References

[1] Klaus Ambos-Spies and Timur Bakibayev. Weak completeness notions for exponential time. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 503–514. Springer-Verlag, Berlin-Heidelberg, 2010.

[2] Amihood Amir, Estrella Eisenberg, Avivit Levy, Ely Porat, and Natalie Shapira. Cycle detection and correction. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 43–54. Springer-Verlag, Berlin-Heidelberg, 2010.

[3] Aris Anagnostopoulos, Fabrizio Grandoni, Stefano Leonardi, and Piotr Sankowski. Online network design with outliers. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 114–126. Springer-Verlag, Berlin-Heidelberg, 2010.

[4] Benny Applebaum, Yuval Ishai, and Eyal Kushilevitz. From secrecy to soundness: Efficient verification via secure computation. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 152–163. Springer-Verlag, Berlin-Heidelberg, 2010.

[5] Albert Atserias and Elitza Maneva. Mean-payoff games and propositional proofs. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10,*

2010), volume 6198 of *LNCS*, pages 102–113. Springer-Verlag, Berlin-Heidelberg, 2010.

[6] Nikhil Bansal, Niv Buchbinder, and Joseph (Seffi) Naor. Metrical task systems and the k-server problem on hsts. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 287–298. Springer-Verlag, Berlin-Heidelberg, 2010.

[7] Nikhil Bansal and Subhash Khot. Inapproximability of hypergraph vertex cover and applications to scheduling problems. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 250–261. Springer-Verlag, Berlin-Heidelberg, 2010.

[8] Nikhil Bansal, Ravishankar Krishnaswamy, and Viswanath Nagarajan. Better scalable algorithms for broadcast scheduling. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 324–335. Springer-Verlag, Berlin-Heidelberg, 2010.

[9] MohammadHossein Bateni, MohammadTaghi Hajiaghayi, Nicole Immorlica, and Hamid Mahini. The cooperative game theory foundations of network bargaining games. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 67–78. Springer-Verlag, Berlin-Heidelberg, 2010.

[10] Amos Beimel, Sebastian Ben Daniel, Eyal Kushilevitz, and Enav Weinreb. Choosing, agreeing, and eliminating in communication complexity. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer

auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 451–462. Springer-Verlag, Berlin-Heidelberg, 2010.

[11] Amitava Bhattacharya, Bhaskar DasGupta, Dhruv Mubayi, and György Turán. On approximate horn formula minimization. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 438–450. Springer-Verlag, Berlin-Heidelberg, 2010.

[12] Andreas Björklund, Thore Husfeldt, Petteri Kaski, and Mikko Koivisto. Covering and packing in linear space. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 727–737. Springer-Verlag, Berlin-Heidelberg, 2010.

[13] Mikołaj Bojańczyk and Paweł Parys. Efficient evaluation of nondeterministic automata using factorization forests. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 515–526. Springer-Verlag, Berlin-Heidelberg, 2010.

[14] Nicolas Bonichon, Cyril Gavoille, Nicolas Hanusse, and Ljubomir Perković. Plane spanners of maximum degree six. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 19–30. Springer-Verlag, Berlin-Heidelberg, 2010.

[15] Allan Borodin and Brendan Lucier. On the limitations of greedy mechanism design for truthful combinatorial auctions. In Samson Abramsky,

Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 90–101. Springer-Verlag, Berlin-Heidelberg, 2010.

[16] Jop Briët, Fernando Mário de Oliveira Filho, and Frank Vallentin. The positive semidefinite grothendieck problem with rank constraint. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 31–42. Springer-Verlag, Berlin-Heidelberg, 2010.

[17] Jin-Yi Cai, Xi Chen, and Pinyan Lu. Graph homomorphisms with complex values: A dichotomy theorem. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 275–286. Springer-Verlag, Berlin-Heidelberg, 2010.

[18] Mahdi Cheraghchi. Improved constructions for non-adaptive threshold group testing. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 552–564. Springer-Verlag, Berlin-Heidelberg, 2010.

[19] Richard Cole and Vijaya Ramachandran. Resource oblivious sorting on multicores. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 226–237. Springer-Verlag, Berlin-Heidelberg, 2010.

[20] Holger Dell, Thore Husfeldt, and Martin Wahlén. Exponential time complexity of the permanent and the tutte polynomial. In Samson Abram-

sky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 426–437. Springer-Verlag, Berlin-Heidelberg, 2010.

[21] Martin Dietzfelbinger, Andreas Goerdt, Michael Mitzenmacher, Andrea Montanari, Rasmus Pagh, and Michael Rink. Tight thresholds for cuckoo hashing via xorsat. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 213–225. Springer-Verlag, Berlin-Heidelberg, 2010.

[22] Ran Duan. New data structures for subgraph connectivity. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 201–212. Springer-Verlag, Berlin-Heidelberg, 2010.

[23] Friedrich Eisenbrand, Nicolai Hähnle, Martin Niemeier, Martin Skutella, José Verschae, and Andreas Wiese. Scheduling periodic tasks in a hard real-time environment. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 299–311. Springer-Verlag, Berlin-Heidelberg, 2010.

[24] Leah Epstein, Asaf Levin, and Rob van Stee. Max-min online allocations with a reordering buffer. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 336–347. Springer-Verlag, Berlin-Heidelberg, 2010.

[25] Jittat Fakcharoenphol, Bundit Laekhanukit, and Danupon Nanongkai. Faster algorithms for semi-matching problems. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 176–187. Springer-Verlag, Berlin-Heidelberg, 2010.

[26] Nikolaos Fountoulakis and Konstantinos Panagiotou. Orientability of random hypergraphs and the power of multiple choices. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 348–359. Springer-Verlag, Berlin-Heidelberg, 2010.

[27] Iftah Gamzu and Danny Segev. A sublogarithmic approximation for highway and tollbooth pricing. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 582–593. Springer-Verlag, Berlin-Heidelberg, 2010.

[28] Loukas Georgiadis. Testing 2-vertex connectivity and computing pairs of vertex-disjoint $s-t$ paths in digraphs. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 738–749. Springer-Verlag, Berlin-Heidelberg, 2010.

[29] Leslie Ann Goldberg and Mark Jerrum. Approximating the partition function of the ferromagnetic potts model. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 396–407. Springer-Verlag, Berlin-Heidelberg, 2010.

[30] Fabrizio Grandoni and Thomas Rothvoß. Network design via core detouring for problems without a core. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 490–502. Springer-Verlag, Berlin-Heidelberg, 2010.

[31] Mark Greve, Allan Grønlund Jørgensen, Kasper Dalgaard Larsen, and Jakob Truelsen. Cell probe lower bounds and approximations for range mode. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 605–616. Springer-Verlag, Berlin-Heidelberg, 2010.

[32] Roberto Grossi, Alessio Orlandi, and Rajeev Raman. Optimal trade-offs for succinct string indexes. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 678–689. Springer-Verlag, Berlin-Heidelberg, 2010.

[33] Anupam Gupta, Ravishankar Krishnaswamy, and Kirk Pruhs. Scalably scheduling power-heterogeneous processors. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 312–323. Springer-Verlag, Berlin-Heidelberg, 2010.

[34] Anupam Gupta, Viswanath Nagarajan, and R. Ravi. Approximation algorithms for optimal decision trees and adaptive tsp problems. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 690–701. Springer-Verlag, Berlin-Heidelberg, 2010.

[35] Anupam Gupta, Viswanath Nagarajan, and R. Ravi. Thresholded covering algorithms for robust and max-min optimization. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 262–274. Springer-Verlag, Berlin-Heidelberg, 2010.

[36] Venkatesan Guruswami, Subhash Khot, Ryan O'Donnell, Preyas Popat, Madhur Tulsiani, and Yi Wu. Sdp gaps for 2-to-1 and other label-cover variants. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 617–628. Springer-Verlag, Berlin-Heidelberg, 2010.

[37] Venkatesan Guruswami and Rishi Saket. On the inapproximability of vertex cover on k-partite k-uniform hypergraphs. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 360–371. Springer-Verlag, Berlin-Heidelberg, 2010.

[38] Bjarni V. Halldórsson, Magnús M. Halldórsson, Elena Losievskaja, and Mario Szegedy. Streaming algorithms for independent sets. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 641–652. Springer-Verlag, Berlin-Heidelberg, 2010.

[39] Tobias Harks and Max Klimm. On the existence of pure nash equilibria in weighted congestion games. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France,*

July 6-10, 2010), volume 6198 of *LNCS*, pages 79–89. Springer-Verlag, Berlin-Heidelberg, 2010.

[40] John Iacono and Özgür Özkan. Mergeable dictionaries. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 164–175. Springer-Verlag, Berlin-Heidelberg, 2010.

[41] Tsuyoshi Ito. Polynomial-space approximation of no-signaling provers. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 140–151. Springer-Verlag, Berlin-Heidelberg, 2010.

[42] Tobias Jacobs, Ferdinando Cicalese, Eduardo Laber, and Marco Molinaro. On the complexity of searching in trees: Average-case minimization. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 527–539. Springer-Verlag, Berlin-Heidelberg, 2010.

[43] Rosa M. Jiménez and Conrado Martínez. Interval sorting. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 238–249. Springer-Verlag, Berlin-Heidelberg, 2010.

[44] Johannes Köbler, Sebastian Kuhnert, Bastian Laubner, and Oleg Verbitsky. Interval graphs: Canonical representation in logspace. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 384–395. Springer-Verlag, Berlin-Heidelberg, 2010.

[45] Daniel Král'. Decomposition width of matroids. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 55–66. Springer-Verlag, Berlin-Heidelberg, 2010.

[46] Stefan Kratsch and Magnus Wahlström. Preprocessing of min ones problems: A dichotomy. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 653–665. Springer-Verlag, Berlin-Heidelberg, 2010.

[47] Hari Krovi, Frédéric Magniez, Maris Ozols, and Jérémie Roland. Finding is as easy as detecting for quantum walks. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 540–551. Springer-Verlag, Berlin-Heidelberg, 2010.

[48] Troy Lee and Shengyu Zhang. Composition theorems in communication complexity. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 475–489. Springer-Verlag, Berlin-Heidelberg, 2010.

[49] Jian Li, Ke Yi, and Qin Zhang. Clustering with diversity. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 188–200. Springer-Verlag, Berlin-Heidelberg, 2010.

[50] Benoît Libert and Moti Yung. Efficient completely non-malleable public key encryption. In Samson Abramsky, Cyril Gavoille, Claude Kirchner,

Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 127–139. Springer-Verlag, Berlin-Heidelberg, 2010.

[51] Bruce Litow. On sums of roots of unity. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 420–425. Springer-Verlag, Berlin-Heidelberg, 2010.

[52] Konstantin Makarychev, Rajsekar Manokaran, and Maxim Sviridenko. Maximum quadratic assignment problem: Reduction from maximum label cover and lp-based approximation algorithm. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 594–604. Springer-Verlag, Berlin-Heidelberg, 2010.

[53] Burkhard Monien, Dominic Dumrauf, and Tobias Tscheuschner. Local search: Simple, successful, but sometimes sluggish. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 1–17. Springer-Verlag, Berlin-Heidelberg, 2010.

[54] Mihai Pătraşcu and Mikkel Thorup. On the k-independence required by linear probing and minwise independence. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 715–726. Springer-Verlag, Berlin-Heidelberg, 2010.

[55] Ronitt Rubinfeld and Ning Xie. Testing non-uniform k-wise independent distributions over product spaces. In Samson Abramsky, Cyril Gavoille,

Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 565–581. Springer-Verlag, Berlin-Heidelberg, 2010.

[56] Atri Rudra and Steve Uurtamo. Data stream algorithms for codeword testing. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 629–640. Springer-Verlag, Berlin-Heidelberg, 2010.

[57] Juanjo Rué, Ignasi Sau, and Dimitrios M. Thilikos. Dynamic programming for graphs on surfaces. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 372–383. Springer-Verlag, Berlin-Heidelberg, 2010.

[58] Amir Shpilka and Ilya Volkovich. On the relation between polynomial identity testing and finding variable disjoint factors. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 408–419. Springer-Verlag, Berlin-Heidelberg, 2010.

[59] Emo Welzl. When conflicting constraints can be resolved — the lovász local lemma and satisfiability. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 18–18. Springer-Verlag, Berlin-Heidelberg, 2010.

[60] David P. Woodruff. Additive spanners in nearly quadratic time. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer

auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 463–474. Springer-Verlag, Berlin-Heidelberg, 2010.

[61] Mingji Xia. Holographic reduction: A domain changed application and its partial converse theorems. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 666–677. Springer-Verlag, Berlin-Heidelberg, 2010.

[62] Andrew C. Yao, Moti Yung, and Yunlei Zhao. Concurrent knowledge extraction in the public-key model. In Samson Abramsky, Cyril Gavoille, Claude Kirchner, Friedhelm Meyer auf der Heide, and Paul G. Spirakis, editors, *Proceedings of the 37th International Colloquium on Automata, Languages and Programming, ICALP'2010, Part I (Bordeaux, France, July 6-10, 2010)*, volume 6198 of *LNCS*, pages 702–714. Springer-Verlag, Berlin-Heidelberg, 2010.