References

[1] C. Àlvarez, M. Blesa, J. Díaz, A. Fernández, and M. Serna. Adversarial models for priority-based networks. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 142–151. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[2] Kazuyuki Amano and Akira Maruoka. On optimal merging networks. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 152–161. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[3] Klaus Ambos-Spies. Problems which cannot be reduced to any proper subproblems. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 162–168. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[4] Siva Anantharaman, Paliath Narendran, and Michael Rusinowitch. Acid-unification is nexptime-decidable. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 169–178. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[5] G. Ausiello, C. Bazgan, M. Demange, and V.Th. Paschos. Completeness in differential approximation classes. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 179–188. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[6] Kensuke Baba, Satoshi Tsuruta, Ayumi Shinohara, and Masayuki Takeda. On the length of the minimum solution of word equations in one variable. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 189–197. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[7] Cyril Banderier, René Beier, and Kurt Mehlhorn. Smoothed analysis of three combinatorial problems. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 198–207. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[8] Hideo Bannai, Shunsuke Inenaga, Ayumi Shinohara, and Masayuki Takeda. Inferring strings from graphs and arrays. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 208–217. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[9] Robert Benkoczi, Binay Bhattacharya, Marek Chrobak, Lawrence L. Larmore, and Wojciech Rytter. Faster algorithms for k-medians in trees. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 218–227. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[10] F. Blanchard, J. Cervelle, and E. Formenti. Periodicity and transitivity for cellular automata in besicovitch topologies. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 228–238. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[11] Hans L. Bodlaender, Michael R. Fellows, and Dimitrios M. Thilikos. Starting with nondeterminism: The systematic derivation of linear-time graph layout algorithms. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 239–248. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[12] Elmar Böhler, Christian Glaßer, and Daniel Meister. Error-bounded probabilistic computations between ma and am. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 249–258. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[13] Paul S. Bonsma, Tobias Brueggemann, and Gerhard J. Woeginger. A faster fpt algorithm for finding spanning trees with many leaves. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 259–268. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[14] Michele Boreale and Maria Grazia Buscemi. Symbolic analysis of crypto-protocols based on modular exponentiation. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 269–278. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[15] Michele Boreale and Fabio Gadducci. Denotational testing semantics in coinductive form. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 279–289. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[16] Henrik Brosenne, Matthias Homeister, and Stephan Waack. Lower bounds for general graph-driven read-once parity branching programs. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 290–299. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[17] Antonio Bucciarelli and Antonino Salibra. The minimal graph model of lambda calculus. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 300–307. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[18] Harry Buhrman and Hein Röhrig. Distributed quantum computing. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 1–20. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[19] Olivier Carton. Unambiguous automata on bi-infinite words. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 308–317. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[20] Ivana Černá and Radek Pelánek. Relating hierarchy of temporal properties to model checking. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 318–327. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[21] Hubie Chen. Arithmetic constant-depth circuit complexity classes. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th In-*

ternational Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003), volume 2747 of *LNCS*, pages 328–337. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[22] Hubie Chen. Inverse *np* problems. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 338–347. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[23] Zhi-Zhong Chen and Mitsuharu Kouno. A linear-time algorithm for 7-coloring 1-planar graphs. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 348–357. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[24] Victor Dalmau and Daniel K. Ford. Generalized satisfiability with limited occurrences per variable: A study through delta-matroid parity. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 358–367. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[25] Gianluca De Marco and Andrzej Pelc. Randomized algorithms for determining the majority on graphs. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 368–377. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[26] Christian Delhommé, Teodor Knapik, and D. Gnanaraj Thomas. Using transitive-closure logic for deciding linear properties of monoids. In

Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 378–387. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[27] Jean-Pierre Duval, Roman Kolpakov, Gregory Kucherov, Thierry Lecroq, and Arnaud Lefebvre. Linear-time computation of local periods. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 388–397. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[28] Leah Epstein. Two dimensional packing: The power of rotation. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 398–407. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[29] Leah Epstein and Tamir Tassa. Approximation schemes for the min-max starting time problem. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 408–418. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[30] R. Feldmann, M. Gairing, Thomas Lücking, Burkhard Monien, and Manuel Rode. Selfish routing in non-cooperative networks: A survey. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 21–45. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[31] Katalin Friedl, Frédéric Magniez, Miklos Santha, and Pranab Sen. Quantum testers for hidden group properties. In Branislav Rovan

and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 419–428. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[32] Paul Gastin, Madhavan Mukund, and K. Narayan Kumar. Local ltl with past constants is expressively complete for mazurkiewicz traces. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 429–438. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[33] Paul Gastin and Denis Oddoux. Ltl with past and two-way very-weak alternating automata. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 439–448. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[34] Alfons Geser, Dieter Hofbauer, and Johannes Waldmann. Match-bounded string rewriting systems. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 449–459. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[35] Roberto Gorrieri and Fabio Martinelli. Process algebraic frameworks for the specification and analysis of cryptographic protocols. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 46–67. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[36] Gregor Gramlich. Probabilistic and nondeterministic unary automata. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th In-*

ternational Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003), volume 2747 of *LNCS*, pages 460–469. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[37] Jo Hannay, Shin-ya Katsumata, and Donald Sannella. Semantic and syntactic approaches to simulation relations. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 68–91. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[38] Petr Hliněný. On matroid properties definable in the mso logic. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 470–479. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[39] Oscar H. Ibarra, Zhe Dang, Omer Egecioglu, and Gaurav Saxena. Characterizations of catalytic membrane computing systems. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 480–489. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[40] Toshimasa Ishii and Masayuki Hagiwara. Augmenting local edge-connectivity between vertices and vertex subsets in undirected graphs. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 490–499. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[41] Piotr Krysta, Peter Sanders, and Berthold Vöcking. Scheduling and traffic allocation for tasks with bounded splittability. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science,*

MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003), volume 2747 of *LNCS*, pages 500–510. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[42] Miroslaw Kutyłowski and Daniel Letkiewicz. Computing average value in ad hoc networks. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 511–520. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[43] Sławomir Lasota. A polynomial-time algorithm for deciding true concurrency equivalences of basic parallel processes. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 521–530. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[44] Christof Löding and Philipp Rohde. Solving the sabotage game is *p*space-hard. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 531–540. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[45] Yann Loyer and Umberto Straccia. The approximate well-founded semantics for logic programs with uncertainty. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 541–550. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[46] Thomas Lücking, Marios Mavronicolas, Burkhard Monien, Manuel Rode, Paul Spirakis, and Imrich Vrto. Which is the worst-case nash equilibrium? In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations*

of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003), volume 2747 of *LNCS*, pages 551–561. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[47] Bas Luttik. A unique decomposition theorem for ordered monoids with applications in process theory. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 562–571. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[48] Conrado Martínez and Xavier Molinero. Generic algorithms for the generation of combinatorial objects. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 572–581. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[49] Giancarlo Mauri and Alberto Leporati. On the computational complexity of conservative computing. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 92–112. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[50] K. Meer. On the complexity of some problems in interval arithmetic. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 582–591. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[51] Carlo Meghini, Yannis Tzitzikas, and Nicolas Spyratos. An abduction-based method for index relaxation in taxonomy-based sources. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume

2747 of *LNCS*, pages 592–601. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[52] Wolfgang Merkle and Jan Reimann. On selection functions that do not preserve normality. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 602–611. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[53] Peter Bro Miltersen, Jaikumar Radhakrishnan, and Ingo Wegener. On converting cnf to dnf. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 612–621. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[54] N. Pisanti, M. Crochemore, R. Grossi, and M.-F. Sagot. A basis of tiling motifs for generating repeated patterns and its complexity for higher quorum. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 622–631. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[55] Steffen Reith. On the complexity of some equivalence problems for propositional calculi. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 632–641. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[56] Stéphane Riedweg and Sophie Pinchinat. Quantified mu-calculus for control synthesis. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29,*

2003), volume 2747 of *LNCS*, pages 642–651. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[57] Marcin Rychlik. On probabilistic quantified satisfiability games. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 652–661. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[58] Saeed Salehi. A completeness property of wilke's tree algebras. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 662–670. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[59] Wolfgang Thomas. Constructing infinite graphs with a decidable mso-theory. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 113–124. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[60] Ingo Wegener. Towards a theory of randomized search heuristics. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 125–141. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[61] Philipp Woelfel. Symbolic topological sorting with obdds. In Branislav Rovan and Peter Vojtáš, editors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 671–680. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

[62] Xizhong Zheng, Robert Rettinger, and Romain Gengler. Ershov's hierarchy of real numbers. In Branislav Rovan and Peter Vojtáš, edi-

tors, *Proceedings of the 28th International Symposium on Mathematical Foundations of Computer Science, MFCS'2003 (Bratislava, Slovakia, August 25-29, 2003)*, volume 2747 of *LNCS*, pages 681–690. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.