References

[1] Isolde Adler and Mamadou Moustapha Kanté. Linear rank-width and linear clique-width of trees. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 12–25. Springer-Verlag, Berlin-Heidelberg, 2013.

[2] Md. Jawaherul Alam, Steven Chaplick, Gašper Fijavž, Michael Kaufmann, Stephen G. Kobourov, and Sergey Pupyrev. Threshold-coloring and unit-cube contact representation of graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 26–37. Springer-Verlag, Berlin-Heidelberg, 2013.

[3] Christopher Auer, Christian Bachmaier, Franz J. Brandenburg, and Kathrin Hanauer. Rolling upward planarity testing of strongly connected graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 38–49. Springer-Verlag, Berlin-Heidelberg, 2013.

[4] Lucila Maria Souza Bento, Davidson Boccardo, Raphael Carlos Santos Machado, Vinícius Gusmão Pereira de Sá, and Luiz Szwarcfiter. Towards a provably resilient scheme for graph-based watermarking. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 50–63. Springer-Verlag, Berlin-Heidelberg, 2013.

[5] Anne Berry and Annegret Wagler. The normal graph conjecture for classes of sparse graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 64–75. Springer-Verlag, Berlin-Heidelberg, 2013.

[6] Hans L. Bodlaender, Stefan Kratsch, and Vincent J.C. Kreuzen. Fixed-parameter tractability and characterizations of small special treewidth. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 88–99. Springer-Verlag, Berlin-Heidelberg, 2013.

[7] Prosenjit Bose, Pat Morin, André van Renssen, and Sander Verdonschot. The θ_5-graph is a spanner. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 100–114. Springer-Verlag, Berlin-Heidelberg, 2013.

[8] Arman Boyacı, Tınaz Ekim, Mordechai Shalom, and Shmuel Zaks. Graphs of edge-intersecting non-splitting paths in a tree: Towards hole representations. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 115–126. Springer-Verlag, Berlin-Heidelberg, 2013.

[9] Hajo Broersma, Jiří Fiala, Petr A. Golovach, Tomáš Kaiser, Daniël Paulusma, and Andrej Proskurowski. Linear-time algorithms for scattering number and hamilton-connectivity of interval graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 127–138. Springer-Verlag, Berlin-Heidelberg, 2013.

[10] Steven Chaplick, Stephen G. Kobourov, and Torsten Ueckerdt. Equilateral l-contact graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 139–151. Springer-Verlag, Berlin-Heidelberg, 2013.

[11] Jianer Chen, Jia-Hao Fan, and Sing-Hoi Sze. Parameterized and approximation algorithms for the maf problem in multifurcating trees. In

Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 152–164. Springer-Verlag, Berlin-Heidelberg, 2013.

[12] Christine T. Cheng, Andrew McConvey, Drew Onderko, Nathaniel Shar, and Charles Tomlinson. Beyond knights and knaves. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 394–405. Springer-Verlag, Berlin-Heidelberg, 2013.

[13] Nina Chiarelli and Martin Milanič. Linear separation of total dominating sets in graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 165–176. Springer-Verlag, Berlin-Heidelberg, 2013.

[14] Manfred Cochefert, Jean-François Couturier, Petr A. Golovach, Dieter Kratsch, and Danieël Paulusma. Sparse square roots. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 177–188. Springer-Verlag, Berlin-Heidelberg, 2013.

[15] Kathryn Cook, Elaine M. Eschen, R. Sritharan, and Xiaoqiang Wang. Completing colored graphs to meet a target property. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 189–200. Springer-Verlag, Berlin-Heidelberg, 2013.

[16] Konrad K. Dabrowski, Petr A. Golovach, and Daniël Paulusma. Colouring of graphs with ramsey-type forbidden subgraphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 201–212. Springer-Verlag, Berlin-Heidelberg, 2013.

[17] Emilio Di Giacomo, Giuseppe Liotta, and Tamara Mchedlidze. Lower and upper bounds for long induced paths in 3-connected planar graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 213–224. Springer-Verlag, Berlin-Heidelberg, 2013.

[18] Carola Doerr, G. Ramakrishna, and Jens M. Schmidt. Computing minimum cycle bases in weighted partial 2-trees in linear time. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 225–236. Springer-Verlag, Berlin-Heidelberg, 2013.

[19] Feodor F. Dragan. Tree-like structures in graphs: A metric point of view. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 1–4. Springer-Verlag, Berlin-Heidelberg, 2013.

[20] Stephane Durocher, Ellen Gethner, and Debajyoti Mondal. Thickness and colorability of geometric graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 237–248. Springer-Verlag, Berlin-Heidelberg, 2013.

[21] Luerbio Faria, Celina M.H. de Figueiredo, R. Bruce Richter, and Imrich Vrt'o. The same upper bound for both: The 2-page and the rectilinear crossing numbers of the n-cube. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 249–260. Springer-Verlag, Berlin-Heidelberg, 2013.

[22] Michael R. Fellows and Bart M.P. Jansen. Fpt is characterized by useful obstruction sets. In Andreas Brandstädt, Klaus Jansen, and Rüdiger

Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 261–273. Springer-Verlag, Berlin-Heidelberg, 2013.

[23] Archontia C. Giannopoulou, Marcin Kamiński, and Dimitrios M. Thilikos. Excluding graphs as immersions in surface embedded graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 274–285. Springer-Verlag, Berlin-Heidelberg, 2013.

[24] Marc Gillé. Obdd-based representation of interval graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 286–297. Springer-Verlag, Berlin-Heidelberg, 2013.

[25] Kathrin Hanauer, Franz J. Brandenburg, and Christopher Auer. Tight upper bounds for minimum feedback arc sets of regular graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 298–309. Springer-Verlag, Berlin-Heidelberg, 2013.

[26] Frank Kammer. A linear-time kernelization for the rooted k-leaf outbranching problem. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 310–320. Springer-Verlag, Berlin-Heidelberg, 2013.

[27] Ton Kloks and Yue-Li Wang. On retracts, absolute retracts, and folds in cographs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 321–332. Springer-Verlag, Berlin-Heidelberg, 2013.

[28] Tomasz Krawczyk, Arkadiusz Pawlik, and Bartosz Walczak. Coloring triangle-free rectangular frame intersection graphs with $o(\log \log n)$ colors. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 333–344. Springer-Verlag, Berlin-Heidelberg, 2013.

[29] Nathan Lindzey and Ross M. McConnell. On finding tucker submatrices and lekkerkerker-boland subgraphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 345–357. Springer-Verlag, Berlin-Heidelberg, 2013.

[30] Kurt Mehlhorn, Adrian Neumann, and Jens M. Schmidt. Certifying 3-edge-connectivity. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 358–369. Springer-Verlag, Berlin-Heidelberg, 2013.

[31] Neeldhara Misra, Fahad Panolan, Ashutosh Rai, Venkatesh Raman, and Saket Saurabh. Parameterized algorithms for MAX COLORABLE INDUCED SUBGRAPH problem on perfect graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 370–381. Springer-Verlag, Berlin-Heidelberg, 2013.

[32] Ragnar Nevries and Christian Rosenke. Characterizing and computing the structure of clique intersections in strongly chordal graphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 382–393. Springer-Verlag, Berlin-Heidelberg, 2013.

[33] André Schulz. Drawing graphs with few arcs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th*

International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013), volume 8165 of *LNCS*, pages 406–417. Springer-Verlag, Berlin-Heidelberg, 2013.

[34] Ola Svensson. Overview of new approaches for approximating tsp. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 5–11. Springer-Verlag, Berlin-Heidelberg, 2013.

[35] Jan Arne Telle and Yngve Villanger. Connecting terminals and 2-disjoint connected subgraphs. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 418–428. Springer-Verlag, Berlin-Heidelberg, 2013.

[36] René van Bevern, Andreas Emil Feldmann, Manuel Sorge, and Ondřej Suchý. On the parameterized complexity of computing graph bisections. In Andreas Brandstädt, Klaus Jansen, and Rüdiger Reischuk, editors, *Proceedings of the 39th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2013 (Lübeck, Germany, June 19-21, 2013)*, volume 8165 of *LNCS*, pages 76–87. Springer-Verlag, Berlin-Heidelberg, 2013.