

References

- [1] B.S. Baker and S.R. Kosaraju. A comparison of multilevel break and next statements. *J. ACM*, 26:555–566, 1979.
- [2] G. Beery and J.-J. Lévy. Minimal and optimal computations of recursive programs. *J. ACM*, 26:148–176, 1979.
- [3] T. Beyer, W. Jones, and S. Mitchell. Linear algorithms for isomorphism of maximal outerplanar graphs. *J. ACM*, 26:603–610, 1979.
- [4] U.N. Bhat and R.E. Nance. An evaluation of cpu efficiency under dynamic quantum allocation. *J. ACM*, 26:761–778, 1979.
- [5] A. Bolour. Optimality properties of multiple-key hashing functions. *J. ACM*, 26:196–210, 1979.
- [6] M.R. Brown and R.E. Tarjan. A fast merging algorithm. *J. ACM*, 26:211–226, 1979.
- [7] T.D. Bui. Some a-stable and l-stable methods for the numerical integration of stiff ordinary differential equations. *J. ACM*, 26:483–493, 1979.
- [8] J. Bustoz, A. Feldstein, R. Goodman, and S. Linnainmaa. Improved trailing digits estimates applied to optimal computer arithmetic. *J. ACM*, 26:716–730, 1979.
- [9] J.C. Butcher. A transformed implicit runge-kutta method. *J. ACM*, 26:731–738, 1979.
- [10] J.C. Cherniavsky and S.N. Kamin. A complete and consistent hoare axiomatics for a simple programming language. *J. ACM*, 26:119–128, 1979.
- [11] Jr. Clarke, E.M. Programming language constructs for which it is impossible to obtain good hoare axiom systems. *J. ACM*, 26:129–147, 1979.
- [12] J. Cohen and T. Hickey. Two algorithms for determining volumes of convex polyhedra. *J. ACM*, 26:401–414, 1979.

- [13] K. Culik II. A purely homomorphic characterization of recursively enumerable sets. *J. ACM*, 26:345–350, 1979.
- [14] G.S. Fishman and L.R. Moore. Estimating the mean of a correlated binary sequence with an application to discrete event simulation. *J. ACM*, 26:82–94, 1979.
- [15] G.N. Frederickson. Approximation algorithms for some postman problems. *J. ACM*, 26:538–554, 1979.
- [16] F. Fussenegger and H.N. Gabow. A counting approach to lower bounds for selection problems. *J. ACM*, 26:227–238, 1979.
- [17] Z. Galil and N. Megiddo. A fast selection algorithm and the problem of optimum distribution of effort. *J. ACM*, 26:58–64, 1979.
- [18] E. Gelenbe. On the optimum checkpoint interval. *J. ACM*, 26:259–270, 1979.
- [19] J.L. Gross and R.H. Rosen. A linear time planarity algorithm for 2-complexes. *J. ACM*, 26:611–617, 1979.
- [20] U. Gupta. Bounds on storage for consecutive retrieval. *J. ACM*, 26:28–36, 1979.
- [21] E.M. Gurari and O.H. Ibarra. An np -complete number-theoretic problem. *J. ACM*, 26:567–581, 1979.
- [22] L.J. Henschen. Theorem proving by covering expressions. *J. ACM*, 26:385–400, 1979.
- [23] F.K. Hwang. An $o(n \log n)$ algorithm for rectilinear minimal spanning trees. *J. ACM*, 26:177–182, 1979.
- [24] D.I. Iglehart and P.A.W. Lewis. Regenerative simulation with internal controls. *J. ACM*, 26:271–282, 1979.
- [25] D.B. Johnson, W. Miller, B. Minnihan, and C. Wrathall. Reducibility among floating-point graphs. *J. ACM*, 26:739–760, 1979.
- [26] B. Kacwicz. Integrals with a kernel in the solution of nonlinear equations in n dimensions. *J. ACM*, 26:239–249, 1979.

- [27] Z.M. Kedem. Combining dimensionality and rate of growth arguments for establishing lower bounds on the number of multiplications and divisions. *J. ACM*, 26:582–602, 1979.
- [28] T. Kowaltowski. Data structures and correctness of programs. *J. ACM*, 26:283–301, 1979.
- [29] D.T. Lee and F.P. Preparata. An optimal algorithm for finding the kernel of a polygon. *J. ACM*, 26:415–421, 1979.
- [30] J.M. Lemme and J.R. Rice. Speedup in parallel algorithms for adaptive quadrature. *J. ACM*, 26:65–71, 1979.
- [31] L. Logrippo. Renamings, maximal parallelism, and space-time tradeoff in program schemata. *J. ACM*, 26:819–833, 1979.
- [32] G.S. Lueker and K.S. Booth. A linear time algorithm for deciding interval graph isomorphism. *J. ACM*, 26:183–195, 1979.
- [33] G.K. Manacher. The ford-johnson sorting algorithm is not optimal. *J. ACM*, 26:441–456, 1979.
- [34] G.K. Manacher. Significant improvements to the hwang-lin merging algorithm. *J. ACM*, 26:434–440, 1979.
- [35] H. Mendelson and U. Yechiali. Performance measures for ordered lists in random-access files. *J. ACM*, 26:654–667, 1979.
- [36] A.O. Mendelzon. On axiomatizing multivalued dependencies in relational databases. *J. ACM*, 26:37–44, 1979.
- [37] G. Milne and R. Milner. Concurrent processes and their syntax. *J. ACM*, 26:302–321, 1979.
- [38] R. Milner. Flowgraphs and flow algebras. *J. ACM*, 26:794–818, 1979.
- [39] A.S. Noetzel. A generalized queueing discipline for product form network solutions. *J. ACM*, 26:779–793, 1979.
- [40] C.H. Papadimitriou. Optimality of the fast fourier transform. *J. ACM*, 26:95–102, 1979.

- [41] C.H. Papadimitriou. The serializability of concurrent database updates. *J. ACM*, 26(4):631–653, 1979.
- [42] R. Parchmann. Control system model for critically timed sources. *J. ACM*, 26:1–5, 1979. see Corrigendum in *J. ACM* 27, 402.
- [43] N. Pippenger and M.J. Fischer. Relations among complexity measures. *J. ACM*, 26:361–384, 1979.
- [44] S.P. Reiss. Security in databases; a combinatorial study. *J. ACM*, 26:45–57, 1979.
- [45] G.H. Rodrigue, N.K. Madsen, and J.I. Karush. Odd-even reduction for banded linear equations. *J. ACM*, 26:72–81, 1979.
- [46] B.K. Rosen. Data flow analysis for procedural languages. *J. ACM*, 26:322–344, 1979.
- [47] A.L. Rosenberg. Encoding data structures in trees. *J. ACM*, 26:668–689, 1979.
- [48] W.J. Savitch and M.J. Stimson. Time bounded random access machines with parallel processing. *J. ACM*, 26:103–118, 1979.
- [49] R.E. Shostak. A practical decision procedure for arithmetic with function symbols. *J. ACM*, 26:351–360, 1979.
- [50] R.D. Skeel. Scaling for numerical stability in gaussian elimination. *J. ACM*, 26:494–526, 1979.
- [51] A.J. Smith. Characterizing the storage process and its effect on the update of main memory by write through. *J. ACM*, 26:6–27, 1979.
- [52] H.R. Strong, G. Markowsky, and A.K. Chandra. Search within a page. *J. ACM*, 26:457–482, 1979.
- [53] K.-C. Tai. The tree-to-tree correction problem. *J. ACM*, 26:422–433, 1979.
- [54] J.F. Traub and H. Woźniakowski. Convergence and complexity of newton iteration for operator equations. *J. ACM*, 26:250–258, 1979.

- [55] A.G. Werschulz. Maximal order and order of information for numerical quadrature. *J. ACM*, 26:527–537, 1979.
- [56] M. Yannakakis. The effect of a connectivity requirement on the complexity of maximum subgraph problems. *J. ACM*, 26:618–630, 1979.