. *J. Comput. Syst. Sci.*, 67(1):198–208, 2003.
- [59] M. Reynolds. The complexity of the temporal logic with "until" over general linear time. *J. Comput. Syst. Sci.*, 66(2):393–426, 2003.
- [60] Hwakyung Rim, Ju-wook Jang, and Sungchun Kim. A simple reduction of non-uniformity in dynamic load balancing of quantized loads on hypercube multiprocessors and hiding balancing overheads. *J. Comput. Syst. Sci.*, 67(1):1–25, 2003.
- [61] Tim Roughgarden. The price of anarchy is independent of the network topology. *J. Comput. Syst. Sci.*, 67(2):341–364, 2003.
- [62] Martin Sauerhoff. Guess-and-verify versus unrestricted nondeterminism for obdds and one-way turing machines. *J. Comput. Syst. Sci.*, 66(3):473–495, 2003.
- [63] Marcus Schaefer, Eric Sedgwick, and Daniel Štefankovič. Recognizing string graphs in *np*. *J. Comput. Syst. Sci.*, 67(2):365–380, 2003.
- [64] Marc Spielmann. Verification of relational transducers for electronic commerce. *J. Comput. Syst. Sci.*, 66(1):40–65, 2003.
- [65] Aravind Srinivasan. On the approximability of clique and related maximization problems. *J. Comput. Syst. Sci.*, 67(3):633–651, 2003.
- [66] Simone Tini. An axiomatic semantics for the synchronous language gentzen. *J. Comput. Syst. Sci.*, 66(2):316–348, 2003.
- [67] Christopher Umans. Pseudo-random generators for all hardnesses. *J. Comput. Syst. Sci.*, 67(2):419–440, 2003.