References

[1] StÅl Aanderaa and Patrick C. Fischer. The solvability of the halting problem for 2-state post machines. *J. ACM*, 14:677–682, 1967.

[2] Bruce H. Barnes and John M. Fitzgerald. Minimal experiments for input-independent machines. *J. ACM*, 14:683–686, 1967.

[3] Manuel Blum. A machine-independent theory of the complexity of recursive functions. *J. ACM*, 14(2):322–336, 1967, April.

[4] Carl H. Brans. A computer program for the nonnumerical testing and reduction of sets of algebraic partial differential equations. *J. ACM*, 14:45–62, 1967.

[5] D.G. Brush, J.J. Kohfeld, and G.T. Thompson. Solution of ordinary differential equations using two "off-step" points. *J. ACM*, 14:769–784, 1967.

[6] J.A. Brzozowski. Roots of star events. *J. ACM*, 14:466–477, 1967.

[7] John C. Butcher. A multistep generalization of runge-kutta methods with four or five stages. *J. ACM*, 14:84–99, 1967.

[8] A.B. Carroll and R.T. Wetherald. Applications of parallel processing to numerical weather prediction. *J. ACM*, 14(3):591–614, 1967, July.

[9] Bruce A. Chartres and James C. Geuder. Computable error bounds for direct solution of linear equations. *J. ACM*, 14:63–71, 1967.

[10] J.T. Chu and J.C. Chuer. Error probability in decision functions for character recognition. *J. ACM*, 14:273–280, 1967.

[11] George E. Collins. Subresultants and reduced polynomial remainder sequences. *J. ACM*, 14:128–142, 1967.

[12] R.R. Coveyou and R.D. Macpherson. Fourier analysis of uniform random number generators. *J. ACM*, 14:100–119, 1967.

[13] C.W. Cryer. On the numerical solution of a quasi-linear elliptic equation. *J. ACM*, 14:363–375, 1967.

[14] Robert A. Fairthorne. Morphology of "information flow". *J. ACM*, 14:710–719, 1967.

[15] Robert W. Floyd. Nondeterministic algorithms. *J. ACM*, 14:636–644, 1967.

[16] Jr. Gaver, D.P. Probability models for multiprogramming computer systems. *J. ACM*, 14:423–438, 1967.

[17] Arthur Gill and J. Robert Flexer. Periodic decomposition of sequential machines. *J. ACM*, 14:666–676, 1967.

[18] Seymour Ginsburg, Sheila A. Greibach, and Michael A. Harrison. One-way stack automata. *J. ACM*, 14:389–418, 1967.

[19] Seymour Ginsburg, Sheila A. Greibach, and Michael A. Harrison. Stack automata and compiling. *J. ACM*, 14:172–201, 1967.

[20] A. Ginzburg. A procedure for checking equality of regular expressions. *J. ACM*, 14(2):355–362, 1967, April.

[21] J. Hartmanis. On memory requirements for context-free language recognition. *J. ACM*, 14:663–665, 1967.

[22] J.S. Hicks and J. Wei. Numerical solution of parabolic partial differential equations with two-point boundary conditions by use of the method of lines. *J. ACM*, 14:549–562, 1967.

[23] Richard M. Karp. Some bounds on the storage requirements of sequential machines and turing machines. *J. ACM*, 14:478–489, 1967.

[24] R.M. Karp, R.E. Miller, and S. Winograd. The organization of computations for uniform recurrence equations. *J. ACM*, 14(3):563–590, 1967, July.

[25] Victor Klee. A method for constructing circuit codes. *J. ACM*, 14:520–528, 1967.

[26] Leonard Kleinrock. Time-shared systems: A theoretical treatment. *J. ACM*, 14:242–261, 1967.

[27] Donald E. Knuth and Richard H. Bigelow. Programming languages for automata. *J. ACM*, 14:615–635, 1967.

[28] J.J. Kohfeld and G.T. Thompson. Multistep methods with modified predictors and correctors. *J. ACM*, 14:155–166, 1967.

[29] Fred T. Krogh. A test for instability in the numerical solution of ordinary differential equations. *J. ACM*, 14:351–354, 1967.

[30] P.A.W. Lewis, P.B. Baxendale, and J.L. Bennett. Statistical discrimination of the synonymy/antonymy relationship between words. *J. ACM*, 14:20–44, 1967.

[31] G.K. Manacher. Production and stabilization of real-time task schedules. *J. ACM*, 14:439–465, 1967.

[32] O.G. Mancino. Resolution by iteration of some nonlinear systems. *J. ACM*, 14:341–350, 1967.

[33] David Martin and Gerald Estrin. Models of computation and systems - evaluation of vertex probabilities in graph models of computations. *J. ACM*, 14:281–299, 1967.

[34] Robert McNaughton. Parenthesis grammars. *J. ACM*, 14:490–500, 1967.

[35] Robert C. Minnick. A survey of microcellular research. *J. ACM*, 14:203–241, 1967.

[36] Cleve B. Moler. Iterative refinement in floating point. *J. ACM*, 14:316–321, 1967.

[37] J.B. Moore. A convergent algorithm for solving polynomial equations. *J. ACM*, 14:311–315, 1967.

[38] Frederic J. Mowle. An algorithm for generating stable feedback shift registers of order n. *J. ACM*, 14:529–542, 1967.

[39] Alan Natapoff. Irreducible topological components of an arbitrary boolean truth function and generation of their minimal coverings. *J. ACM*, 14:376–381, 1967.

[40] P.L. Odell and H.P. Decell. On computing the fixed-point probability vector of ergodic transition matrices. *J. ACM*, 14:765–768, 1967.

[41] I. Oliver. Analysis of factorial experiments using generalized matrix operations. *J. ACM*, 14:508–519, 1967.

[42] M.C. Pease. Matrix inversion using parallel processing. *J. ACM*, 14(4):757–764, 1967, October.

[43] Alan J. Perlis. The synthesis of algorithmic systems. *J. ACM*, 14:1–9, 1967.

[44] H.E. Pickett. Note concerning the algebraic theory of automata. *J. ACM*, 14:382–388, 1967.

[45] Lewis T. Reinwald and Richard M. Soland. Conversion of limited-entry decision tables to optimal computer programs ii: Minimum storage requirement. *J. ACM*, 14:742–756, 1967.

[46] J.L. Rigal and J. Gaches. On the compatibility of a given solution with the data of a linear system. *J. ACM*, 14:543–548, 1967.

[47] Arnold L. Rosenberg. Real-time definable languages. *J. ACM*, 14:645–662, 1967.

[48] Daniel J. Rosenkrantz. Matrix equations and normal forms for context-free grammars. *J. ACM*, 14:501–507, 1967.

[49] Marvin B. Shapiro. An algorithm for reconstructing protein and rna sequences. *J. ACM*, 14:720–731, 1967.

[50] Brian Shaw. Modified multistep methods based on a nonpolynomial interpolant. *J. ACM*, 14:143–154, 1967.

[51] Jack E. Shemer. Some mathematical considerations of time-sharing scheduling algorithms. *J. ACM*, 14:262–272, 1967.

[52] V.G. Sigillito. On a continuous method of approximating solutions of the heat equation. *J. ACM*, 14:732–741, 1967.

[53] James R. Slagle. Automatic theorem proving with renamable and semantic resolution. *J. ACM*, 14:687–697, 1967.

[54] G.W. Stewart III. A modification of davidon's minimization method to accept difference approximations of derivatives. *J. ACM*, 14:72–83, 1967.

[55] A. van Gelder. Some new results in pseudo-random number generation. *J. ACM*, 14:785–792, 1967.

[56] William M. Waite. Path detection in multidimensional iterative arrays. *J. ACM*, 14:300–310, 1967.

[57] W.J. Westlake. A uniform random number generator based on the combination of two congruential generators. *J. ACM*, 14:337–340, 1967.

[58] S. Winograd. On the time required to perform multiplication. *J. ACM*, 14(4):793–802, 1967, October.

[59] Lawrence Wos, George A. Robinson, Daniel F. Carson, and Leon Shalla. The concept of demodulation in theorem proving. *J. ACM*, 14:698–709, 1967.

[60] Marvin C. Wunderlich. Sieving procedures on a digital computer. *J. ACM*, 14:10–19, 1967.

[61] Ann Yasuhara. A remark on post normal systems. *J. ACM*, 14:167–171, 1967.

[62] Tzay Y. Youn. Binomial-weighted orthogonal polynomials. *J. ACM*, 14:120–127, 1967.