References

[1] K.R. Apt. Formal justification of a proof system for communicating sequential processes. *J. ACM*, 30(1):197–216, 1983.

[2] E. Arjomandi, M.J. Fischer, and N.A. Lynch. Efficiency of synchronous versus asynchronous distributed systems. *J. ACM*, 30(3):449–456, 1983.

[3] G. Ausiello, A. d'Atri, and D. Saccá. Graph algorithms for functional dependency manipulation. *J. ACM*, 30(4):752–766, 1983.

[4] A. Bagchi and A. Mahanti. Search algorithms under different kinds of heuristics - a comparative study. *J. ACM*, 30(1):1–21, 1983.

[5] C. Beeri, R. Fagin, D. Maier, and M. Yannakakis. On the desirability of acyclic database schemes. *J. ACM*, 30(3):479–513, 1983.

[6] D. Brand and P. Zafiropulo. On communicating finite-state machines. *J. ACM*, 30(2):323–342, 1983.

[7] K.M. Chandy and A.J. Martin. A characterization of product-form queuing networks. *J. ACM*, 30(2):286–299, 1983.

[8] Jr. Clarke, E.M., S.M. German, and J.Y. Halpern. Effective axiomatizations of hoare logics. *J. ACM*, 30(3):612–636, 1983.

[9] Jr. Coffman, E.G. and R. Sethi. Instruction sets for evaluating arithmetic expressions. *J. ACM*, 30(3):457–478, 1983.

[10] D. de Champeaux. Bidirectional heuristic search again. *J. ACM*, 30(1):22–32, 1983.

[11] R. Fagin. Degrees of acyclicity for hypergraphs and relational database schemes. *J. ACM*, 30(3):514–550, 1983.

[12] S. Fortune, D. Leivant, and M. O'Donnell. The expressiveness of simple and second-order type structures. *J. ACM*, 30(1):151–185, 1983.

[13] G.N. Frederickson. Implicit data structures for the dictionary problem. *J. ACM*, 30(1):80–94, 1983.

[14] G. Gati. The complexity of solving polynomial equations by quadrature. *J. ACM*, 30(3):637–640, 1983.

[15] B. Gavish. Formulations and algorithms for the capacitated minimal directed tree problem. *J. ACM*, 30(1):118–132, 1983.

[16] N. Goodman and O. Shmueli. Syntactic characterization of tree database schemas. *J. ACM*, 30(4):767–786, 1983.

[17] D. Gusfield. Parametric combinatorial computing and a problem of program module distribution. *J. ACM*, 30(3):551–563, 1983.

[18] B. Hajek. The proof of a folk theorem on queuing delay with applications to routing in networks. *J. ACM*, 30(4):834–851, 1983.

[19] J.-W. Hong, K. Mehlhorn, and A.L. Rosenberg. Cost trade-offs in graph embedding, with applications. *J. ACM*, 30(4):709–728, 1983.

[20] T. Ibaraki, H.M. Abdel-Wahab, and T. Kameda. Design of minimum-cost deadlock-free systems. *J. ACM*, 30(4):736–751, 1983.

[21] O.H. Ibarra and B.S. Leininger. On the simplification and equivalence problems for straight-line programs. *J. ACM*, 30(3):641–656, 1983.

[22] O.H. Ibarra and S. Moran. Probabilistic algorithms for deciding equivalence of straigth-line programs. *J. ACM*, 30(1):217–228, 1983.

[23] J.M. Jaffe. Decentralized simulation of resource managers. *J. ACM*, 30(2):300–322, 1983.

[24] J. Jájá. Time-space trade-offs for some algebraic problems. *J. ACM*, 30(3):657–667, 1983.

[25] R. Kannan. Polynomial-time aggregation of integer programming problems. *J. ACM*, 30(1):133–145, 1983.

[26] Z.M. Kedem and A. Silberschatz. Locking protocols: From exclusive to shared locks. *J. ACM*, 30(4):787–804, 1983.

[27] A. Klug. Locking expressions for increased database concurrency. *J. ACM*, 30(1):36–54, 1983.

[28] H.F. Korth. Locking primitives in a database system. *J. ACM*, 30(1):55–79, 1983.

[29] Y. Krevner and A. Yehudai. An iteration theorem for simple precedence languages. *J. ACM*, 30(4):820–833, 1983.

[30] L. Lamport. The weak byzantine generals problem. *J. ACM*, 30(3):668–676, 1983.

[31] P.-Å. Larson. Analysis of uniform hashing. *J. ACM*, 30(4):805–819, 1983.

[32] R.E. Lord, J.S. Kowalik, and S.P. Kumar. Solving linear algebraic equations on an mimd computer. *J. ACM*, 30(1):103–117, 1983.

[33] D.W. Matula and L.L. Beck. Smallest-last ordering and clustering and graph coloring algorithms. *J. ACM*, 30(3):417–427, 1983.

[34] H.A. Maurer, A. Salomaa, and D. Wood. A supernormal-form theorem for context-free grammars. *J. ACM*, 30(1):95–102, 1983.

[35] N. Megiddo. Applying parallel computation algorithms in the design of serial algorithms. *J. ACM*, 30(4):852–865, 1983.

[36] D.S. Nau. Decision quality as a function of search depth on game trees. *J. ACM*, 30(4):687–708, 1983.

[37] C.F. Nourani. Abstract implementations and their correctness proofs. *J. ACM*, 30(2):343–359, 1983.

[38] J.-C. Raoult and R. Sethi. Properties of a notation for combining functions. *J. ACM*, 30(3):595–611, 1983.

[39] A.L. Rosenberg. Three-dimensional vlsi: A case study. *J. ACM*, 30(3):397–416, 1983.

[40] D.V. Sarwate. A note on "a note on multiple error detection in ascii numeric data communication". *J. ACM*, 30(1):33–35, 1983.

[41] R. Schassberger and H. Daduna. The time for a round trip in a cycle of exponential queues. *J. ACM*, 30(1):146–150, 1983.

[42] S. Sippu, E. Soisalon-Soininen, and E. Ukkonen. The complexity of lalr(k) testing. *J. ACM*, 30(2):259–270, 1983.

[43] G.W. Stewart. Computable error bounds for aggregated markov chains. *J. ACM*, 30(2):271–285, 1983.

[44] H.R. Strong. Vector execution of flow graphs. *J. ACM*, 30(1):186–196, 1983.

[45] K.J. Supowit. The relative neighborhood graph, with an application to minimum spanning trees. *J. ACM*, 30(3):428–448, 1983.

[46] R. Suri. Robustness of queuing network formulas. *J. ACM*, 30(3):564–594, 1983.

[47] M. Tarsi. Optimal search on some game trees. *J. ACM*, 30(3):389–396, 1983.

[48] J.S. Vitter. Analysis of the search performance of coalesced hashing. *J. ACM*, 30(2):231–258, 1983.

[49] A. Wigderson. Improving the performance guarantee for approximate graph coloring. *J. ACM*, 30(4):729–735, 1983.

[50] M.-R. Xu, J.E. Doner, and R.V. Book. Refining nondeterminism in relativizations of complexity classes. *J. ACM*, 30(3):677–685, 1983.