References

[1] Abhijin Adiga, Rajesh Chitnis, and Saket Saurabh. Parameterized algorithms for boxicity. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 366–377. Springer-Verlag, Berlin-Heidelberg, 2010.

[2] Kazuyuki Amano. New upper bounds on the average ptf density of boolean functions. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 304–315. Springer-Verlag, Berlin-Heidelberg, 2010.

[3] Amihood Amir, Estrella Eisenberg, and Avivit Levy. Approximate periodicity. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 25–36. Springer-Verlag, Berlin-Heidelberg, 2010.

[4] Maxim A. Babenko. A faster algorithm for the maximum even factor problem. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 451–462. Springer-Verlag, Berlin-Heidelberg, 2010.

[5] Evripidis Bampis, Alexander Kononov, Giorgio Lucarelli, and Ioannis Milis. Bounded max-colorings of graphs. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 353–365. Springer-Verlag, Berlin-Heidelberg, 2010.

[6] Piotr Berman, Marek Karpinski, and Alexander Zelikovsky. A 3/2-approximation algorithm for generalized steiner trees in complete graphs with edge lengths 1 and 2. In Otfried Cheong, Kyung-Yong Chwa,

and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 15–24. Springer-Verlag, Berlin-Heidelberg, 2010.

[7] Immanuel Bomze, Markus Chimani, Michael Jünger, Ivana Ljubić, Petra Mutzel, and Bernd Zey. Solving two-stage stochastic steiner tree problems by two-stage branch-and-cut. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 427–439. Springer-Verlag, Berlin-Heidelberg, 2010.

[8] Prosenjit Bose and Karim Douïeb. Should static search trees ever be unbalanced? In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 109–120. Springer-Verlag, Berlin-Heidelberg, 2010.

[9] Ljiljana Brankovic and Henning Fernau. Combining two worlds: Parameterised approximation for vertex cover. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 390–402. Springer-Verlag, Berlin-Heidelberg, 2010.

[10] Andrej Brodnik and John Iacono. Unit-time predecessor queries on massive data sets. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 133–144. Springer-Verlag, Berlin-Heidelberg, 2010.

[11] Jin-Yi Cai, Sangxia Huang, and Pinyan Lu. From holant to #csp and back: Dichotomy for holant^c problems. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 253–265. Springer-Verlag, Berlin-Heidelberg, 2010.

2

[12] Paz Carmi and Michiel Smid. An optimal algorithm for computing angle-constrained spanners. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 316–327. Springer-Verlag, Berlin-Heidelberg, 2010.

[13] Erin Chambers and David Eppstein. Flows in one-crossing-minor-free graphs. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 241–252. Springer-Verlag, Berlin-Heidelberg, 2010.

[14] Siu-Wing Cheng, Christian Knauer, Stefan Langerman, and Michiel Smid. Approximating the average stretch factor of geometric graphs. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 37–48. Springer-Verlag, Berlin-Heidelberg, 2010.

[15] David W. Cheung, Nikos Mamoulis, W.K. Wong, S.M. Yiu, and Ye Zhang. Anonymous fuzzy identity-based encryption for similarity search. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 61–72. Springer-Verlag, Berlin-Heidelberg, 2010.

[16] Denys Duchier, Jérôme Durand-Lose, and Maxime Senot. Fractal parallelism: Solving sat in bounded space and time. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 279–290. Springer-Verlag, Berlin-Heidelberg, 2010.

[17] David Eppstein. Regular labelings and geometric structures. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings*

of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010), volume 6506 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg, 2010.

[18] David Eppstein, Maarten Löffler, and Darren Strash. Listing all maximal cliques in sparse graphs in near-optimal time. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 403–414. Springer-Verlag, Berlin-Heidelberg, 2010.

[19] Hugo Férée, Emmanuel Hainry, Mathieu Hoyrup, and Romain Péchoux. Interpretation of stream programs: Characterizing type 2 polynomial time complexity. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 291–303. Springer-Verlag, Berlin-Heidelberg, 2010.

[20] Matt Franklin. Algorithmic aspects of secure computation and communication. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 2–2. Springer-Verlag, Berlin-Heidelberg, 2010.

[21] Mark Giesbrecht, Daniel S. Roche, and Hrushikesh Tilak. Computing sparse multiples of polynomials. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 266–278. Springer-Verlag, Berlin-Heidelberg, 2010.

[22] Michael T. Goodrich and Darren Strash. Priority range trees. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 97–108. Springer-Verlag, Berlin-Heidelberg, 2010.

[23] Thomas Dueholm Hansen and Uri Zwick. Lower bounds for howard's algorithm for finding minimum mean-cost cycles. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 415–426. Springer-Verlag, Berlin-Heidelberg, 2010.

[24] Kazuo Iwama, Harumichi Nishimura, Rudy Raymond, and Junichi Teruyama. Quantum counterfeit coin problems. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 85–96. Springer-Verlag, Berlin-Heidelberg, 2010.

[25] Kazuo Iwama, Kazuhisa Seto, Tadashi Takai, and Suguru Tamaki. Improved randomized algorithms for 3-sat. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 73–84. Springer-Verlag, Berlin-Heidelberg, 2010.

[26] Krishnam Raju Jampani and Anna Lubiw. Simultaneous interval graphs. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 206–217. Springer-Verlag, Berlin-Heidelberg, 2010.

[27] Jozef Jirásek and Pavel Klavík. Structural and complexity aspects of line systems of graphs. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 157–168. Springer-Verlag, Berlin-Heidelberg, 2010.

[28] Marek Karpinski and Warren Schudy. Faster algorithms for feedback arc set tournament, kemeny rank aggregation and betweenness tournament.

In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 3–14. Springer-Verlag, Berlin-Heidelberg, 2010.

[29] Telikepalli Kavitha, Meghana Nasre, and Prajakta Nimbhorkar. Popularity at minimum cost. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 145–156. Springer-Verlag, Berlin-Heidelberg, 2010.

[30] Angsheng Li and Peng Zhang. Unbalanced graph partitioning. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 218–229. Springer-Verlag, Berlin-Heidelberg, 2010.

[31] Hongyu Liang and Jing He. Satisfiability with index dependency. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 49–60. Springer-Verlag, Berlin-Heidelberg, 2010.

[32] Vincent Limouzy. Seidel minor, permutation graphs and combinatorial properties. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 194–205. Springer-Verlag, Berlin-Heidelberg, 2010.

[33] George B. Mertzios and Shmuel Zaks. On the intersection of tolerance and cocomparability graphs. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 230–240. Springer-Verlag, Berlin-Heidelberg, 2010.

[34] Yuichiro Miyamoto, Takeaki Uno, and Mikio Kubo. Levelwise mesh sparsification for shortest path queries. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 121–132. Springer-Verlag, Berlin-Heidelberg, 2010.

[35] André Nichterlein, Rolf Niedermeier, Johannes Uhlmann, and Mathias Weller. On tractable cases of target set selection. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 378–389. Springer-Verlag, Berlin-Heidelberg, 2010.

[36] Akiyoshi Shioura. Neighbor systems, jump systems, and bisubmodular polyhedra. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 169–181. Springer-Verlag, Berlin-Heidelberg, 2010.

[37] Joachim Spoerhase. An optimal algorithm for single maximum coverage location on trees and related problems. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 440–450. Springer-Verlag, Berlin-Heidelberg, 2010.

[38] Dirk Sudholt and Christine Zarges. Analysis of an iterated local search algorithm for vertex coloring. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 340–352. Springer-Verlag, Berlin-Heidelberg, 2010.

[39] Jinhui Xu, Lei Xu, and Yulai Xie. Approximating minimum bending energy path in a simple corridor. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island,*

Korea, December 15-17, 2010), volume 6506 of *LNCS*, pages 328–339. Springer-Verlag, Berlin-Heidelberg, 2010.

[40] Bingbing Zhuang and Hiroshi Nagamochi. Generating trees on multisets. In Otfried Cheong, Kyung-Yong Chwa, and Kunsoo Park, editors, *Proceedings of the 21st International Symposium on Algorithms and Computation, ISAAC'2010, Part I (Jeju Island, Korea, December 15-17, 2010)*, volume 6506 of *LNCS*, pages 182–193. Springer-Verlag, Berlin-Heidelberg, 2010.