

References

- [1] Martin Abadi. The power of temporal proofs. *Theor. Comput. Sci.*, 65:35–83, 1989. see Corrigendum in *Theor. Comput. Sci.* 70, 275.
- [2] I.F. Akyldiz and H. von Brand. Exact solutions for open, closed and mixed queueing networks with rejection blocking. *Theor. Comput. Sci.*, 64:203–219, 1989.
- [3] Jean-Paul Allouche. On a sequence of rational functions. *Theor. Comput. Sci.*, 65:123–130, 1989.
- [4] Noga Alon and Uri Zwick. On nečiporuk’s theorem for branching programs. *Theor. Comput. Sci.*, 64:331–342, 1989.
- [5] Klaus Ambos-Spies. On the relative complexity of hard problems for complexity classes without complete problems. *Theor. Comput. Sci.*, 63:43–61, 1989.
- [6] Dana Angluin, William I. Gasarch, and Carl H. Smith. Training sequences. *Theor. Comput. Sci.*, 66:255–272, 1989.
- [7] V. Arvind and S. Biswas. On some bandwidth restricted versions of the satisfiability problem of propositional cnf formulas. *Theor. Comput. Sci.*, 68:123–134, 1989.
- [8] Leo Bachmair and Nachum Dershowitz. Completion for rewriting modulo a congruence. *Theor. Comput. Sci.*, 67:173–201, 1989.
- [9] J.C.M. Baeten, J.A. Bergstra, J.W. Klop, and W.P. Weijland. Term-rewriting systems with rule priorities. *Theor. Comput. Sci.*, 67:283–301, 1989.
- [10] Kirby A. Baker, George F. McNulty, and Walter Taylor. Growth problems for avoidable words. *Theor. Comput. Sci.*, 69:319–345, 1989.
- [11] Danièle Beauquier. Minimal automaton for a factorial, transitive, and rational language. *Theor. Comput. Sci.*, 67:65–73, 1989.
- [12] David B. Benson and Jerzy Tiuryn. Fixed points in free process algebras, part i. *Theor. Comput. Sci.*, 63:275–294, 1989.

- [13] J.C. Bermond and J.M. Fourneau. Independent connections: An easy characterization of baseline-equivalent multistage interconnection networks. *Theor. Comput. Sci.*, 64:191–201, 1989.
- [14] Jean-Camille Birget. Concatenation of inputs in a two-way automaton. *Theor. Comput. Sci.*, 63:141–156, 1989.
- [15] Howard A. Blair and V.S. Subrahmanian. Paraconsistent logic programming. *Theor. Comput. Sci.*, 68:135–154, 1989.
- [16] F. Blanchard. β -expansions and symbolic dynamics. *Theor. Comput. Sci.*, 65:131–141, 1989.
- [17] F. Blanchard. Codes engendrant certains systèmes sofiques. *Theor. Comput. Sci.*, 68:253–265, 1989.
- [18] F. Blanchet-Sadri and Nathan Fox. Abelian-primitive partial words. *Theor. Comput. Sci.*, 485:16–37, 2013.
- [19] Noelle Bleuzen-Guernalec. On a possible classification of real-time constructed sequences. *Theor. Comput. Sci.*, 65:143–148, 1989.
- [20] Stephen L. Bloom and Zoltan Esik. Equational logic of circular data type specification. *Theor. Comput. Sci.*, 63:303–331, 1989.
- [21] Felipe Bracho. Continuously generated fixed points. *Theor. Comput. Sci.*, 68:303–317, 1989.
- [22] Jik H. Chang, Oscar H. Ibarra, and Michael A. Palis. Efficient simulations of simple models of parallel computation by time-bounded atms and space-bounded tms. *Theor. Comput. Sci.*, 68:19–36, 1989.
- [23] Bogdan S. Chlebus. A hierarchy of propositional horn formulas. *Theor. Comput. Sci.*, 68:113–119, 1989.
- [24] C. Choppy, S. Kaplan, and M. Soria. Complexity analysis of term-rewriting systems. *Theor. Comput. Sci.*, 67:261–282, 1989.
- [25] Michael Clausen. Fast generalized fourier transforms. *Theor. Comput. Sci.*, 67:55–63, 1989.

- [26] Thierry Coquand. Categories of embeddings. *Theor. Comput. Sci.*, 68:221–237, 1989.
- [27] M. Cosnard, J. Duprat, and A. Ferreira. Complexity of selection in $x + y$. *Theor. Comput. Sci.*, 67:115–120, 1989.
- [28] Clelia De Felice. Construction of a family of finite maximal codes. *Theor. Comput. Sci.*, 63:157–184, 1989.
- [29] Aldo de Luca and Stefano Varricchio. Some combinatorial properties of the thue-morse sequence and a problem in semigroups. *Theor. Comput. Sci.*, 63:333–348, 1989.
- [30] F.M. Dekking. On the probability of occurrence of labelled subtrees of a randomly labelled tree. *Theor. Comput. Sci.*, 65:149–152, 1989.
- [31] Volker Diekert. On the knuth-bendix completion for concurrent processes. *Theor. Comput. Sci.*, 66:117–136, 1989.
- [32] Martin Dietzfelbinger. Lower bounds for sorting of sums. *Theor. Comput. Sci.*, 66:137–155, 1989.
- [33] Manfred Droste. Event structures and domains. *Theor. Comput. Sci.*, 68:37–47, 1989.
- [34] Ding-Zhu Du and Ronald V. Book. On inefficient special cases of np -complete problems. *Theor. Comput. Sci.*, 63:239–252, 1989.
- [35] Jean-Marie Dumont and Alain Thomas. Systèmes de numération et fonctions fractales relatifs aux substitutions. *Theor. Comput. Sci.*, 65:153–169, 1989.
- [36] Paul E. Dunne. On monotone simulations of nonmonotone networks. *Theor. Comput. Sci.*, 66:15–25, 1989.
- [37] Herbert Edelsbrunner, Günter Rote, and Emo Welzl. Testing the necklace condition for shortest tours and optimal factors in the plane. *Theor. Comput. Sci.*, 66:157–180, 1989.
- [38] Patrice Enjalbert and Luis Farinas del Cerro. Modal resolution in clausal form. *Theor. Comput. Sci.*, 65:1–33, 1989.

- [39] M. Falaschi, G. Levi, C. Palamidessi, and M. Martelli. Declarative modeling of the operational behavior of logic languages. *Theor. Comput. Sci.*, 69:289–318, 1989.
- [40] Matthias Felleisen and Daniel P. Friedman. A syntactic theory of sequential state. *Theor. Comput. Sci.*, 69:243–287, 1989.
- [41] Eli Gafni, Joseph Naor, and Prabhakar Ragde. On separating the erew and crew pram models. *Theor. Comput. Sci.*, 68:343–346, 1989.
- [42] Zvi Galil and Raffaele Giancarlo. Speeding up dynamic programming with applications to molecular biology. *Theor. Comput. Sci.*, 64:107–118, 1989.
- [43] Jean H. Gallier and Wayne Snyder. Complete sets of transformations for general e -unification. *Theor. Comput. Sci.*, 67:203–260, 1989.
- [44] Giorgio Gambosi, Giuseppe F. Italiano, and Maurizio Talamo. Worst-case analysis of the set-union problem with extended backtracking. *Theor. Comput. Sci.*, 68:57–70, 1989.
- [45] Georges Gardarin, Irène Guessarian, and Christophe de Maindreville. Translation of logic programs into functional fixpoint equations. *Theor. Comput. Sci.*, 63:253–274, 1989.
- [46] Seymour Ginsburg and Chang-jie Tang. Cohesion of object histories. *Theor. Comput. Sci.*, 63:63–90, 1989.
- [47] Roger Gutbrod. A transformation system for generating description languages of chain code pictures. *Theor. Comput. Sci.*, 68:239–252, 1989.
- [48] Masami Hagiya. Generalization from partial parametrization in higher-order type theory. *Theor. Comput. Sci.*, 63:113–139, 1989.
- [49] G. Hansel and D. Perrin. Rational probability measures. *Theor. Comput. Sci.*, 65:171–188, 1989.
- [50] Thérèse Hardin. Confluence results for the pure strong categorical logic ccl. λ -calculi as subsystems of ccl. *Theor. Comput. Sci.*, 65:291–342, 1989.

- [51] P. Hellekalek and G. Larcher. On weyl sums and skew products over irrational rotations. *Theor. Comput. Sci.*, 65:189–196, 1989.
- [52] J. Roger Hindley. Bck-combinators and linear γ -terms have types. *Theor. Comput. Sci.*, 64:97–105, 1989.
- [53] Gerhard Hofer. Left ideals and reachability in machines. *Theor. Comput. Sci.*, 68:49–56, 1989.
- [54] Juha Honkala. A necessary condition for the rationality of the zeta function of a regular language. *Theor. Comput. Sci.*, 66:341–347, 1989.
- [55] M. Teresa Hortalá-González and Mario Rodríguez-Artalejo. Hoare’s logic for nondeterministic regular programs: A nonstandard approach. *Theor. Comput. Sci.*, 68:277–302, 1989.
- [56] Rodney R. Howell and Louis E. Rosier. Problems concerning fairness and temporal logic for conflict-free petri nets. *Theor. Comput. Sci.*, 64:305–329, 1989.
- [57] Juraj Hromkovič. Tradeoffs for language recognition on alternating machines. *Theor. Comput. Sci.*, 63:203–221, 1989.
- [58] Ulrich Huckenbeck. Euclidian geometry in terms of automata theory. *Theor. Comput. Sci.*, 68:71–87, 1989.
- [59] Dang Van Hung and Elöd Knuth. Semi-commutations and petri nets. *Theor. Comput. Sci.*, 64:67–81, 1989.
- [60] Neil Immerman and Stephen R. Mahaney. Relativizing relativized computations. *Theor. Comput. Sci.*, 68:267–276, 1989.
- [61] Katsushi Inoue, Itsuo Takanami, and Juraj Hromkovič. A leaf-size hierarchy of two-dimensional alternating turing machines. *Theor. Comput. Sci.*, 67:99–110, 1989.
- [62] Akira Ito, Katsushi Inoue, and Itsuo Takanami. Deterministic two-dimensional on-line tessellation acceptors are equivalent to two-way two-dimensional alternating finite automata through 180° -rotation. *Theor. Comput. Sci.*, 66:273–287, 1989.

- [63] G. Jacopini and P. Mentrasti. Generation of invertible functions. *Theor. Comput. Sci.*, 66:289–297, 1989.
- [64] J. Howard Johnson. A unified framework for disambiguating finite transductions. *Theor. Comput. Sci.*, 63:91–111, 1989.
- [65] K. Jojczyk, J. Konieczny, and T. Kuzak. On interleaving behaviour of pt-nets. *Theor. Comput. Sci.*, 64:25–38, 1989.
- [66] Mark B. Josephs. The semantics of lazy functional languages. *Theor. Comput. Sci.*, 68:105–111, 1989.
- [67] Stéphane Kaplan. Algebraic specification of concurrent systems. *Theor. Comput. Sci.*, 69:69–115, 1989.
- [68] Jarkko Kari. Observations concerning a public-key cryptosystem based on iterated morphisms. *Theor. Comput. Sci.*, 66:45–53, 1989.
- [69] Howard J. Karloff. An nc algorithm for brooks’ theorem. *Theor. Comput. Sci.*, 68:89–103, 1989.
- [70] Jean-Marc Kerisit. A relational approach to logic programming: The extended alexander method. *Theor. Comput. Sci.*, 69:55–68, 1989.
- [71] Hélène Kirchner. Schematization of infinite sets of rewrite rules generated by divergent completion processes. *Theor. Comput. Sci.*, 67:303–332, 1989.
- [72] Peter Kirschenhofer, Helmut Prodinger, and Wojciech Szpankowski. On the balance property of patricia tries: External path length viewpoint. *Theor. Comput. Sci.*, 68:1–17, 1989.
- [73] Hans Kleine Büning, Theodor Lettmann, and Ernst W. Mayr. Projections of vector addition system reachability sets are semilinear. *Theor. Comput. Sci.*, 64:343–350, 1989.
- [74] E. Korach, S. Moran, and S. Zaks. Optimal lower bounds for some distributed algorithms for a complete network of processors. *Theor. Comput. Sci.*, 64:125–132, 1989.
- [75] Cor Kraaikamp. Statistic and ergodic properties of minkowski’s diagonal continued fraction. *Theor. Comput. Sci.*, 65:197–212, 1989.

- [76] Clyde P. Kruskal, Larry Rudolph, and Marc Snir. Techniques for parallel manipulation of sparse matrices. *Theor. Comput. Sci.*, 64:135–157, 1989.
- [77] Thomas Lehmkuhl and Thomas Lickteig. On the order of approximation in approximative triadic decompositions of tensors. *Theor. Comput. Sci.*, 66:1–14, 1989.
- [78] Christos Levcopoulos, Andrzej Lingas, and Jörg R. Sack. Heuristics for optimum binary search trees and minimum weight triangulation problems. *Theor. Comput. Sci.*, 66:181–203, 1989.
- [79] Andrzej Lingas. Subgraph isomorphism for biconnected outerplanar graphs in cubic time. *Theor. Comput. Sci.*, 63:295–302, 1989.
- [80] Andrzej Lingas and Andrzej Proskurowski. On parallel complexity of the subgraph homeomorphism and the subgraph isomorphism problem for classes of planar graphs. *Theor. Comput. Sci.*, 68:155–173, 1989.
- [81] M. Livesey. Stable families of behavioural equivalences. *Theor. Comput. Sci.*, 63:19–41, 1989.
- [82] Gordon Lyon. Design factors for parallel processing benchmarks. *Theor. Comput. Sci.*, 64:175–189, 1989.
- [83] Klaus Madlener and Friedrich Otto. About the descriptive power of certain classes of finite string-rewriting systems. *Theor. Comput. Sci.*, 67:143–172, 1989.
- [84] J.A. Makowsky and I. Sain. Weak second order characterizations of various program verification systems. *Theor. Comput. Sci.*, 66:299–321, 1989.
- [85] G. Marongiu and S. Tulipani. On a conjecture of bergstra and tucker. *Theor. Comput. Sci.*, 67:87–97, 1989.
- [86] Ursula Martin. A geometrical approach to multiset orderings. *Theor. Comput. Sci.*, 67:37–54, 1989.
- [87] Antoni Mazurkiewicz, Edward Ochmański, and Wojciech Penczek. Concurrent systems and inevitability. *Theor. Comput. Sci.*, 64:281–304, 1989.

- [88] M. Mendes France and A.J. Van der Poorten. From geometry to euler identities. *Theor. Comput. Sci.*, 65:213–220, 1989.
- [89] Mohamed Mezgiche. On pseudo- $c\beta$ -normal form in combinatory logic. *Theor. Comput. Sci.*, 66:323–331, 1989.
- [90] Filippo Mignosi. Infinite words with linear subword complexity. *Theor. Comput. Sci.*, 65:221–242, 1989.
- [91] Makoto Mori. On the fredholm determinant of a piecewise linear transformation. *Theor. Comput. Sci.*, 65:243–248, 1989.
- [92] Etsuro Moriya. A grammatical characterization of alternating push-down automata. *Theor. Comput. Sci.*, 67:75–85, 1989.
- [93] Brigitte Mosse. q -adic spectral analysis of some arithmetic sequences. *Theor. Comput. Sci.*, 65:249–263, 1989.
- [94] Daniele Mundici. Functions computed by monotone boolean formulas with no repeated variables. *Theor. Comput. Sci.*, 66:113–114, 1989.
- [95] M.A. Nait Abdallah. A logico-algebraic approach to the model theory of knowledge. *Theor. Comput. Sci.*, 66:205–232, 1989.
- [96] Paliath Narendran and Friedrich Otto. Some polynomial-time algorithms for finite monadic church-rosser thue systems. *Theor. Comput. Sci.*, 68:319–332, 1989.
- [97] Flemming Nielson. Two-level semantics and abstract interpretation. *Theor. Comput. Sci.*, 69:117–242, 1989.
- [98] Riëks op den Akker. On $lc(0)$ grammars and languages. *Theor. Comput. Sci.*, 66:65–85, 1989.
- [99] Friedrich Otto. On deciding confluence of finite string-rewriting systems modulo partial commutativity. *Theor. Comput. Sci.*, 67:19–35, 1989.
- [100] Dana Pardubská and Ivana Štefánková. Nondeterministic multi-counter machines and complementation. *Theor. Comput. Sci.*, 67:111–113, 1989.

- [101] Joachim Parrow. Submodule construction as equation solving in ccs. *Theor. Comput. Sci.*, 68:175–202, 1989.
- [102] Andrzej Pelc. Searching with known error probability. *Theor. Comput. Sci.*, 63:185–202, 1989.
- [103] Andrzej Pelc. Weakly adaptive comparison searching. *Theor. Comput. Sci.*, 66:105–111, 1989.
- [104] Catherine Petuaud. Entropie topologique des systèmes spécifiés. *Theor. Comput. Sci.*, 67:121–128, 1989.
- [105] Ramón Pino Perez. Decidability of the restriction equational theory in the partial λ -calculus. *Theor. Comput. Sci.*, 67:129–139, 1989.
- [106] Adolfo Piperno. Abstraction problems in combinatory logic: A compositive approach. *Theor. Comput. Sci.*, 66:27–43, 1989.
- [107] Marco Protasi and Maurizio Talamo. On the number of arithmetical operations for finding fibonacci numbers. *Theor. Comput. Sci.*, 64:119–124, 1989.
- [108] R. Ramanujam. Semantics of distributed definite clause programs. *Theor. Comput. Sci.*, 68:203–220, 1989.
- [109] Antonio Restivo. Finitely generated sofic systems. *Theor. Comput. Sci.*, 65:265–270, 1989.
- [110] Yves Robert and Denis Trystram. Optimal scheduling algorithms for parallel gaussian elimination. *Theor. Comput. Sci.*, 64:159–173, 1989.
- [111] C.P. Rupert. Comment on a remark of forys. *Theor. Comput. Sci.*, 68:347–348, 1989.
- [112] Takashi Saito and Hidenosuke Nishio. Structural and behavioral equivalence relations in automata networks. *Theor. Comput. Sci.*, 63:223–237, 1989.
- [113] Hiroyuki Sato. E-ccc: Between ccc and topos. *Theor. Comput. Sci.*, 64:55–66, 1989.

- [114] Ursula Schmidt. Avoidable patterns on two letters. *Theor. Comput. Sci.*, 63:1–17, 1989.
- [115] Eli Shamir and Assaf Schuster. Communication aspects of networks based on geometric incidence relations. *Theor. Comput. Sci.*, 64:83–96, 1989.
- [116] J.C. Shepherdson. A sound and complete semantics for a version of negation as failure. *Theor. Comput. Sci.*, 65:343–371, 1989.
- [117] Ugo Solitro. A typed calculus based on a fragment of linear logic. *Theor. Comput. Sci.*, 68:333–342, 1989.
- [118] Eugene W. Stark. Concurrent transition systems. *Theor. Comput. Sci.*, 64:221–269, 1989.
- [119] Rick Statman. On sets of solutions to combinator equations. *Theor. Comput. Sci.*, 66:99–104, 1989.
- [120] Hans-Jörg Stoß. Lower bounds for the complexity of polynomials. *Theor. Comput. Sci.*, 64:15–23, 1989.
- [121] Hans-Jörg Stoß. On the representation of rational functions of bounded complexity. *Theor. Comput. Sci.*, 64:1–13, 1989.
- [122] Charles Swart and Dana Richards. On the inference of strategies. *Theor. Comput. Sci.*, 67:5–18, 1989.
- [123] Satish R. Thatte. Full abstraction and limiting completeness in equational languages. *Theor. Comput. Sci.*, 65:85–119, 1989.
- [124] Denis Thérien. Programs over aperiodic monoids. *Theor. Comput. Sci.*, 64:271–280, 1989.
- [125] Michael Tiomkin. Probabilistic termination versus fair termination. *Theor. Comput. Sci.*, 66:333–340, 1989.
- [126] Etsuji Tomita and Kazushi Seino. A direct branching algorithm for checking the equivalence of two deterministic pushdown transducers, one of which is real-time strict. *Theor. Comput. Sci.*, 64:39–53, 1989.

- [127] Alasdair Urquhart. The complexity of gentzen systems for propositional logic. *Theor. Comput. Sci.*, 66:87–97, 1989.
- [128] Laurent Vieille. Recursive query processing: The power of logic. *Theor. Comput. Sci.*, 69:1–53, 1989.
- [129] Pascal Weil. Inverse monoids of dot-depth two. *Theor. Comput. Sci.*, 66:233–245, 1989.
- [130] Zhang Luo Xin. An efficient algorithm to decide whether a monoid presented by a regular church-rosser thue system is a group. *Theor. Comput. Sci.*, 66:55–63, 1989.
- [131] Hideki Yamasaki. Language-theoretical representations of ω -languages. *Theor. Comput. Sci.*, 66:247–254, 1989.
- [132] Hirofumi Yokouchi. Church-rosser theorem for a rewriting system on categorical combinators. *Theor. Comput. Sci.*, 65:271–290, 1989.