References

[1] O. Aichholzer, C. Huemer, S. Kappes, B. Speckmann, and C.D. Tóth. Decompositions, partitions, and coverings with convex polygons and pseudo-triangles. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 86–97. Springer-Verlag, Berlin-Heidelberg, 2006.

[2] Lyudmil Aleksandrov, Hristo N. Djidjev, Hua Guo, Anil Maheshwari, Doron Nussbaum, and Jörg-Rüdiger Sack. Approximate shortest path queries on weighted polyhedral surfaces. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 98–109. Springer-Verlag, Berlin-Heidelberg, 2006.

[3] Cyril Allauzen and Mehryar Mohri. A unified construction of the glushkov, follow, and antimirov automata. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 110–121. Springer-Verlag, Berlin-Heidelberg, 2006.

[4] Pablo Arrighi. Algebraic characterizations of unitary linear quantum cellular automata. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 122–133. Springer-Verlag, Berlin-Heidelberg, 2006.

[5] V. Arvind and Piyush P. Kurur. A polynomial time nilpotence test for galois groups and related results. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 134–145. Springer-Verlag, Berlin-Heidelberg, 2006.

[6] Richard Beigel, William Gasarch, and James Glenn. The multiparty communication complexity of exact-t: Improved bounds and new problems. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 146–156. Springer-Verlag, Berlin-Heidelberg, 2006.

[7] Jean Berstel and Alessandra Savelli. Crochemore factorization of sturmian and other infinite words. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 157–166. Springer-Verlag, Berlin-Heidelberg, 2006.

[8] F. Blanchet-Sadri, D. Dakota Blair, and Rebeca V. Lewis. Equations on partial words. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 167–178. Springer-Verlag, Berlin-Heidelberg, 2006.

[9] Joan Boyar and René Peralta. Concrete multiplicative complexity of symmetric functions. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 179–189. Springer-Verlag, Berlin-Heidelberg, 2006.

[10] Laurent Boyer, Victor Poupet, and Guillaume Theyssier. On the complexity of limit sets of cellular automata associated with probability measures. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 190–201. Springer-Verlag, Berlin-Heidelberg, 2006.

[11] Ulrik Brandes and Jürgen Lerner. Coloring random 3-colorable graphs with non-uniform edge probabilities. In Rastislav Královič and Paweł

Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 202–213. Springer-Verlag, Berlin-Heidelberg, 2006.

[12] Arnaud Carayol and Didier Caucal. The kleene equality for graphs. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 214–225. Springer-Verlag, Berlin-Heidelberg, 2006.

[13] Arturo Carpi. On the repetition threshold for large alphabets. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 226–237. Springer-Verlag, Berlin-Heidelberg, 2006.

[14] Jianer Chen, Iyad A. Kanj, and Ge Xia. Improved parameterized upper bounds for vertex cover. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 238–249. Springer-Verlag, Berlin-Heidelberg, 2006.

[15] Qi Cheng. On comparing sums of square roots of small integers. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 250–255. Springer-Verlag, Berlin-Heidelberg, 2006.

[16] A. Cherubini, P. Gawrychowski, A. Kisielewicz, and B. Piochi. A combinatorial approach to collapsing words. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 256–266. Springer-Verlag, Berlin-Heidelberg, 2006.

[17] Johanne Cohen, Fedor Fomin, Pinar Heggernes, Dieter Kratsch, and Gregory Kucherov. Optimal linear arrangement of interval graphs. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 267–279. Springer-Verlag, Berlin-Heidelberg, 2006.

[18] Sorin Constantinescu and Lucian Ilie. The lempel-ziv complexity of fixed points of morphisms. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 280–291. Springer-Verlag, Berlin-Heidelberg, 2006.

[19] Vincent Cremet, François Garillot, Sergueï Lenglet, and Martin Odersky. A core calculus for scala type checking. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 1–23. Springer-Verlag, Berlin-Heidelberg, 2006.

[20] Volker Diekert, Markus Lohrey, and Alexander Miller. Partially commutative inverse monoids. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 292–304. Springer-Verlag, Berlin-Heidelberg, 2006.

[21] Norbert Dojer. Learning bayesian networks does not have to be *np*-hard. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 305–314. Springer-Verlag, Berlin-Heidelberg, 2006.

[22] Michael Domaratzki and Kai Salomaa. Lower bounds for the transition complexity of nfas. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical*

Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006), volume 4162 of *LNCS*, pages 315–326. Springer-Verlag, Berlin-Heidelberg, 2006.

[23] M. Dynia, J. Kutyłowski, F. Meyer auf der Heide, and C. Schindelhauer. Smart robot teams exploring sparse trees. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 327–338. Springer-Verlag, Berlin-Heidelberg, 2006.

[24] Wael El Oraiby and Dominique Schmitt. k-sets of convex inclusion chains of planar point sets. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 339–350. Springer-Verlag, Berlin-Heidelberg, 2006.

[25] Robert Elsässer. Toward the eigenvalue power law. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 351–362. Springer-Verlag, Berlin-Heidelberg, 2006.

[26] Angelo Fanelli, Michele Flammini, Giovanna Melideo, and Luca Moscardelli. Multicast transmissions in non-cooperative networks with a limited number of selfish moves. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 363–374. Springer-Verlag, Berlin-Heidelberg, 2006.

[27] Lance Fortnow and Mitsunori Ogihara. Very sparse leaf languages. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 375–386. Springer-Verlag, Berlin-Heidelberg, 2006.

[28] Pierre Fraigniaud, David Ilcinkas, and Andrzej Pelc. Tree exploration with an oracle. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 24–37. Springer-Verlag, Berlin-Heidelberg, 2006.

[29] Anna Gál and Vladimir Trifonov. On the correlation between parity and modular polynomials. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 387–398. Springer-Verlag, Berlin-Heidelberg, 2006.

[30] Luisa Gargano and Adele A. Rescigno. Optimally fast data gathering in sensor networks. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 399–411. Springer-Verlag, Berlin-Heidelberg, 2006.

[31] Cyril Gavoille. Distributed data structures: A survey on informative labeling schemes. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 38–38. Springer-Verlag, Berlin-Heidelberg, 2006.

[32] Viliam Geffert. Magic numbers in the state hierarchy of finite automata. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 412–423. Springer-Verlag, Berlin-Heidelberg, 2006.

[33] Herman Geuvers and Iris Loeb. From deduction graphs to proof nets: Boxes and sharing in the graphical presentation of deductions. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer*

Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006), volume 4162 of *LNCS*, pages 39–57. Springer-Verlag, Berlin-Heidelberg, 2006.

[34] Beat Gfeller, Leon Peeters, Birgitta Weber, and Peter Widmayer. Online single machine batch scheduling. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 424–435. Springer-Verlag, Berlin-Heidelberg, 2006.

[35] Christian Glaßer and Stephen Travers. Machines that can output empty words. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 436–446. Springer-Verlag, Berlin-Heidelberg, 2006.

[36] Sergey Goncharov, Lutz Schröder, and Till Mossakowski. Completeness of global evaluation logic. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 447–458. Springer-Verlag, Berlin-Heidelberg, 2006.

[37] Martin Grohe. The structure of tractable constraint satisfaction problems. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 58–72. Springer-Verlag, Berlin-Heidelberg, 2006.

[38] Andre Gronemeier. Nof-multiparty information complexity bounds for pointer jumping. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 459–470. Springer-Verlag, Berlin-Heidelberg, 2006.

7

[39] Xiaoyang Gu and Jack H. Lutz. Dimension characterizations of complexity classes. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 471–479. Springer-Verlag, Berlin-Heidelberg, 2006.

[40] Refael Hassin, Jérôme Monnot, and Danny Segev. Approximation algorithms and hardness results for labeled connectivity problems. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 480–491. Springer-Verlag, Berlin-Heidelberg, 2006.

[41] Yoram Hirshfeld and Alexander Rabinovich. An expressive temporal logic for real time. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 492–504. Springer-Verlag, Berlin-Heidelberg, 2006.

[42] Petr Hliněný. On matroid representability and minor problems. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 505–516. Springer-Verlag, Berlin-Heidelberg, 2006.

[43] Martin Hoefer. Non-cooperative tree creation. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 517–527. Springer-Verlag, Berlin-Heidelberg, 2006.

[44] Christopher M. Homan and Lane A. Hemaspaandra. Guarantees for the success frequency of an algorithm for finding dodgson-election winners. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the*

31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006), volume 4162 of *LNCS*, pages 528–539. Springer-Verlag, Berlin-Heidelberg, 2006.

[45] Kazuo Iwama and Hiroki Morizumi. Reductions for monotone boolean circuits. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 540–548. Springer-Verlag, Berlin-Heidelberg, 2006.

[46] Peter Jonsson and Gustav Nordh. Generalised integer programming based on logically defined relations. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 549–560. Springer-Verlag, Berlin-Heidelberg, 2006.

[47] Tomasz Jurdziński. Probabilistic length-reducing automata. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 561–572. Springer-Verlag, Berlin-Heidelberg, 2006.

[48] Marcin Kik. Sorting long sequences in a single hop radio network. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 573–583. Springer-Verlag, Berlin-Heidelberg, 2006.

[49] Ondřej Klíma, Benoît Larose, and Pascal Tesson. Systems of equations over finite semigroups and the #csp dichotomy conjecture. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 584–595. Springer-Verlag, Berlin-Heidelberg, 2006.

[50] Pascal Koiran and Sylvain Perifel. Valiant's model: From exponential sums to exponential products. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 596–607. Springer-Verlag, Berlin-Heidelberg, 2006.

[51] Alexander E. Kostin. A reachability algorithm for general petri nets based on transition invariants. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 608–621. Springer-Verlag, Berlin-Heidelberg, 2006.

[52] Dexter Kozen. On the representation of kleene algebras with tests. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 73–83. Springer-Verlag, Berlin-Heidelberg, 2006.

[53] Fredrik Kuivinen. Approximability of bounded occurrence max ones. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 622–633. Springer-Verlag, Berlin-Heidelberg, 2006.

[54] Martin Kutrib and Andreas Malcher. Fast iterative arrays with restricted inter-cell communication: Constructions and decidability. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 634–645. Springer-Verlag, Berlin-Heidelberg, 2006.

[55] Sławomir Lasota and Wojciech Rytter. Faster algorithm for bisimulation equivalence of normed context-free processes. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006*

10

(*Stará Lesná, Slovakia, August 28 - September 1, 2006*), volume 4162 of *LNCS*, pages 646–657. Springer-Verlag, Berlin-Heidelberg, 2006.

[56] François Le Gall. Quantum weakly nondeterministic communication complexity. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 658–669. Springer-Verlag, Berlin-Heidelberg, 2006.

[57] Rodrigo S.C. Leão and Valmir C. Barbosa. Minimal chordal sense of direction and circulant graphs. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 670–680. Springer-Verlag, Berlin-Heidelberg, 2006.

[58] Ming Li. From three ideas in tcs to three applications in bioinformatics. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 84–85. Springer-Verlag, Berlin-Heidelberg, 2006.

[59] Yury Lifshits and Markus Lohrey. Querying and embedding compressed texts. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 681–692. Springer-Verlag, Berlin-Heidelberg, 2006.

[60] Maria Lopez-Valdes. Lempel-ziv dimension for lempel-ziv compression. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 693–703. Springer-Verlag, Berlin-Heidelberg, 2006.

[61] Guillaume Malod and Natacha Portier. Characterizing valiant's algebraic complexity classes. In Rastislav Královič and Paweł Urzyczyn, ed-

itors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 704–716. Springer-Verlag, Berlin-Heidelberg, 2006.

[62] Marios Mavronicolas, Loizos Michael, Vicky Papadopoulou, Anna Philippou, and Paul Spirakis. The price of defense. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 717–728. Springer-Verlag, Berlin-Heidelberg, 2006.

[63] Linh Anh Nguyen. The data complexity of mdatalog in basic modal logics. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 729–740. Springer-Verlag, Berlin-Heidelberg, 2006.

[64] Aris Pagourtzis and Stathis Zachos. The complexity of counting functions with easy decision version. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 741–752. Springer-Verlag, Berlin-Heidelberg, 2006.

[65] Giuseppe Persiano and Ivan Visconti. On non-interactive zero-knowledge proofs of knowledge in the shared random string model. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 753–764. Springer-Verlag, Berlin-Heidelberg, 2006.

[66] Sasanka Roy, Arindam Karmakar, Sandip Das, and Subhas C. Nandy. Constrained minimum enclosing circle with center on a query line segment. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 -*

September 1, 2006), volume 4162 of *LNCS*, pages 765–776. Springer-Verlag, Berlin-Heidelberg, 2006.

[67] Holger Spakowski and Rahul Tripathi. Hierarchical unambiguity. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 777–788. Springer-Verlag, Berlin-Heidelberg, 2006.

[68] A.N. Trahtman. An efficient algorithm finds noticeable trends and examples concerning the černy conjecture. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 789–800. Springer-Verlag, Berlin-Heidelberg, 2006.

[69] Damian Wójtowicz and Jerzy Tiuryn. On genome evolution with innovation. In Rastislav Královič and Paweł Urzyczyn, editors, *Proceedings of the 31st International Symposium on Mathematical Foundations of Computer Science, MFCS'2006 (Stará Lesná, Slovakia, August 28 - September 1, 2006)*, volume 4162 of *LNCS*, pages 801–811. Springer-Verlag, Berlin-Heidelberg, 2006.