References

[1] Mohammad Ali Abam, Zahed Rahmati, and Alireza Zarei. Kinetic pie delaunay graph and its applications. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 48–58. Springer-Verlag, Berlin-Heidelberg, 2012.

[2] Antonios Antoniadis and Chien-Chung Huang. Non-preemptive speed scaling. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 249–260. Springer-Verlag, Berlin-Heidelberg, 2012.

[3] Rom Aschner, Matthew J. Katz, and Gila Morgenstern. Do directional antennas facilitate in reducing interferences? In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 201–212. Springer-Verlag, Berlin-Heidelberg, 2012.

[4] Aistis Atminas, Vadim V. Lozin, and Igor Razgon. Linear time algorithm for computing a small biclique in graphs without long induced paths. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 142–152. Springer-Verlag, Berlin-Heidelberg, 2012.

[5] Babak Behsaz and Mohammad R. Salavatipour. On minimum sum of radii and diameters clustering. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 71–82. Springer-Verlag, Berlin-Heidelberg, 2012.

[6] Babak Behsaz, Mohammad R. Salavatipour, and Zoya Svitkina. New approximation algorithms for the unsplittable capacitated facility location problem. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory,*

SWAT'2012 (Helsinki, Finland, July 4-6, 2012), volume 7357 of *LNCS*, pages 237–248. Springer-Verlag, Berlin-Heidelberg, 2012.

[7] Philip Bille, Inge Li Gørtz, Hjalte Wedel Vildhøj, and Søren Vind. String indexing for patterns with wildcards. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 283–294. Springer-Verlag, Berlin-Heidelberg, 2012.

[8] Markus Bläser, Konstatinos Panagiotou, and Raghavendra Rao. A probabilistic analysis of christofides' algorithm. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 225–236. Springer-Verlag, Berlin-Heidelberg, 2012.

[9] Hans L. Bodlaender, Bart M.P. Jansen, and Stefan Kratsch. Kernel bounds for structural parameterizations of pathwidth. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 352–363. Springer-Verlag, Berlin-Heidelberg, 2012.

[10] Glencora Borradaile, Seth Pettie, and Christian Wulff-Nilsen. Connectivity oracles for planar graphs. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 316–327. Springer-Verlag, Berlin-Heidelberg, 2012.

[11] Joan Boyar, Sushmita Gupta, and Kim S. Larsen. Access graphs results for lru versus fifo under relative worst order analysis. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 328–339. Springer-Verlag, Berlin-Heidelberg, 2012.

[12] Marie-Louise Bruner and Martin Lackner. A fast algorithm for permutation pattern matching based on alternating runs. In Fedor V. Fomin and

Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 261–270. Springer-Verlag, Berlin-Heidelberg, 2012.

[13] Oleksiy Busaryev, Sergio Cabello, Chao Chen, Tamal K. Dey, and Yusu Wang. Annotating simplices with a homology basis and its applications. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 189–200. Springer-Verlag, Berlin-Heidelberg, 2012.

[14] Timothy M. Chan, Stephane Durocher, Matthew Skala, and Bryan T. Wilkinson. Linear-space data structures for range minority query in arrays. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 295–306. Springer-Verlag, Berlin-Heidelberg, 2012.

[15] Danny Z. Chen, Yan Gu, Jian Li, and Haitao Wang. Algorithms on minimizing the maximum sensor movement for barrier coverage of a linear domain. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 177–188. Springer-Verlag, Berlin-Heidelberg, 2012.

[16] Richard Cleve, Kazuo Iwama, François Le Gall, Harumichi Nishimura, Seiichiro Tani, Junichi Teruyama, and Shigeru Yamashita. Reconstructing strings from substrings with quantum queries. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 388–397. Springer-Verlag, Berlin-Heidelberg, 2012.

[17] Marek Cygan. Deterministic parameterized connected vertex cover. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 95–106. Springer-Verlag, Berlin-Heidelberg, 2012.

[18] Benjamin Doerr, Mahmoud Fouz, and Tobias Friedrich. Asynchronous rumor spreading in preferential attachment graphs. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 307–315. Springer-Verlag, Berlin-Heidelberg, 2012.

[19] Adrian Dumitrescu, Sariel Har-Peled, and Csaba D. Tóth. Minimum convex partitions and maximum empty polytopes. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 213–224. Springer-Verlag, Berlin-Heidelberg, 2012.

[20] Adrian Dumitrescu, Joseph S.B. Mitchell, and Paweł Żyliński. Watchman routes for lines and segments. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 36–47. Springer-Verlag, Berlin-Heidelberg, 2012.

[21] Eldar Fischer, Yonatan Goldhirsh, and Oded Lachish. Testing formula satisfaction. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 376–387. Springer-Verlag, Berlin-Heidelberg, 2012.

[22] Andreas Gemsa, D.T. Lee, Chih-Hung Liu, and Dorothea Wagner. Higher order city voronoi diagrams. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 59–70. Springer-Verlag, Berlin-Heidelberg, 2012.

[23] Mohammad Ghodsi, Anil Maheshwari, Mostafa Nouri, Jörg-Rüdiger Sack, and Hamid Zarrabi-Zadeh. α-visibility. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 1–12. Springer-Verlag, Berlin-Heidelberg, 2012.

[24] Esha Ghosh, Sudeshna Kolay, Mrinal Kumar, Pranabendu Misra, Fahad Panolan, Ashutosh Rai, and M.S. Ramanujan. Faster parameterized algorithms for deletion to split graphs. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 107–118. Springer-Verlag, Berlin-Heidelberg, 2012.

[25] Yiannis Giannakopoulos and Elias Koutsoupias. Competitive analysis of maintaining frequent items of a stream. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 340–351. Springer-Verlag, Berlin-Heidelberg, 2012.

[26] Archontia C. Giannopoulou, Iosif Salem, and Dimitris Zoros. Effective computation of immersion obstructions for unions of graph classes. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 165–176. Springer-Verlag, Berlin-Heidelberg, 2012.

[27] Petr A. Golovach, Daniël Paulusma, and Erik Jan van Leeuwen. Induced disjoint paths in at-free graphs. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 153–164. Springer-Verlag, Berlin-Heidelberg, 2012.

[28] Yijie Han and Tadao Takaoka. An $o(n^3 \log\log n / \log^2 n)$ time algorithm for all pairs shortest paths. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 131–141. Springer-Verlag, Berlin-Heidelberg, 2012.

[29] Tomas Hruz and Marcel Schöngens. A simple framework for the generalized nearest neighbor problem. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops*

on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012), volume 7357 of *LNCS*, pages 83–94. Springer-Verlag, Berlin-Heidelberg, 2012.

[30] Takehiro Ito, Shin-Ichi Nakano, Yoshio Okamoto, Yota Otachi, Ryuhei Uehara, Takeaki Uno, and Yushi Uno. A polynomial-time approximation scheme for the geometric unique coverage problem on unit squares. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 24–35. Springer-Verlag, Berlin-Heidelberg, 2012.

[31] Eun Jung Kim, Christophe Paul, and Geevarghese Philip. A single-exponential fpt algorithm for the k_4-minor cover problem. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 119–130. Springer-Verlag, Berlin-Heidelberg, 2012.

[32] Stefan Kratsch, Marcin Pilipczuk, Ashutosh Rai, and Venkatesh Raman. Kernel lower bounds using co-nondeterminism: Finding induced hereditary subgraphs. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 364–375. Springer-Verlag, Berlin-Heidelberg, 2012.

[33] Yakov Nekrich and Gonzalo Navarro. Sorted range reporting. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 271–282. Springer-Verlag, Berlin-Heidelberg, 2012.

[34] Jessica Sherette and Carola Wenk. Partial matching between surfaces using fréchet distance. In Fedor V. Fomin and Petteri Kaski, editors, *Proceedings of the 13th Scandinavian Symposium and Workshops on Algorithm Theory, SWAT'2012 (Helsinki, Finland, July 4-6, 2012)*, volume 7357 of *LNCS*, pages 13–23. Springer-Verlag, Berlin-Heidelberg, 2012.