

References

- [1] Marcel R. Ackermann, Johannes Blömer, Daniel Kuntze, and Christian Sohler. Analysis of agglomerative clustering. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 308–319. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [2] Susanne Albers. Algorithms for dynamic speed scaling. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 1–11. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [3] Antonios Antoniadis, Falk Hüffner, Pascal Lenzner, Carsten Moldenhauer, and Alexander Souza. Balanced interval coloring. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 531–542. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [4] Markus Aschinger, Conrad Drescher, Georg Gottlob, Peter Jeavons, and Evgenij Thorstensen. Structural decomposition methods and what they are good for. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 12–28. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [5] Maxim Babenko and Alexey Gusakov. New exact and approximation algorithms for the star packing problem in undirected graphs. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of

Leibniz International Proceedings in Informatics (LIPIcs), pages 519–530. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.

- [6] Laurent Bienvenu, Wolfgang Merkle, and André Nies. Solovay functions and k -triviality. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 452–463. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [7] Francine Blanchet-Sadri and John Lensmire. On minimal sturmian partial words. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 225–236. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [8] Markus Bläser and Christian Engels. Randomness efficient testing of sparse black box identities of unbounded degree over the reals. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 555–566. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [9] Hans L. Bodlaender, Bart M.P. Jansen, and Stefan Kratsch. Cross-composition: A new technique for kernelization lower bounds. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 165–176. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [10] Mikolai Bojańczyk. Data monoids. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International*

Proceedings in Informatics (LIPIcs), pages 105–116. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.

- [11] Alex Borello, Gaétan Richard, and Véronique Terrier. A speed-up of oblivious multi-head finite automata by cellular automata. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 273–283. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [12] Ana Bušić, Jean Mairesse, and Irène Marcovici. Probabilistic cellular automata, invariant measures, and perfect sampling. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 296–307. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [13] Saverio Caminiti, Irene Finocchi, and Emanuele G. Fusco. Local dependency dynamic programming in the presence of memory faults. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 45–56. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [14] John Case and Timo Kötzing. Measuring learning complexity with criteria epitomizers. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 320–331. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [15] Jérémie Chalopin, Shantanu Das, Yann Disser, Matúš Mihalák, and Peter Widmayer. Telling convex from reflex allows to map a polygon. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science,*

STACS'2011 (Dortmund, Germany, March 10-12, 2011), volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 153–164. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.

- [16] Sze-Hang Chan, Tak-Wah Lam, and Lap-Kei Lee. Scheduling for weighted flow time and energy with rejection penalty. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 392–403. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [17] Andrew M. Childs and Robin Kothari. Quantum query complexity of minor-closed graph properties. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 661–672. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [18] Hubert Comon-Lundh and Véronique Cortier. How to prove security of communication protocols? a discussion on the soundness of formal models w.r.t. computational ones. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 29–44. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [19] Samir Datta, Raghav Kulkarni, Raghunath Tewari, and N. Variyam Vinodchandran. Space complexity of perfect matching in bounded genus bipartite graphs. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 579–590. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [20] Erik D. Demaine, Matthew J. Patitz, Robert T. Schweller, and Scott M. Summers. Self-assembly of arbitrary shapes using rnase enzymes: Meet-

ing the kolmogorov bound with small scale factor. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 201–212. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.

- [21] Dariusz Dereniowski. From pathwidth to connected pathwidth. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 416–427. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [22] Adrian Dumitrescu, André Schulz, Adam Sheffer, and Csaba D. Tóth. Bounds on the maximum multiplicity of some common geometric graphs. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 637–648. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [23] Martin Dyer and David Richerby. The #csp dichotomy is decidable. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 261–272. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [24] Christian E.J. Eggermont, Alexander Schrijver, and Gerhard J. Woeginger. Analysis of multi-stage open shop processing systems. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 484–494. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [25] Nazim Fatès. Stochastic cellular automata solve the density classification problem with an arbitrary precision. In Thomas Schwentick and

Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 284–295. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.

- [26] Diego Figueira and Luc Segoufin. Bottom-up automata on data trees and vertical xpath. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 93–104. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [27] Fedor V. Fomin, Daniel Lokshtanov, Neeldhara Misra, Geevarghese Philip, and Saket Saurabh. Hitting forbidden minors: Approximation and kernelization. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 189–200. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [28] Dominik D. Freydenberger. Extended regular expressions: Succinctness and decidability. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 507–518. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [29] Dominik D. Freydenberger, Hossein Nevisi, and Daniel Reidenbach. Weakly unambiguous morphisms. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 213–224. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.

- [30] Anna Gál and Andrew Mills. Three query locally decodable codes with higher correctness require exponential length. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 673–684. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [31] Robert Ganian, Petr Hliněný, and Jan Obdržálek. Clique-width: When hard does not mean impossible. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 404–415. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [32] George Giakkoupis. Tight bounds for rumor spreading in graphs of a given conductance. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 57–68. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [33] Bruno Grenet, Erich L. Kaltofen, Pascal Koiran, and Natacha Portier. Symmetric determinantal representation of weakly-skew circuits. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 543–554. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [34] Stefan Gulan. Graphs encoded by regular expressions. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 495–506. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.

- [35] Heng Guo, Sangxia Huang, Pinyan Lu, and Mingji Xia. The complexity of weighted boolean #csp modulo k . In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 249–260. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [36] Magnús M. Halldórsson, Boaz Patt-Shamir, and Dror Rawitz. Online scheduling with interval conflicts. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 472–483. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [37] Timon Hertli, Robin A. Moser, and Dominik Scheder. Improving ppsz for 3-sat using critical variables. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 237–248. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [38] Bart M.P. Jansen and Hans L. Bodlaender. Vertex cover kernelization revisited: Upper and lower bounds for a refined parameter. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 177–188. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [39] Jakub Kallas, Manfred Kufleitner, and Alexander Lauser. First-order fragments with successor over infinite words. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 356–367. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.

- [40] Haim Kaplan and Yahav Nussbaum. Minimum $s - t$ cut in undirected planar graphs when the source and the sink are close. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 117–128. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [41] Howard Karloff, Flip Korn, Konstantin Makarychev, and Yuval Rabani. On parsimonious explanations for 2-d tree- and linearly-ordered data. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 332–343. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [42] Jonathan A. Kelner and Alex Levin. Spectral sparsification in the semi-streaming setting. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 440–451. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [43] Christian Knauer, Hans Raj Tiwary, and Daniel Werner. On the computational complexity of ham-sandwich cuts, helly sets, and related problems. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 649–660. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [44] Petr Kolman and Christian Scheideler. Towards duality of multicommodity multiroute cuts and flows: Multilevel ball-growing. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 129–140. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.

- [45] Liah Kor, Amos Korman, and David Peleg. Tight bounds for distributed mst verification. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 69–80. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [46] Denis Kuperberg. Linear temporal logic for regular cost functions. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 627–636. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [47] Orna Kupferman, Yoad Lustig, Moshe Y. Vardi, and Mihalis Yannakakis. Temporal synthesis for bounded systems and environments. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 615–626. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [48] Alejandro López-Ortiz and Claude-Guy Quimper. A fast algorithm for multi-machine scheduling problems with jobs of equal processing times. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 380–391. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [49] Andrew McGregor, Atri Rudra, and Steve Uurtamo. Polynomial fitting of data streams with applications to codeword testing. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 428–439. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.

- [50] George B. Mertzios. The recognition of triangle graphs. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 591–602. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [51] Martin Mundhenk and Felix Weiß. The model checking problem for propositional intuitionistic logic with one variable is ac^1 -complete. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 368–379. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [52] Paweł Parys. Collapse operation increases expressive power of deterministic higher order pushdown automata. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 603–614. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [53] Youming Qiao, Jayalal Sarma M.N., and Bangsheng Tang. On isomorphism testing of groups with normal hall subgroups. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 567–578. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [54] Andrey Yu. Rumyantsev. Everywhere complex sequences and the probabilistic method. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 464–471. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.

- [55] Luc Segoufin and Szymon Toruńczyk. Automata based verification over linearly ordered data domains. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 81–92. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [56] Balder ten Cate and Luc Segoufin. Unary negation. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 344–355. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.
- [57] Jiun-Jie Wang and Xin He. Compact visibility representation of plane graphs. In Thomas Schwentick and Christoph Dürr, editors, *Proceedings of the 28th International Symposium on Theoretical Aspects of Computer Science, STACS'2011 (Dortmund, Germany, March 10-12, 2011)*, volume 9 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 141–152. Dagstuhl Publishing, Saarbrücken/Wadern, 2011.