

References

- [1] Miklós Ajtai and Yuri Gurevich. Monotone versus positive. *J. ACM*, 34(4):1004–1015, 1987, October.
- [2] Catriel Beeri and Michael Kifer. A theory of intersection anomalies in relational database schemes. *J. ACM*, 34(3):544–577, 1987, July.
- [3] Joshua J. Bloch, Dean S. Daniels, and Alfred Z. Spector. A weighted voting algorithm for replicated directories. *J. ACM*, 34(4):859–909, 1987, October.
- [4] A. Blumer, J. Blumer, D. Haussler, R. McConnell, and A. Ehrenfeucht. Complete inverted files for efficient text retrieval and analysis. *J. ACM*, 34(3):578–595, 1987, July.
- [5] Ronald V. Book and Ding-Zhu Du. The existence and density of generalized complexity cores. *J. ACM*, 34(3):718–730, 1987, July.
- [6] Gabriel Bracha. An $o(\log n)$ expected rounds randomized byzantine generals protocol. *J. ACM*, 34(4):910–920, 1987, October.
- [7] Stanley Cabay and Bart Domzy. Systems of linear equations with dense univariate polynomial coefficients. *J. ACM*, 34(3):646–660, 1987, July.
- [8] Edward P.F. Chan and Alberto O. Mendelzon. Answering queries on embedded-complete database schemes. *J. ACM*, 34(2):349–375, 1987.
- [9] B. Chazelle and D.P. Dobkin. Intersection of convex objects in two and three dimensions. *J. ACM*, 34(1):1–27, 1987.
- [10] R. Cole. Slowing down sorting networks to obtain faster sorting algorithms. *J. ACM*, 34(1):200–208, 1987.
- [11] Pierpaolo Degano and Ugo Montanari. A model for distributed systems based on graph rewriting. *J. ACM*, 34(2):411–449, 1987.
- [12] D. Dolev, C. Dwork, and L. Stockmeyer. On the minimal synchronism needed for distributed consensus. *J. ACM*, 34(1):77–97, 1987.
- [13] L. Donatiello and B.R. Iyer. Analysis of a composite performance reliability measure for fault-tolerant systems. *J. ACM*, 34(1):179–199, 1987.

- [14] G.N. Frederickson and N.A. Lynch. Electing a leader in a synchronous ring. *J. ACM*, 34(1):98–115, 1987.
- [15] Michael L. Fredman and Robert Endre Tarjan. Fibonacci heaps and their uses in improved network optimization algorithms. *J. ACM*, 34(3):596–615, 1987, July.
- [16] Zvi Galil, Christoph M. Hoffmann, Eugene M. Luks, Claus P. Schnorr, and Andreas Weber. An $o(n^3 \log n)$ deterministic and an $o(n^3)$ las vegas isomorphism test for trivalent graphs. *J. ACM*, 34(3):513–531, 1987, July.
- [17] Albert G. Greenberg, Philippe Flajolet, and Richard E. Ladner. Estimating the multiplicities of conflicts to speed their resolution in multiple access channels. *J. ACM*, 34(2):289–325, 1987.
- [18] D.S. Hirschberg and L.L. Larmore. New applications of failure functions. *J. ACM*, 34(3):616–625, 1987, July.
- [19] D.S. Hochbaum and D.B. Shmoys. Using dual approximation algorithms for scheduling problems: Theoretical and practical results. *J. ACM*, 34(1):144–162, 1987.
- [20] Steven Homer. Minimal degrees for polynomial reducibilities. *J. ACM*, 34(2):480–491, 1987.
- [21] Wen-Lian Hsu. Recognizing planar perfect graphs. *J. ACM*, 34(2):255–288, 1987.
- [22] Alfred Inselberg, Tuval Chomut, and Mordechai Reif. Complexity algorithms in parallel coordinates. *J. ACM*, 34(4):765–801, 1987, October.
- [23] Robert W. Irving, Paul Leather, and Dan Gusfield. An efficient algorithm for the “optimal” stable marriage. *J. ACM*, 34(3):532–543, 1987, July.
- [24] Donald B. Johnson. Parallel algorithms for minimum cuts and maximum flows in planar networks. *J. ACM*, 34(4):950–967, 1987, October.
- [25] Michael Kaminski. A linear time algorithm for residue computation and a fast algorithm for division with a sparse divisor. *J. ACM*, 34(4):968–984, 1987, October.

- [26] Yann-Hang Lee and Kang G. Shin. Optimal reconfiguration strategy for a degradable multimodule computing system. *J. ACM*, 34(2):326–348, 1987.
- [27] James McKenna. Asymptotic expansions of the sojourn time distribution functions of jobs in closed, product-form queuing networks. *J. ACM*, 34(4):985–1003, 1987, October.
- [28] Debasis Mitra and Randall A. Cieslak. Randomized parallel computations on an extension of the omega network. *J. ACM*, 34(4):802–824, 1987, October.
- [29] Neil V. Murray and Erik Rosenthal. Inference with path resolution and semantic graphs. *J. ACM*, 34(2):225–254, 1987.
- [30] Randolph Nelson. Stochastic catastrophe theory in computer performance modeling. *J. ACM*, 34(3):661–685, 1987, July.
- [31] Michio Oyamaguchi. The equivalence problem for real-time dpdas. *J. ACM*, 34(3):731–760, 1987, July.
- [32] Christos A. Papachristou. Associative table lookup processing for multioperand residue arithmetic. *J. ACM*, 34(2):376–396, 1987.
- [33] David Peleg. Concurrent dynamic logic. *J. ACM*, 34(2):450–479, 1987.
- [34] Georg Ch. Pflug and Hans W. Kessler. Linear probing with a nonuniform address distribution. *J. ACM*, 34(2):397–410, 1987.
- [35] J.H. Reif and L.G. Valiant. Logarithmic time sort for linear size networks. *J. ACM*, 34(1):60–76, 1987.
- [36] R. Reischuk. Simultaneous writes of parallel random access machines do not help to compute simple arithmetic functions. *J. ACM*, 34(1):163–178, 1987.
- [37] Y. Sagiv, C. Delobel, Jr. Parker, D.S., and Ronald Fagin. Correction to “an equivalence between relational database dependencies and a fragment of propositional logic”. *J. ACM*, 34(4):1016–1018, 1987, October.
- [38] T.K. Srikanth and Sam Toueg. Optimal clock synchronization. *J. ACM*, 34(3):626–645, 1987, July.

- [39] Rajan Suri. Infinitesimal perturbation analysis for general discrete event systems. *J. ACM*, 34(3):686–717, 1987, July.
- [40] Shu Tezuka. On the discrepancy of gfsr pseudorandom numbers. *J. ACM*, 34(4):939–949, 1987, October.
- [41] Prasoon Tiwari. Lower bounds on communication complexity in distributed computer networks. *J. ACM*, 34(4):921–938, 1987, October.
- [42] Y. Toyama. On the church-rosser property for the direct sum of term rewriting systems. *J. ACM*, 34(1):128–143, 1987.
- [43] E. Upfal and A. Wigderson. How to share memory in a distributed system. *J. ACM*, 34(1):116–127, 1987.
- [44] A. Urquhart. Hard examples for resolution. *J. ACM*, 34(1):209–219, 1987.
- [45] K.N. Venkataraman. Decidability of the purely existential fragment of the theory of term algebras. *J. ACM*, 34(2):492–510, 1987.
- [46] V. Vianu. Dynamic functional dependencies and database aging. *J. ACM*, 34(1):28–59, 1987.
- [47] Jeffrey Scott Vitter. Design and analysis of dynamic huffman codes. *J. ACM*, 34(4):825–845, 1987, October.
- [48] Dan E. Willard. Multidimensional search trees that provide new types of memory reductions. *J. ACM*, 34(4):846–858, 1987, October.