References

[1] Klaus Ambos-Spies and Edgar Busse. Computational aspects of disjunctive sequences. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 711–722. Springer-Verlag, Berlin-Heidelberg, 2004.

[2] Yves André, Anne-Cécile Caron, Denis Debarbieux, Yves Roos, and Sophie Tison. Extraction and implication of path constraints. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 863–875. Springer-Verlag, Berlin-Heidelberg, 2004.

[3] Sebastian Bab and Arfst Nickelsen. One query reducibilities between partial information classes. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 404–415. Springer-Verlag, Berlin-Heidelberg, 2004.

[4] Nadine Baumann and Ekkehard Köhler. Approximating earliest arrival flows with flow-dependent transit times. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 599–610. Springer-Verlag, Berlin-Heidelberg, 2004.

[5] Marie-Pierre Béal, Francesca Fiorenzi, and Dominique Perrin. A hierarchy of irreducible sofic shifts. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 611–622. Springer-Verlag, Berlin-Heidelberg, 2004.

[6] Martin Beaudry, José M. Fernandez, and Markus Holzer. A common algebraic description for probabilistic and quantum computations. In

Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 851–862. Springer-Verlag, Berlin-Heidelberg, 2004.

[7] Vincent Bernardi, Bruno Durand, Enrico Formenti, and Jarkko Kari. A new dimension sensitive property for cellular automata. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 416–426. Springer-Verlag, Berlin-Heidelberg, 2004.

[8] Alina Beygelzimer and Mitsunori Ogihara. The enumerability of collapses to *nc*. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 346–355. Springer-Verlag, Berlin-Heidelberg, 2004.

[9] Therese Biedl, Masud Hasan, and Alejandro López-Ortiz. Efficient view point selection for silhouettes of convex polyhedra. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 735–747. Springer-Verlag, Berlin-Heidelberg, 2004.

[10] Therese Biedl, Anna Lubiw, and Michael J. Spriggs. Angles and lengths in reconfigurations of polygons and polyhedra. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 748–759. Springer-Verlag, Berlin-Heidelberg, 2004.

[11] Henrik Björklund, Sven Sandberg, and Sergei Vorobyov. A combinatorial strongly subexponential strategy improvement algorithm for mean payoff games. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech*

Republic, August 22-27, 2004), volume 3153 of *LNCS*, pages 673–685. Springer-Verlag, Berlin-Heidelberg, 2004.

[12] Hans-Joachim Böckenhauer and Dirk Bongartz. Protein folding in the hp model on grid lattices with diagonals. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 227–238. Springer-Verlag, Berlin-Heidelberg, 2004.

[13] Hans L. Bodlaender and Fedor V. Fomin. Equitable colorings of bounded treewidth graphs. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 180–190. Springer-Verlag, Berlin-Heidelberg, 2004.

[14] Elmar Böhler, Christian Glaßer, Bernhard Schwarz, and Klaus Wagner. Generation problems. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 392–403. Springer-Verlag, Berlin-Heidelberg, 2004.

[15] Eduardo Bonelli, Adriana Compagnoni, Mariangiola Dezani-Ciancaglini, and Pablo Garralda. Boxed ambients with communication interfaces. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 119–148. Springer-Verlag, Berlin-Heidelberg, 2004.

[16] Endre Boros, Khaled Elbassioni, Vladimir Gurvich, Leonid Khachiyan, and Kazuhisa Makino. Generating paths and cuts in multi-pole (di)graphs. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 298–309. Springer-Verlag, Berlin-Heidelberg, 2004.

[17] Béatrice Bouchou, Denio Duarte, Mírian Halfeld Ferrari Alves, Dominique Laurent, and Martin A. Musicante. Schema evolution for xml: A consistency-preserving approach. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 876–888. Springer-Verlag, Berlin-Heidelberg, 2004.

[18] Matthew Brand, Sarah Frisken, Neal Lesh, Joe Marks, Daniel Nikovski, Ron Perry, and Jonathan Yedidia. Theory and applied computing: Observations and anecdotes. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 106–118. Springer-Verlag, Berlin-Heidelberg, 2004.

[19] Hajo Broersma, Fedor V. Fomin, and Gerhard J. Woeginger. Parallel knock-out schemes in networks. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 204–214. Springer-Verlag, Berlin-Heidelberg, 2004.

[20] Ioannis Caragiannis, Aleksei Fishkin, Christos Kaklamanis, and Evi Papaioannou. Online algorithms for disk graphs. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 215–226. Springer-Verlag, Berlin-Heidelberg, 2004.

[21] Hubie Chen and Martin Pál. Optimization, games, and quantified constraint satisfaction. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 239–250. Springer-Verlag, Berlin-Heidelberg, 2004.

[22] Jianer Chen, Xiuzhen Huang, Iyad A. Kanj, and Ge Xia. Polynomial time approximation schemes and parameterized complexity. In

Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 500–512. Springer-Verlag, Berlin-Heidelberg, 2004.

[23] Miroslav Chlebík and Janka Chlebíková. On approximation hardness of the minimum 2sat-delition problem. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 263–273. Springer-Verlag, Berlin-Heidelberg, 2004.

[24] Marcel Crasmaru, Christian Glaßer, Kenneth W. Regan, and Samik Sengupta. A protocol for serializing unique strategies. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 660–672. Springer-Verlag, Berlin-Heidelberg, 2004.

[25] Alfredo De Santis, Giovanni Di Crescenzo, and Giuseppe Persiano. On nc^1 boolean circuit composition of non-interactive perfect zero-knowledge. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 356–367. Springer-Verlag, Berlin-Heidelberg, 2004.

[26] Erik D. Demaine, MohammadTaghi Hajiaghayi, and Dimitrios M. Thilikos. The bidimensional theory of bounded-genus graphs. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 191–203. Springer-Verlag, Berlin-Heidelberg, 2004.

[27] Benjamin Doerr, Nils Hebbinghaus, and Sören Werth. Improved bounds and schemes for the declustering problem. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004*

(Prague, Czech Republic, August 22-27, 2004), volume 3153 of *LNCS*, pages 760–771. Springer-Verlag, Berlin-Heidelberg, 2004.

[28] Michael Domaratzki and Kai Salomaa. Decidability of trajectory-based equations. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 723–734. Springer-Verlag, Berlin-Heidelberg, 2004.

[29] Rod Downey. Some recent progress in algorithmic randomness. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 42–83. Springer-Verlag, Berlin-Heidelberg, 2004.

[30] Robert Elsässer, Ulf Lorenz, and Thomas Sauerwald. Agent-based information handling in large networks. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 586–598. Springer-Verlag, Berlin-Heidelberg, 2004.

[31] Leah Epstein and Tamir Tassa. Optimal preemptive scheduling for general target functions. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 562–573. Springer-Verlag, Berlin-Heidelberg, 2004.

[32] Zoltán Ésik and Werner Kuich. An algebraic generalization of ω-regular languages. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 648–659. Springer-Verlag, Berlin-Heidelberg, 2004.

[33] Henning Fernau and David Juedes. A geometric approach to parameterized algorithms for domination problems on planar graphs. In Jiří Fiala,

Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 488–499. Springer-Verlag, Berlin-Heidelberg, 2004.

[34] Pierre Fraigniaud, David Ilcinkas, Guy Peer, Andrzej Pelc, and David Peleg. Graph exploration by a finite automaton. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 451–462. Springer-Verlag, Berlin-Heidelberg, 2004.

[35] Martin Gairing, Thomas Lücking, Marios Mavronicolas, and Burkhard Monien. The price of anarchy for polynomial social cost. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 574–585. Springer-Verlag, Berlin-Heidelberg, 2004.

[36] Hugo Gimbert and Wiesław Zielonka. When can you play positionally? In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 686–697. Springer-Verlag, Berlin-Heidelberg, 2004.

[37] Andre Gronemeier. Approximating boolean functions by obdds. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 251–262. Springer-Verlag, Berlin-Heidelberg, 2004.

[38] Magnús M. Halldórsson and Guy Kortsarz. Multicoloring: Problems and techniques. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical*

Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004), volume 3153 of *LNCS*, pages 25–41. Springer-Verlag, Berlin-Heidelberg, 2004.

[39] Kristoffer Arnsfelt Hansen and Peter Bro Miltersen. Some meet-in-the-middle circuit lower bounds. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 334–345. Springer-Verlag, Berlin-Heidelberg, 2004.

[40] Edith Hemaspaandra, Lane A. Hemaspaandra, and Harald Hempel. All superlinear inverse schemes are co*np*-hard. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 368–379. Springer-Verlag, Berlin-Heidelberg, 2004.

[41] Edith Hemaspaandra, Lane A. Hemaspaandra, Stanisław Radziszowski, and Rahul Tripathi. Complexity results in graph reconstruction. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 287–297. Springer-Verlag, Berlin-Heidelberg, 2004.

[42] John M. Hitchcock, María López-Valdés, and Elvira Mayordomo. Scaled dimension and the kolmogorov complexity of turing-hard sets. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 476–487. Springer-Verlag, Berlin-Heidelberg, 2004.

[43] Petr Hliněný. Crossing number is hard for cubic graphs. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 772–782. Springer-Verlag, Berlin-Heidelberg, 2004.

[44] Lucian Ilie, Pascal Ochem, and Jeffrey Shallit. A generalization of repetition threshold. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 818–826. Springer-Verlag, Berlin-Heidelberg, 2004.

[45] Akinori Kawachi, Hirotada Kobayashi, Takeshi Koshiba, and Raymond H. Putra. Universal test for quantum one-way permutations. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 839–850. Springer-Verlag, Berlin-Heidelberg, 2004.

[46] Elias Koutsoupias. Congestion games and coordination mechanisms. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 177–179. Springer-Verlag, Berlin-Heidelberg, 2004.

[47] Daniel Král' and Pavel Nejedlý. Group coloring and list group coloring are π_2^p-complete. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 274–286. Springer-Verlag, Berlin-Heidelberg, 2004.

[48] Ruggero Lanotte, Andrea Maggiolo-Schettini, and Adriano Peron. Structural model checking for communicating hierarchical machines. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 525–536. Springer-Verlag, Berlin-Heidelberg, 2004.

[49] Troy Lee and Andrei Romashchenko. On polynomially time bounded symmetry of information. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on

Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004), volume 3153 of *LNCS*, pages 463–475. Springer-Verlag, Berlin-Heidelberg, 2004.

[50] Alexei Lisitsa and Igor Potapov. Membership and reachability problems for row-monomial transformations. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 623–634. Springer-Verlag, Berlin-Heidelberg, 2004.

[51] Yann Loyer and Umberto Straccia. Epistemic foundation of the well-founded semantics over bilattices. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 513–524. Springer-Verlag, Berlin-Heidelberg, 2004.

[52] Olivier Ly. Compositional verification: Decidability issues using graph substitutions. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 537–549. Springer-Verlag, Berlin-Heidelberg, 2004.

[53] Wim Martens, Frank Neven, and Thomas Schwentick. Complexity of decision problems for simple regular expressions. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 889–900. Springer-Verlag, Berlin-Heidelberg, 2004.

[54] Rolf Niedermeier. Ubiquitous parameterization — invitation to fixed-parameter algorithms. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 84–103. Springer-Verlag, Berlin-Heidelberg, 2004.

[55] Harumichi Nishimura and Tomoyuki Yamakami. An algorithmic argument for nonadaptive query complexity lower bounds on advised quantum computation. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 827–838. Springer-Verlag, Berlin-Heidelberg, 2004.

[56] Gustav Nordh. The complexity of equivalence and isomorphism of systems of equations over finite groups. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 380–391. Springer-Verlag, Berlin-Heidelberg, 2004.

[57] Zeev Nutov and Raphael Yuster. Packing directed cycles efficiently. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 310–321. Springer-Verlag, Berlin-Heidelberg, 2004.

[58] Alexander Okhotin. The dual of concatenation. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 698–710. Springer-Verlag, Berlin-Heidelberg, 2004.

[59] Elena Petre. An elementary proof for the non-parametrizability of the equation $xyz = zvx$. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 807–817. Springer-Verlag, Berlin-Heidelberg, 2004.

[60] Libor Polák. On pseudovarieties of semiring homomorphisms. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27,*

2004), volume 3153 of *LNCS*, pages 635–647. Springer-Verlag, Berlin-Heidelberg, 2004.

[61] Victor Poupet. Simulating 3d cellular automata with 2d cellular automata. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 439–450. Springer-Verlag, Berlin-Heidelberg, 2004.

[62] Victor L. Selivanov and Klaus W. Wagner. A reducibility for the dot-depth hierarchy. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 783–793. Springer-Verlag, Berlin-Heidelberg, 2004.

[63] Guillaume Theyssier. Captive cellular automata. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 427–438. Springer-Verlag, Berlin-Heidelberg, 2004.

[64] Jerzy Tiuryn, Ryszard Rudnicki, and Damian Wójtowicz. A case study of genome evolution: From continuous to discrete time model. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 1–24. Springer-Verlag, Berlin-Heidelberg, 2004.

[65] Stephen D. Travers. The complexity of membership problems for circuits over sets of integers. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 322–333. Springer-Verlag, Berlin-Heidelberg, 2004.

[66] Rob van Glabbeek and Gordon Plotkin. Event structures for resolvable conflict. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, ed-

itors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 550–561. Springer-Verlag, Berlin-Heidelberg, 2004.

[67] Uzi Vishkin. Pram-on-chip: A quest for not-so-obvious non-obviousness. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 104–105. Springer-Verlag, Berlin-Heidelberg, 2004.

[68] Pascal Weil. Algebraic recognizability of languages. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 149–175. Springer-Verlag, Berlin-Heidelberg, 2004.

[69] Emo Welzl. Geometric optimization and unique sink orientations of cubes. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 176–176. Springer-Verlag, Berlin-Heidelberg, 2004.

[70] Klaus Wich. Sublogarithmic ambiguity. In Jiří Fiala, Koubek, Václav, and Jan Kratochviíl, editors, *Proceedings of the 29th International Symposium on Mathematical Foundations of Computer Science, MFCS'2004 (Prague, Czech Republic, August 22-27, 2004)*, volume 3153 of *LNCS*, pages 794–806. Springer-Verlag, Berlin-Heidelberg, 2004.