References

[1] Serge Abiteboul and Richard Hull. Restructuring hierarchical database objects. *Theor. Comput. Sci.*, 62:3–38, 1988.

[2] Farid M. Ablyv. The complexity properties of probabilistic automata with isolated cut point. *Theor. Comput. Sci.*, 57:87–95, 1988.

[3] Werner Alexi. Extraction and verification of programs by analysis of formal proofs. *Theor. Comput. Sci.*, 61:225–258, 1988.

[4] Pierre America and Jaco de Bakker. Designing equivalent semantic models for process creation. *Theor. Comput. Sci.*, 60:109–176, 1988.

[5] André Arnold. Logical definability of fixed points. *Theor. Comput. Sci.*, 61:289–297, 1988.

[6] D. Arques, J. Françon, M.T. Guichet, and P. Guichet. Comparison of algorithms controlling concurrent access to a database: A combinatorial approach. *Theor. Comput. Sci.*, 58:3–16, 1988.

[7] Paolo Atzeni and D. Stott Parker. Set containment inference and syllogisms. *Theor. Comput. Sci.*, 62:39–65, 1988.

[8] Amir Averbuch, Zvi Galil, and Shmuel Winograd. Classification of all the minimal bilinear algorithms for computing the coefficients of the product of two polynomials modulo a polynomial, part i: The algebra $g[u]/ < q(u)^l >, l > 1$. *Theor. Comput. Sci.*, 58:17–56, 1988.

[9] Armon Avron. The semantics and proof theory of linear logic. *Theor. Comput. Sci.*, 57:161–184, 1988.

[10] Marie Pierre Beal. Codes circulaires, automates locaux et entropie. *Theor. Comput. Sci.*, 57:283–302, 1988.

[11] Micheal J. Beeson. Towards a computation system based on set theory. *Theor. Comput. Sci.*, 60:297–340, 1988.

[12] Edward G. Belaga. Bilinear mincing rank. *Theor. Comput. Sci.*, 61:299–306, 1988.

[13] Ronald V. Book and Ding-Zhu Du. The structure of generalized complexity cores. *Theor. Comput. Sci.*, 61:103–119, 1988.

[14] Allan Borodin, Faith E. Fich, Friedhelm Meyer auf der Heide, Eli Upfal, and Avi Wigderson. A tradeoff between search and update time for the implicit dictionary problem. *Theor. Comput. Sci.*, 58:57–68, 1988.

[15] Pier Giorgio Bosco, Elio Giovannetti, and Corrado Moiso. Narrowing vs. sld-resolution. *Theor. Comput. Sci.*, 59:3–23, 1988.

[16] G. Boudol and I. Castellani. Concurrency and atomicity. *Theor. Comput. Sci.*, 59:25–84, 1988.

[17] Franz J. Brandenburg. On the intersection of stacks and queues. *Theor. Comput. Sci.*, 58:69–80, 1988.

[18] Val Breazu-Tannen and Thierry Coquand. Extensional models for polymorphism. *Theor. Comput. Sci.*, 59:85–114, 1988.

[19] M.C. Browne, E.M. Clarke, and O. Grümberg. Characterizing finite kripke structures in propositional temporal logic. *Theor. Comput. Sci.*, 59:115–131, 1988.

[20] Manfred Broy. Equational specification of partial higher-order algebras. *Theor. Comput. Sci.*, 57:3–45, 1988.

[21] Samuel R. Buss and György Turán. Resolution proofs of generalized pigeonhole principles. *Theor. Comput. Sci.*, 62:311–317, 1988.

[22] Arturo Carpi. On synchronizing unambiguous automata. *Theor. Comput. Sci.*, 60:285–296, 1988.

[23] Edward P.F. Chan and Héctor J. Hernández. On the desirability of γ-acyclic bcnf database schemes. *Theor. Comput. Sci.*, 62:67–104, 1988.

[24] C. Choffrut and M.P. Schutzenberger. Counting with rational functions. *Theor. Comput. Sci.*, 58:81–101, 1988.

[25] Robert Cori, Eric Sopena, Michel Latteux, and Yves Roos. 2-asynchronous automata. *Theor. Comput. Sci.*, 61:93–102, 1988.

[26] Elias Dahlhaus and Marek Karpinski. Parallel construction of perfect matchings and hamiltonian cycles of dense graphs. *Theor. Comput. Sci.*, 61:121–136, 1988.

[27] Clelia De Felice. Finite biprefix sets of paths in a graph. *Theor. Comput. Sci.*, 58:103–128, 1988.

[28] Giuseppe Di Battista and Roberto Tamassia. Algorithms for plane representations of acyclic digraphs. *Theor. Comput. Sci.*, 61:175–198, 1988.

[29] Pál Dömösi and Zoltán ésik. Critical classes for the α_0-product. *Theor. Comput. Sci.*, 61:17–24, 1988.

[30] Wlodzimierz Drabent and Jan Maluszyński. Inductive assertion method for logic programs. *Theor. Comput. Sci.*, 59:133–155, 1988.

[31] G. Duchamp and J.Y. Thibon. Théorème de transfert pour les polynômes partiellement commutatifs. *Theor. Comput. Sci.*, 57:239–249, 1988.

[32] Jean-Pierre Duval. Génération d'une section des classes de conjugaison et arbre des mots de lyndon de longueur bornée. *Theor. Comput. Sci.*, 60:255–283, 1988.

[33] Tali Eilam-Tzoreff and Uzi Vishkin. Matching patterns in strings subject to multi-linear transformations. *Theor. Comput. Sci.*, 60:231–254, 1988.

[34] Joost Engelfriet and George Leih. Nonterminal bounded nlc graph grammars. *Theor. Comput. Sci.*, 59:309–315, 1988.

[35] George Gargov and Solomon Passy. Determinism and looping in combinatory pdl. *Theor. Comput. Sci.*, 61:259–277, 1988.

[36] Villiam Geffert. A representation of recursively enumerable languages by two homomorphisms and a quotient. *Theor. Comput. Sci.*, 62:235–249, 1988.

[37] Jay L. Gischer. The equational theory of pomsets. *Theor. Comput. Sci.*, 61:199–224, 1988.

[38] Jerrold W. Grossman and R. Suzanne Zeitman. An inherently iterative computation of ackermann's function. *Theor. Comput. Sci.*, 57:327–330, 1988.

[39] Juris Hartmanis and Lane A. Hemachandra. Complexity classes without machines: On complete languages for up. *Theor. Comput. Sci.*, 58:129–142, 1988.

[40] Kosaburo Hashiguchi. Notes on congruence relations and factor pumping conditions for rational languages. *Theor. Comput. Sci.*, 57:303–316, 1988.

[41] Xin He. A nearly optimal parallel algorithm for constructing maximal independent set in planar graphs. *Theor. Comput. Sci.*, 61:33–47, 1988.

[42] Wim H. Hesselink. Deadlock and fairness in morphisms of transition systems. *Theor. Comput. Sci.*, 59:235–257, 1988.

[43] Wim H. Hesselink. Interpretations of recursion under unbounded nondeterminacy. *Theor. Comput. Sci.*, 59:211–234, 1988.

[44] A. Scottedward Hodel and Michael C. Loui. Optimal dynamic embedding of x-trees into arrays. *Theor. Comput. Sci.*, 59:259–276, 1988.

[45] Juraj Hromkovič. The advantages of a new approach to defining the communication complexity for vlsi. *Theor. Comput. Sci.*, 57:97–111, 1988.

[46] Oscar H. Ibarra and Tao Jiang. Relating the power of cellular arrays to their closure properties. *Theor. Comput. Sci.*, 57:225–238, 1988.

[47] Oscar H. Ibarra and Michael A. Palis. Two-dimensional iterative arrays: Characterizations and applications. *Theor. Comput. Sci.*, 57:47–86, 1988.

[48] Stasys P. Jukna. Entropy of contact circuits and lower bounds on their complexity. *Theor. Comput. Sci.*, 57:113–129, 1988.

[49] K. Kalorkoti. The trace invariant and matrix inversion. *Theor. Comput. Sci.*, 59:277–286, 1988.

[50] K.N. King. Alternating multihead finite automata. *Theor. Comput. Sci.*, 61:149–174, 1988.

[51] Peter Kirschenhofer and Helmut Prodinger. Further results on digital search trees. *Theor. Comput. Sci.*, 58:143–154, 1988.

[52] Sarit Kraus and Daniel Lehmann. Knowledge, belief and time. *Theor. Comput. Sci.*, 58:155–174, 1988.

[53] Thomas Kretschmer. A closure property of regular languages. *Theor. Comput. Sci.*, 61:283–287, 1988.

[54] W. Kuich. Matrix systems and principal cones of algebraic power series. *Theor. Comput. Sci.*, 57:147–152, 1988.

[55] Y. Lafont. The linear abstract machine. *Theor. Comput. Sci.*, 59:157–180, 1988. see Corrigendum in Theor. Comput. Sci. 62, 327-328.

[56] V.S. Lakshmanan. Split-freedom and mvd-intersection: A new characterization of multivalued dependencies having conflict-free covers. *Theor. Comput. Sci.*, 62:105–122, 1988.

[57] Klaus-Jörn Lange. Decompositions of nondeterministic reductions. *Theor. Comput. Sci.*, 58:175–181, 1988.

[58] Björn Lisper. Synthesis and equivalence of concurrent systems. *Theor. Comput. Sci.*, 58:183–199, 1988.

[59] Nancy Lynch and Michael Merritt. Introduction to the theory of nested transactions. *Theor. Comput. Sci.*, 62:123–185, 1988.

[60] Nimrod Megiddo and Uzi Vishkin. On finding a minimum dominating set in a tournament. *Theor. Comput. Sci.*, 61:307–316, 1988.

[61] Christoph Meinel. The power of nondeterminism in polynomial-size bounded-width branching programs. *Theor. Comput. Sci.*, 62:319–325, 1988.

[62] Y. Métivier. On recognizable subsets of free partially commutative monoids. *Theor. Comput. Sci.*, 58:201–208, 1988.

[63] J.-J.Ch. Meyer and E.P. de Vink. Applications of compactness in the smyth powerdomain of streams. *Theor. Comput. Sci.*, 57:251–282, 1988.

[64] Ivan Mezník. On a subclass of ∞-regular languages. *Theor. Comput. Sci.*, 61:25–32, 1988.

[65] B. Monien and I.H. Sudborough. Min cut is np-complete for edge weighted trees. *Theor. Comput. Sci.*, 58:209–229, 1988.

[66] Tetsuo Moriya and Hideki Yamasaki. Accepting conditions for automata on ω-languages. *Theor. Comput. Sci.*, 61:137–147, 1988.

[67] Jean-Pierre Pecuchet. Etude syntaxique des parties reconnaissables de mots infinis. *Theor. Comput. Sci.*, 58:231–248, 1988.

[68] Laurent Pierre and Jean-Marc Farinone. Rational index of context-free languages in $\exp \Theta(\sqrt[p]{n})$ and $n^{\Theta(\ln n)^{\frac{1}{p}}}$. *Theor. Comput. Sci.*, 57:185–204, 1988.

[69] Nageswara S.V. Rao, S.S. Iyengar, and R.L. Kashyap. An average-case analysis of mat and inverted file. *Theor. Comput. Sci.*, 62:251–266, 1988.

[70] G.M. Reed and A.W. Roscoe. A timed model for communicating sequential processes. *Theor. Comput. Sci.*, 58:249–261, 1988.

[71] Simona Ronchi della Rocca. Principal type scheme and unification for intersection type discipline. *Theor. Comput. Sci.*, 59:181–209, 1988.

[72] A.W. Roscoe and C.A.R. Hoare. The laws of occam programming. *Theor. Comput. Sci.*, 60:177–229, 1988.

[73] Louis E. Rosier and Hsu-Chun Yen. On the complexity of deciding fair termination of probabilistic concurrent finite-state programs. *Theor. Comput. Sci.*, 58:263–324, 1988.

[74] Wojciech Rytter. On efficient parallel computations for some dynamic programming problems. *Theor. Comput. Sci.*, 59:297–307, 1988.

[75] Domenico Saccà and Carlo Zaniolo. The generalized counting method for recursive logic queries. *Theor. Comput. Sci.*, 62:187–220, 1988.

[76] Kai Salomaa. A pumping result for 2-context-free languages. *Theor. Comput. Sci.*, 62:267–287, 1988.

[77] Manfred Schmidt-Schauss. Implication of clauses is undecidable. *Theor. Comput. Sci.*, 59:287–296, 1988.

[78] C.-J. Seger and J.A. Brzozowski. An optimistic ternary simulation of gate races. *Theor. Comput. Sci.*, 61:49–66, 1988.

[79] Jeffrey Shallit. A generalization of automatic sequences. *Theor. Comput. Sci.*, 61:1–16, 1988.

[80] Klaus Simon. An improved algorithm for transitive closure on acyclic digraphs. *Theor. Comput. Sci.*, 58:325–346, 1988.

[81] Wladyslaw Skarbek. Generating ordered trees. *Theor. Comput. Sci.*, 57:153–159, 1988.

[82] Jean-Claude Spehner. La reconnaissance des facteurs d'un langage fini dans un texte en temps linéaire. *Theor. Comput. Sci.*, 60:341–381, 1988.

[83] Ludwig Staiger. Ein satz über die entropie von untermonoiden (a theorem on the entropy of submonoids). *Theor. Comput. Sci.*, 61:279–282, 1988.

[84] Colin Stirling. A generalization of owicki-gries's hoare logic for a concurrent while language. *Theor. Comput. Sci.*, 58:347–359, 1988.

[85] Allen Stoughton. Substitution revisited. *Theor. Comput. Sci.*, 59:317–325, 1988.

[86] Howard Straubing. Semigroups and languages of dot-depth two. *Theor. Comput. Sci.*, 58:361–378, 1988.

[87] Andrzej Szalas and Leszek Holenderski. Incompleteness of first-order temporal logic with until. *Theor. Comput. Sci.*, 57:317–325, 1988.

[88] Jorma Tarhio and Esko Ukkonen. A greedy approximation algorithm for constructing shortest common superstrings. *Theor. Comput. Sci.*, 57:131–145, 1988.

[89] Satish Thatte. Implementing first-order rewriting with constructor systems. *Theor. Comput. Sci.*, 61:83–92, 1988.

[90] P.M. van den Broek. Comparison of two graph-rewrite systems. *Theor. Comput. Sci.*, 61:67–81, 1988.

[91] Dirk Van Gucht. Interaction-free multivalued dependency sets. *Theor. Comput. Sci.*, 62:221–233, 1988.

[92] Peter Varman and Kshitij Doshi. An efficient parallel algorithm for updating minimum spanning trees. *Theor. Comput. Sci.*, 58:379–397, 1988.

[93] Yury Velinov. An algebraic structure for derivations in rewriting systems. *Theor. Comput. Sci.*, 57:205–224, 1988.

[94] Thomas Zeugmann. On the power of recursive optimizers. *Theor. Comput. Sci.*, 62:289–310, 1988.