

References

- [1] V. Arvind, R. Beigel, and A. Lozano. The complexity of modular graph automorphism. In Michel Morvan, Christoph Meinel, and Daniel KroB, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 172–182. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [2] David A. Mix Barrington, Chi-Jen Lu, Peter Bro Miltersen, and Sven Skyum. Searching constant width mazes captures the ac^0 hierarchy. In Michel Morvan, Christoph Meinel, and Daniel KroB, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 73–83. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [3] Cristina Bazgan, Miklos Santha, and Zsolt Tuza. On the approximation of finding a(nother) hamiltonian cycle in cubic hamiltonian graphs. In Michel Morvan, Christoph Meinel, and Daniel KroB, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 276–286. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [4] Jan Behrens and Stephan Waack. Equivalence test and ordering transformation for parity-obdds of different variable ordering. In Michel Morvan, Christoph Meinel, and Daniel KroB, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 227–237. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [5] J.C. Bradfield. Simplifying the modal mu-calculus alternation hierarchy. In Michel Morvan, Christoph Meinel, and Daniel KroB, editors,

Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998), volume 1373 of *LNCS*, pages 39–49. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.

- [6] Nader H. Bshouty and Lynn Burroughs. Massaging a linear programming solution to give a 2-approximation for a generalization of the vertex cover problem. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 298–308. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [7] Harry Buhrman, Dieter van Melkebeek, Kenneth W. Regan, D. Sivakumar, and Martin Strauss. A generalization of resource-bounded measure, with an application. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 161–171. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [8] Peter Bürgisser. On the structure of valiant's complexity classes. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 194–204. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [9] Cristian S. Calude, Peter H. Hertling, Bakhadyr Khossainov, and Yongge Wang. Recursively enumerable reals and chaitin ω numbers. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 596–606. Springer-Verlag, Berlin-Heidelberg-

New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.

- [10] Martin Charles Cumberic and Haim Kaplan. Cell flipping in permutation diagrams. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 577–586. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [11] Sergio de Agostino and Riccardo Silvestri. Bounded size dictionary compression: sc^k -completeness and nc algorithms. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 522–532. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [12] S. Demri and Ph. Schnoebelen. The complexity of propositional linear temporal logics in simple cases. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 61–72. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [13] Anders Dessmark, Andrzej Lingas, Hans Olsson, and Hiroaki Yamamoto. Optimal broadcasting in almost trees and partial k -trees. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 432–443. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [14] Giovanni di Crescenzo, Kouichi Sakurai, and Moti Yung. Result-indistinguishable zero-knowledge proofs: Increased power and constant-round protocols. In Michel Morvan, Christoph Meinel, and Daniel

- Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 511–521. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [15] Mohamadou Diallo, Afonso Ferreira, and Andrew Rau-Chaplin. Communication-efficient deterministic parallel algorithms for planar point location and 2d voronoi diagram. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 399–409. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [16] Marius Dorkenoo, Marie-Christine Eglin-Leclerc, and Eric Rémila. Constructing of non-intersecting colored flows through a planar cellular figure. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 587–595. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [17] Thomas Eiter, Toshihide Ibaraki, and Kazuhisa Makino. On disguised double horn functions and extensions. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 50–60. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [18] Z. Ésik. Axiomatizing the equational theory of regular tree languages. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 455–465. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.

- [19] J. Feigenbaum, S. Kannan, M.Y. Vardi, and M. Viswanathan. Complexity of problems on graphs represented as obdds. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 216–226. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [20] Lance Fortnow and Sophie Laplante. Nearly optimal language compression using extractors. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 84–93. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [21] Anna E. Frid. On uniform dol words. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 544–554. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [22] Clemens Gröpl, Hans Jürgen Prömel, and Anand Srivastav. Size and structure of random ordered binary decision diagrams. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 238–248. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [23] Jens Gustedt. Minimum spanning trees for minor-closed graph classes in parallel. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 421–431. Springer-Verlag, Berlin-

Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.

- [24] Michel Habib, Christophe Paul, and Laurent Viennot. A synthesis on partition refinement: A useful routine for strings, graphs, boolean matrices and automata. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 25–38. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [25] Torben Hagerup. Sorting and searching on the word ram. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 366–398. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [26] Sergei Ivanov and Michel de Rougemont. Interactive protocols on the reals. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 499–510. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [27] Klaus Jansen. The mutual exclusion scheduling problem for permutation and comparability graphs. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 287–297. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [28] Jeanette Janssen, Danny Krizanc, Lata Narayanan, and Sunil Shende. Distributed online frequency assignment in cellular networks. In

- Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 3–13. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [29] Matthias Jantzen. Hierarchies of principal twist-closed trios. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 344–355. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [30] Richard M. Karp. Random graphs, random walks, differential equations and the probabilistic analysis of algorithms. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 1–2. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [31] Rainer Kemp. On the expected number of nodes at level k in 0-balanced trees. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 566–576. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [32] Sven Kosub, Heinz Schmitz, and Heribert Vollmer. Uniformly defining complexity classes of functions. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 607–617. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.

- [33] Denis Lapoire. Recognizability equals monadic second-order definability for sets of graphs of bounded tree-width. In Michel Morvan, Christoph Meinel, and Daniel Kroh, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 618–628. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [34] Kim S. Larsen. Partially persistent search trees with transcript operations. In Michel Morvan, Christoph Meinel, and Daniel Kroh, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 309–319. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [35] Leonid Libkin and Limsoon Wong. Unary quantifiers, transitive closure, and relations of large degree. In Michel Morvan, Christoph Meinel, and Daniel Kroh, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 183–193. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [36] K. Lodaya and P. Weil. Series-parallel posets: Algebra, automata and languages. In Michel Morvan, Christoph Meinel, and Daniel Kroh, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 555–565. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [37] Giovanni Manzini and Luciano Margara. Attractors of d -dimensional linear cellular automata. In Michel Morvan, Christoph Meinel, and Daniel Kroh, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 128–138. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.

- [38] Alexandru Mateescu. Shuffle of ω -words: Algebraic aspects. In Michel Morvan, Christoph Meinel, and Daniel Kroh, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 150–160. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [39] Jacques Mazoyer and Ivan Rapaport. Inducing an order on cellular automata by a grouping operation. In Michel Morvan, Christoph Meinel, and Daniel Kroh, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 116–127. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [40] Carlo Mereghetti and Giovanni Pighizzini. Optimal simulations between unary automata. In Michel Morvan, Christoph Meinel, and Daniel Kroh, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 139–149. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [41] Jochen Messner and Jacobo Torán. Optimal proof systems for propositional logic and complete sets. In Michel Morvan, Christoph Meinel, and Daniel Kroh, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 477–487. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [42] Raphaël Meyer and Antoine Petit. Expressive completeness of ltrl on finite traces: An algebraic proof. In Michel Morvan, Christoph Meinel, and Daniel Kroh, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 533–543. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.

- [43] Angelo Monti and Adriano Peron. A logical characterization of systolic lanuages. In Michel Morvan, Christoph Meinel, and Daniel KroB, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 466–476. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [44] Damian Niwiński and Igor Walukiewicz. Relating hierarchis of word and tree automata. In Michel Morvan, Christoph Meinel, and Daniel KroB, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 320–331. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [45] Christine Rüb. On batcher’s merge sorts as parallel sorting algorithms. In Michel Morvan, Christoph Meinel, and Daniel KroB, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 410–420. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [46] Taoufik Safer. Radix representations of algebraic number fields and finite automata. In Michel Morvan, Christoph Meinel, and Daniel KroB, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 356–365. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [47] Martin Sauerhoff. Lower bounds for randomized read- k -times branching programs. In Michel Morvan, Christoph Meinel, and Daniel KroB, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 105–115. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.

- [48] Thomas Schwentick and Klaus Barthelmann. Local normal forms for first-order logic with applications to games and automata. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 444–454. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [49] Maria Serna, Luca Trevisan, and Tatos Xhafa. The (parallel) approximability of non-boolean satisfiability problems and restricted integer programming. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 488–498. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [50] Detlef Sieling. On the existence of polynomial time approximation schemes for obdd minimization. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 205–215. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [51] Joel H. Spencer and Katherine St. John. Random sparse bit strings at the threshold of adjacency. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 94–104. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [52] Howard Straubing. Languages defined with modular counting quantifiers. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27,*

1998), volume 1373 of *LNCS*, pages 332–343. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.

- [53] Mikkel Thorup. Floats, integers, and single source shortest paths. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 14–24. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.
- [54] Serge Vaudenay. Provable security for block ciphers by decorrelation. In Michel Morvan, Christoph Meinel, and Daniel Krob, editors, *Proceedings of the 15th Annual Symposium on Theoretical Aspects of Computer Science, STACS'98 (Paris, France, February 25-27, 1998)*, volume 1373 of *LNCS*, pages 249–275. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1998.