

References

- [1] Farid Ablayev and Aida Gainutdinova. On the lower bounds for one-way quantum automata. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 132–140. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [2] Samson Abramsky and Marina Lenisa. Axiomatizing fully complete models for *ml* polymorphic types. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 141–151. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [3] Klaus Ambos-Spies. Measure theoretic completeness notions for the exponential time classes. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 152–161. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [4] Lali Barrière and Josep Fàbrega. Edge-bisection of chordal rings. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 162–171. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [5] David Mix Barrington, Pierre McKenzie, Cris Moore, Pascal Tesson, and Denis Thérien. Equation satisfiability and program satisfiability for finite monoids. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slo-*

- vakia, August 28 - September 1, 2000), volume 1893 of *LNCS*, pages 172–181. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [6] Jean Berstel and Luc Boasson. Xml grammars. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 182–191. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [7] Therese C. Biedl, Br̃ona Brejova, and Tomas Vinař. Simplifying flow networks. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 192–201. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [8] Therese C. Biedl, Eowyn ˇCenek, Timothy M. Chan, Erik D. Demaine, Martin L. Demaine, Rudolf Fleischer, and Ming-Wei Wang. Balanced k -colorings. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 202–211. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [9] Beate Bollig. Restricted nondeterministic read-once branching programs and an exponential lower bound for integer multiplication. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 222–231. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [10] P. Bouyer, C. Dufourd, E. Fleury, and A. Petit. Expressiveness of updatable timed automata. In Mogens Nielsen and Branislav Rován, ed-

- itors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 232–242. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [11] Thomas Buchholz, Andreas Klein, and Martin Kutrib. Iterative arrays with small time bounds. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 243–252. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [12] Rostislav Čaha and Petr Gregor. Embedding fibonacci cubes into hypercubes with $\omega(2^{cn})$ faulty nodes. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 253–263. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [13] Arturo Carpi and Aldo de Luca. Periodic-like words. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 264–274. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [14] Olivier Carton and Wolfgang Thomas. The monadic theory of morphic infinite words and generalizations. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 275–284. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [15] Francesc Comellas, Margarida Mitjana, Lata Narayanan, and Jaroslav Opatrny. Optical routing of uniform instances in tori. In Mogens Nielsen

- and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 285–294. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [16] Silvano Dal Zilio and Andrew D. Gordon. Region analysis and a π -calculus with groups. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 1–20. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [17] James H. Davenport. Abstract data types in computer algebra. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 21–35. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [18] Frank S. de Boer and Marcello M. Bonsangue. A compositional model for confluent dynamic data-flow networks. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 212–221. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [19] Clelia De Felice. Factorizing codes and schützenberger conjectures. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 295–303. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [20] Camil Demetrescu and Giuseppe F. Italiano. What do we learn from experimental algorithmics? In Mogens Nielsen and Branislav Rován,

- editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 36–51. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [21] M. Dezani-Ciancaglini, F. Honsell, and Y. Motohama. Compositional characterizations of λ -terms using intersection types. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 304–313. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [22] Stefan Dobrev. Time and message optimal leader election in asynchronous oriented complete networks. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 314–322. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [23] Arnaud Durand, Miki Hermann, and Phokion G. Kolaitis. Subtractive reductions and complete problems for counting complexity classes. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 323–332. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [24] Todd Ebert and Heribert Vollmer. On the autoreducibility of random sequences. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 333–342. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [25] Zoltán Éssik. Iteration theories of boolean functions. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 343–352. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [26] A. Finkel and G. Sutre. An algorithm constructing the semilinear post* for 2-dim reset/transfer vass. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 353–362. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [27] D.A. Fotakis, S.E. Nikolettseas, V.G. Papadopoulou, and P.G. Spirakis. np -completeness results and efficient approximations for radio-coloring in planar graphs. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 363–372. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [28] Philippa Gardner and Lucian Wischik. Explicit fusions. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 373–382. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [29] Jan Friso Groote and Jaco van de Pol. State space reduction using partial τ -confluence. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 383–393. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [30] Radu Grosu. And/or hierarchies and round abstraction. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 52–63. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [31] Edith Hemaspaandra and Lane A. Hemaspaandra. Computational politics: Electoral systems. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 64–83. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [32] Lane A. Hemaspaandra, Mitsunori Ogihara, and Gerd Wechsung. Reducing the number of solutions of np functions. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 394–404. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [33] Jesper G. Henriksen, Madhavan Mukund, K. Narayan Kumar, and P.S. Thiagarajan. Regular collections of message sequence charts. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 405–414. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [34] Markus Holzer and Pierre McKenzie. Alternating and empty alternating auxiliary stack automata. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages

415–425. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [35] Oscar H. Ibarra, Jianwen Su, Zhe Dang, Tevfik Bultan, and Richard Kemmerer. Counter machines: Decidable properties and applications to verification problems. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 426–435. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [36] Kazuo Iwama, Akihiro Matsuura, and Mike Paterson. A family of nfa's which need $2^n - \alpha$ deterministic states. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 436–445. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [37] Klaus Jansen and Lorant Porkolab. Preemptive scheduling on dedicated processors: Applications of fractional graph coloring. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 446–455. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [38] Ondřej Klíma and Jiří Srba. Matching modulo associativity and idempotency is *np*-complete. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 456–466. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [39] Phokion G. Kolaitis and Moshe Y. Vardi. 0-1 laws for fragments of existential second-order logic: A survey. In Mogens Nielsen and

- Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 84–98. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [40] Sven Kosub. On np -partitions over posets with an application to reducing the set of solutions of np problems. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 467–476. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [41] Daniel Král'. Algebraic and uniqueness properties of parity ordered binary decision diagrams and their generalization. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 477–487. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [42] Werner Kuich. Formal series over algebras. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 488–496. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [43] Orna Kupferman and Moshe Y. Vardi. μ -calculus synthesis. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 497–507. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [44] Grégory Lafitte and Jacques Mazoyer. The infinite versions of $\text{logspace} \neq p$ are consistent with the axioms of set theory. In Mogens

- Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 508–517. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [45] Ruggero Lanotte and Andrea Maggiolo-Schettini. Timed automata with monotonic activities. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 518–527. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [46] Vadim V. Lozin. On a generalization of bi-complement reducible graphs. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 528–538. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [47] Olivier Ly. Automatic graphs and graph d0l-systems. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 539–548. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [48] Sabrina Mantaci, Vincent D. Blondel, and Jean Mairesse. Bilinear functions and trees over the $(\max, +)$ semiring. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 549–558. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [49] Angelo Montanari, Alberto Policriti, and Matteo Slanina. Derivability in locally quantified modal logics via translation in set theory. In Mogens

- Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 559–568. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [50] Ugo Montanari and Marco Pistore. π -calculus, structured coalgebras and minimal hd-automata. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 569–578. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [51] David Peleg. Informative labeling schemes for graphs. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 579–588. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [52] Holger Petersen. Separation results for rebound automata. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 589–598. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [53] Giovanni Pighizzini. Unary pushdown automata and auxiliary space lower bounds. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 599–608. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [54] Leonor Prensa Nieto and Javier Esparza. Verifying single and multi-mutator garbage collectors with owicki-gries in isabelle/hol. In Mogens

- Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 619–628. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [55] Alexander Rabinovich and Shahar Maoz. Why so many temporal logics climb up the trees? In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 629–639. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [56] Steffen Reith and Heribert Vollmer. Optimal satisfiability for propositional calculi and constraint satisfaction problems. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 640–649. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [57] Petr Savický and Detlef Sieling. A hierarchy result for read-once branching programs with restricted parity nondeterminism. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 650–659. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [58] Thomas Schwentick. On diving in trees. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 660–669. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [59] Miki Tanaka. Abstract syntax and variable binding for linear binders. In Mogens Nielsen and Branislav Rován, editors, *Proceed-*

- ings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 670–679. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [60] Tanguy Urvoy. Regularity of congruential graphs. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 680–689. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [61] Jaco van de Pol and Hans Zantema. Binary decision diagrams by shared rewriting. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 609–618. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [62] Jan van Leeuwen and Jiří Wiedermann. On algorithms and interaction. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 99–113. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [63] Klaus Wich. Sublinear ambiguity. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 690–698. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [64] Hiroaki Yamamoto. An automata-based recognition algorithm for semi-extended regular expressions. In Mogens Nielsen and Branislav Rován,

editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 699–708. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [65] Shmuel Zaks. On the use of duality and geometry in layouts for atm networks. In Mogens Nielsen and Branislav Rován, editors, *Proceedings of the 25th International Symposium on Mathematical Foundations of Computer Science, MFCS'2000 (Bratislava, Slovakia, August 28 - September 1, 2000)*, volume 1893 of *LNCS*, pages 114–131. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.