

References

- [1] Paola Alimonti, Esteban Feuerstein, and Umberto Nanni. Linear time algorithms for liveness and boundedness in conflict-free petri nets. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 1–14. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [2] Jean-Paul Allouche. q -regular sequences and other generalizations of q -automatic sequences. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 15–23. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [3] David A. Mix Barrington and Howard Straubing. Complex polynomials and circuit lower bounds for modular counting. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 24–31. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [4] Danièle Beauquier, Michel Latteux, and Karine Slowinski. A decidability result about convex polyominoes. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 32–45. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [5] M. Bern, H. Edelsbrunner, D. Eppstein, S. Mitchell, and T.S. Tan. Edge insertion for optimal triangulations. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 46–60. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [6] Said Bettayeb, Bin Cong, Mike Girou, and I. Hal Sudborough. Simulating permutation networks on hypercubes. In I. Simon, editor,

Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992), volume 583 of *LNCS*, pages 61–70. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.

- [7] Manuel Blum. Universal statistical tests. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 71–75. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [8] F. Bossut and B. Warin. Automata and pattern matching in planar directed acyclic graphs. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 76–86. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [9] Anne Brüggemann-Klein. Regular expressions into finite automata. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 87–98. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [10] Véronique Bruyère. Automata and codes with bounded deciphering delay. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 99–107. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [11] Svante Carlsson and Jingsen Chen. Parallel complexity of heaps and min-max heaps. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 108–116. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [12] Michel Cosnard, Pascal Koiran, and Hélène Paugam-Moisy. Complexity issues in neural network computations. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 117–126. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.

- '92 (*São Paulo, Brazil, April 1992*), volume 583 of *LNCS*, pages 530–544. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [13] Felipe Cucker and Francesc Rosselló. On the complexity of some problems for the blum, shub & smale model. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (*São Paulo, Brazil, April 1992*)*, volume 583 of *LNCS*, pages 117–129. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
 - [14] Aldo de Luca and Stefano Varricchio. Some regularity conditions based on well quasi-orders. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (*São Paulo, Brazil, April 1992*)*, volume 583 of *LNCS*, pages 356–371. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
 - [15] W. Fernandez de la Vega, V.Th. Paschos, and R. Saad. Average case analysis of a greedy algorithm for the minimum hitting set problem. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (*São Paulo, Brazil, April 1992*)*, volume 583 of *LNCS*, pages 130–138. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
 - [16] Afonso G. Ferreira and Siang W. Song. Achieving optimality for gate matrix layout and pla folding: a graph theoretic approach. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (*São Paulo, Brazil, April 1992*)*, volume 583 of *LNCS*, pages 139–153. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
 - [17] Christiane Frougny. How to write integers in non-integer base. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (*São Paulo, Brazil, April 1992*)*, volume 583 of *LNCS*, pages 154–164. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
 - [18] Oscar Garrido, Stefan Jarominek, Andrzej Lingas, and Wojciech Rytter. A simple randomized parallel algorithm fo maximal f -matchings.

In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 165–176. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.

- [19] William I. Gasarch and Katia S. Guimarães. On the number of components of a recursive graph. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 177–190. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [20] Mark Giesbrecht. Factoring in skew-polynomial rings. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 191–203. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [21] Joseph Gil and Yossi Matias. Leaders election without conflict resolution rule—fast and efficient randomized simulations among crew prams. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 204–218. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [22] Eric Goles and Marcos A. Kiwi. Dynamics of sand-piles games on graphs. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 219–230. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [23] Jaime Gutierrez and Tomas Recio. Rational function decomposition and gröbner bases in the parameterization of plane curves. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 231–245. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [24] Kosaburo Hashiguchi. The double reconstruction conjectures about colored hypergraphs and colored directed graphs. In I. Simon, editor, *Pro-*

ceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992), volume 583 of *LNCS*, pages 246–261. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.

- [25] Ulrich Hertrampf. Locally definable acceptance types—the three-valued case. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 262–271. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [26] Joachim Hollman. On the computation of the hilbert series. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 272–280. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [27] Esther Jennings and Lenka Motyčková. A distributed algorithm for finding all maximal cliques in a network graph. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 281–293. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [28] Erich Kaltofen. Polynomial factorization 1987–1991. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 294–313. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [29] Nami Kobayashi. Properties of recognizable \uparrow -subsets of a free monoid. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 314–328. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [30] Arjen K. Lenstra. Massively parallel computing and factoring. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume

583 of *LNCS*, pages 344–355. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.

- [31] Gene Myers. Approximate matching of network expressions with spacers. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 372–386. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [32] Rolf Niedermeier and Peter Rossmanith. Unambiguous simulations of auxiliary pushdown automata and circuits. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 387–400. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [33] Alair Pereira do Lago. On the burnside semigroups $x^n = x^{n+m}$. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 329–343. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [34] Jean-Eric Pin. On reversible automata. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 401–416. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [35] Oscar Porto. Even induced cycles in planar graphs. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 417–429. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [36] Vaughan Pratt. Arithmetic + logic + geometry = concurrency. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 430–447. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.

- [37] José D.P. Rolim. On the density and core of the complexity classes. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 448–459. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [38] Jacques Sakarovitch. The “last” decision problem for rational trace languages. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 460–473. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [39] Alistair Sinclair. Improved bounds for mixing rates of markov chains and multicommodity flow. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 474–487. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [40] Daniel D. Sleator. Data structures and terminating petri nets. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 488–497. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [41] Denis Thérien. Circuits constructed with mod_q gates cannot compute and in sublinear size. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 498–502. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [42] Andreas Weber. Decomposing a k -valued transducer into k unambiguous ones. In I. Simon, editor, *Proceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992)*, volume 583 of *LNCS*, pages 503–515. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.
- [43] X. Zhou, S. Nakano, H. Suzuki, and T. Nishizeki. An efficient algorithm for edge-coloring series-parallel multigraphs. In I. Simon, editor, *Pro-*

ceedings of the 1st Latin American Symposium on Theoretical Informatics LATIN '92 (São Paulo, Brazil, April 1992), volume 583 of *LNCS*, pages 516–529. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1992.