

References

- [1] Eric Allender and Vivek Gore. On strong separations from ac^0 . In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 1–15. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [2] Christel Baier and Mila E. Majster-Cederbaum. The consistency of a nointerleaving and an interleaving model for full tcsps. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 105–120. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [3] Bernd Bank, Teresa Krick, Reinhard Mandel, and Pablo Solernó. A geometrical bound for integer programming with polynomial constraints. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 121–125. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [4] E. Barcucci, R. Pinzani, E. Rodella, and R. Sprugnoli. A characterization of binary search networks. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 126–135. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [5] D. Beauquier, M. Nivat, and D. Niwiński. About the effect of the number of successful paths in an infinite tree on the recognizability by a finite automaton with Büchi conditions. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 136–145. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [6] Luca Breveglieri, Claudio Citrini, and Stefano Crespi Reghizzi. Deterministic dequeue automata and ll(1) parsing of breadth-depth grammars. In L. Budach, editor, *Proceedings of the 8th International Conference*

ence on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991), volume 529 of *LNCS*, pages 146–156. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.

- [7] Danilo Bruschi and Giovanni Pighizzini. The complexity of computing maximal word functions. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 157–167. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [8] Johannes Buchmann. Number theoretic algorithms and cryptology. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 16–21. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [9] Gerhard Buntrock, Birgit Jenner, Klaus-Jörn Lange, and Peter Rossmanith. Unambiguity and fewness for logarithmic space. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 168–179. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [10] Jin-yi Cai. Computations over infinite groups. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 22–32. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [11] Marc Chardin. Differential resultants and subresultants. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 180–189. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [12] Bogdan S. Chlebus and Imrich Vrto. Unifying binary-search trees and permutations. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 190–199. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.

- [13] Jürgen Dassow and Klaus-Jörn Lange. Computational complexity and hardest languages of automata with abstract storages. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 200–209. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [14] E. Fachini, A. Monti, M. Napoli, and D. Parente. Systolic y-tree automata: Closure properties and decision problems. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 210–219. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [15] Hans Dietmar Gröger. A new partition lemma for planar graphs and its application to circuit complexity. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 220–229. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [16] Stefan Heinrich. Efficiency of monte carlo algorithms in numerical analysis. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 33–44. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [17] Thomas Hofmeister, Walter Hohberg, and Susanne Köhling. Some notes on threshold circuits, and multiplication in depth 4. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 230–239. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [18] Juraj Hromkovič. Nonlinear lower bounds on the number of processors of circuits with sublinear separators. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 240–247. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.

- [19] Oscar H. Ibarra and Nicholas Q. Trân. On space-bounded synchronized alternating turing machines. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 248–257. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [20] Antoine Joux and Jacques Stern. Improving the critical density of the lagarias-odlyzko attack against subset sum problems. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 258–264. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [21] Stasys Jukna. Optimal versus stable in boolean formulae. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 265–274. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [22] Michael Kaib. The gauß lattice basis reduction algorithm succeeds with any norm. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 275–286. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [23] Jānis Kaṇeps. Regularity of one-letter languages acceptable by 2-way finite probabilistic automata. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 287–296. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [24] Marek Karpinski. Approximation algorithms for counting problems in finite fields. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 45–46. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.

- [25] Peter Knijnenburg and Joost N. Kok. On the semantics of atomized statements — the parallel-choice option. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 297–306. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [26] Emmanuel Kounalis and Michaël Rusinowitch. Automatic proof methods for algebraic specifications. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 307–317. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [27] Dieter Kratsch and Lane A. Hemachandra. On the complexity of graph reconstruction. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 318–328. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [28] Christos Levcopoulos and Ola Petersson. An optimal adaptive in-place sorting algorithm. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 329–338. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [29] Guy Louchard, Claire Kenyon, and René Schott. Data structures maxima. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 339–349. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [30] C. Martínez. Average-case analysis of equality of binary trees under the bst probability model. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 350–359. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.

- [31] Jean Neraud. On the subsets of rank two in a free monoid: A fast decision algorithm. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 360–369. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [32] Wojciech Plandowski, Wojciech Rytter, and Tomasz Szymacha. Exact analysis of three tree contraction algorithms. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 370–379. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [33] Alexander A. Razborov. Lower bounds for deterministic and nondeterministic branching programs. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 47–60. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [34] Rüdiger Reischuk. Graph theoretical methods for the design of parallel algorithms. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 61–67. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [35] Kai Salomaa and Sheng Yu. Degrees of nondeterminism for push-down automata. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 380–389. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [36] C.P. Schnorr and M. Euchner. Lattice basis reduction: Improved practical algorithms and solving subset sum problems. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 68–85. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.

- [37] Heiko Schröder, Ondrej Sýkora, and Imrich Vr̆to. Optimal embedding of a toroidal array in a linear array. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 390–394. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [38] Joseph F. Traub. Information-based complexity: Recent results and open problems. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 86–88. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [39] György Turán. A survey of some aspects of computational learning theory. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 89–103. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [40] Dietmar Uhlig. Boolean functions with a large number of subfunctions and small complexity and depth. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 395–404. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [41] R.S. Valiveti, B.J. Oommen, and J.R. Zgierski. Adaptive linear list reorganization for a system processing set queries. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 405–414. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.
- [42] Egon Wanke. On the decidability of integer subgraph problems on context-free graph languages. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, pages 415–426. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.

- [43] Andrew Chi-Chih Yao. Recent progress in circuit and communication complexity. In L. Budach, editor, *Proceedings of the 8th International Conference on Fundamentals of Computation Theory (FCT '91) (Gosen, Germany, September 1991)*, volume 529 of *LNCS*, page 104. Springer-Verlag, Berlin-Göttingen-Heidelberg-New York, 1991.