

## References

- [1] Serge Abiteboul, Moshe Y. Vardi, and Victor Vianu. Fixpoint logics, relational machines, and computational complexity. *J. ACM*, 44(1):30–56, 1997.
- [2] Pankaj K. Agarwal, Sariel Har-Peled, Micha Sharir, and Kasturi R. Varadarajan. Approximating shortest paths on a convex polytope in three dimensions. *J. ACM*, 44(4):567–584, 1997.
- [3] Noga Alon, Shai Ben-David, Nicolò Cesa-Bianchi, and David Haussler. Scale-sensitive dimensions, uniform convergence, and learnability. *J. ACM*, 44(4):615–631, 1997.
- [4] James Aspnes, Yossi Azar, Amos Fiat, Serge Plotkin, and Orli Waarts. On-line routing of virtual circuits with applications to load balancing and machine scheduling. *J. ACM*, 44(3):486–504, 1997.
- [5] Baruch Awerbuch and Leonard J. Schulman. The maintenance of common data in a distributed system. *J. ACM*, 44(1):86–103, 1997.
- [6] W. Bibel and E. Eder. Decomposition of tautologies into regular formulas and strong completeness of connection-graph resolution. *J. ACM*, 44(2):320–344, 1997.
- [7] Stefano Bistarelli, Ugo Montanari, and Francesca Rossi. Semiring-based constraint satisfaction and optimization. *J. ACM*, 44(2):201–236, 1997.
- [8] Allan Borodin, Prabhakar Raghavan, Baruch Schieber, and Eli Upfal. How much can hardware help routing? *J. ACM*, 44(5):726–741, 1997.
- [9] Ronen I. Brafman, Jean-Claude Latombe, Yoram Moses, and Yoav Shoham. Applications of a logic of knowledge to motion planning under uncertainty. *J. ACM*, 44(5):633–668, 1997.
- [10] Manfred Broy. Compositional refinement of interactive systems. *J. ACM*, 44(6):850–891, 1997.
- [11] Nicolò Cesa-Bianchi, Yoav Freund, David Haussler, David P. Helmbold, Robert E. Schapire, and Manfred K. Warmuth. How to use expert advice. *J. ACM*, 44(3):427–485, 1997.

- [12] Cynthia Dwork, Maurice Herlihy, and Orli Waarts. Contention in shared memory algorithms. *J. ACM*, 44(6):779–805, 1997.
- [13] David Eppstein, Zvi Galil, Giuseppe F. Italiano, and Amnon Nissenzweig. Sparsification — a technique for speeding up dynamic graph algorithms. *J. ACM*, 44(5):669–696, 1997.
- [14] Edith Hemaspaandra, Lane A. Hemaspaandra, and Jörg Rothe. Exact analysis of dodgson elections: Lewis carroll’s 1876 voting system is complete for parallel access to  $np$ . *J. ACM*, 44(6):806–825, 1997.
- [15] Alexander T. Ishii, Charles E. Leiserson, and Marios C. Papaefthymiou. Optimizing two-phase, level-clocked circuitry. *J. ACM*, 44(1):148–199, 1997.
- [16] Prasad Jayanti. Robust wait-free hierarchies. *J. ACM*, 44(4):592–614, 1997.
- [17] Peter Jeavons, David Cohen, and Marc Gyssens. Closure properties of constraints. *J. ACM*, 44(4):527–548, 1997.
- [18] Tao Jiang, Joel I. Seiferas, and Paul M.B. Vitanyi. Erratum to ”two heads are better than two tapes”. *J. ACM*, 44(4):632–632, 1997. Originally in J. ACM, Vol. 44, 1997, No. 2, 237–256.
- [19] Tao Jiang, Joel I. Seiferas, and Paul M.B. Vitányi. Two heads are better than two tapes. *J. ACM*, 44(2):237–256, 1997. see Erratum in J. ACM, Vol. 44, 1997, No. 4, 632–632.
- [20] Roni Kharon and Dan Roth. Learning to reason. *J. ACM*, 44(5):697–725, 1997.
- [21] Richard R. Koch, F.T. Leighton, Bruce M. Maggs, Satish B. Rao, Arnold L. Rosenberg, and Eric J. Schwabe. Work-preserving emulations of fixed-connection networks. *J. ACM*, 44(1):104–147, 1997.
- [22] Zhen Liu, Philippe Nain, and Don Towsley. Exponential bounds with applications to call admission. *J. ACM*, 44(3):366–394, 1997.
- [23] Gary L. Miller, Shang-Hua Teng, William Thurston, and Stephen A. Vavasis. Separators for sphere-packings and nearest neighbor graphs. *J. ACM*, 44(1):1–29, 1997.

- [24] Rolf H. Möhring, Matthias Müller-Hannemann, and Karsten Weihe. Mesh refinement via bidirected flows: Modeling, complexity, and computational results. *J. ACM*, 44(3):395–426, 1997.
- [25] Shinichi Morishita. Avoiding cartesian products for multiple joins. *J. ACM*, 44(1):57–85, 1997.
- [26] R. Sekar, I.V. Ramakrishnan, and P. Mishra. On the power and limitations of strictness analysis. *J. ACM*, 44(3):505–525, 1997.
- [27] Gudmund Skovbjerg Frandsen, Peter Bro Miltersen, and Sven Skyum. Dynamic word problems. *J. ACM*, 44(2):257–271, 1997.
- [28] Thomas H. Spencer. Time-work tradeoffs for parallel algorithms. *J. ACM*, 44(5):742–778, 1997.
- [29] Mechthild Stoer and Frank Wagner. A simple min-cut algorithm. *J. ACM*, 44(4):585–591, 1997.
- [30] Peter van Beek and Rina Dechter. Constraint tightness and looseness versus local and global consistency. *J. ACM*, 44(4):549–566, 1997. see Erratum in J. ACM, Vol. 50, 2003, No. 3, 277-279.
- [31] Jan van den Bussche, Dirk van Gucht, Marc Andries, and Marc Gyssens. On the completeness of object-creating database transformation languages. *J. ACM*, 44(2):272–319, 1997.
- [32] Robert A. Wagner. Evaluating uniform expressions within two steps of minimum parallel time. *J. ACM*, 44(2):345–361, 1997.
- [33] Hal Wasserman and Manuel Blum. Software reliability via run-time result-checking. *J. ACM*, 44(6):826–849, 1997.