

References

- [1] Christopher Auer, Christian Bachmaier, Franz J. Brandenburg, Andreas Gleißner, and Kathrin Hanauer. The duals of upward planar graphs on cylinders. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 103–113. Springer-Verlag, Berlin-Heidelberg, 2012.
- [2] Christopher Auer, Christian Bachmaier, Franz J. Brandenburg, Andreas Gleißner, and Kathrin Hanauer. The duals of upward planar graphs on cylinders. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 103–113. Springer-Verlag, Berlin-Heidelberg, 2012.
- [3] Daniel Berend and Amir Sapir. Which multi-peg tower of hanoi problems are exponential? In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 81–90. Springer-Verlag, Berlin-Heidelberg, 2012.
- [4] Daniel Berend and Amir Sapir. Which multi-peg tower of hanoi problems are exponential? In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 81–90. Springer-Verlag, Berlin-Heidelberg, 2012.
- [5] Anne Berry and Annegret Wagler. Triangulation and clique separator decomposition of claw-free graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 7–21. Springer-Verlag, Berlin-Heidelberg, 2012.

- [6] Anne Berry and Annegret Wagler. Triangulation and clique separator decomposition of claw-free graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 7–21. Springer-Verlag, Berlin-Heidelberg, 2012.
- [7] Amitava Bhattacharya. Alternating reachability and integer sum of closed alternating trails: The 3rd annual uri n. peled memorial lecture. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 3–3. Springer-Verlag, Berlin-Heidelberg, 2012.
- [8] Amitava Bhattacharya. Alternating reachability and integer sum of closed alternating trails: The 3rd annual uri n. peled memorial lecture. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 3–3. Springer-Verlag, Berlin-Heidelberg, 2012.
- [9] Péter Biró, Matthijs Bomhoff, Petr A. Golovach, Walter Kern, and Daniël Paulusma. Solutions for the stable roommates problem with payments. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 69–80. Springer-Verlag, Berlin-Heidelberg, 2012.
- [10] Péter Biró, Matthijs Bomhoff, Petr A. Golovach, Walter Kern, and Daniël Paulusma. Solutions for the stable roommates problem with payments. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 69–80. Springer-Verlag, Berlin-Heidelberg, 2012.

- [11] Flavia Bonomo, Gianpaolo Oriolo, and Claudia Snels. Minimum weighted clique cover on strip-composed perfect graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 22–33. Springer-Verlag, Berlin-Heidelberg, 2012.
- [12] Flavia Bonomo, Gianpaolo Oriolo, and Claudia Snels. Minimum weighted clique cover on strip-composed perfect graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 22–33. Springer-Verlag, Berlin-Heidelberg, 2012.
- [13] Nicolas Bousquet, Daniel Gonçalves, George B. Mertzios, Christophe Paul, Ignasi Sau, and Stéphan Thomassé. Parameterized domination in circle graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 308–319. Springer-Verlag, Berlin-Heidelberg, 2012.
- [14] Nicolas Bousquet, Daniel Gonçalves, George B. Mertzios, Christophe Paul, Ignasi Sau, and Stéphan Thomassé. Parameterized domination in circle graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 308–319. Springer-Verlag, Berlin-Heidelberg, 2012.
- [15] Gilad Braunschvig, Shiri Chechik, and David Peleg. Fault tolerant additive spanners. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 206–214. Springer-Verlag, Berlin-Heidelberg, 2012.

- [16] Gilad Braunschvig, Shiri Chechik, and David Peleg. Fault tolerant additive spanners. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 206–214. Springer-Verlag, Berlin-Heidelberg, 2012.
- [17] Sara Brunetti, Gennaro Cordasco, Luisa Gargano, Elena Lodi, and Walter Quattrociocchi. Minimum weight dynamo and fast opinion spreading. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 249–261. Springer-Verlag, Berlin-Heidelberg, 2012.
- [18] Sara Brunetti, Gennaro Cordasco, Luisa Gargano, Elena Lodi, and Walter Quattrociocchi. Minimum weight dynamo and fast opinion spreading. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 249–261. Springer-Verlag, Berlin-Heidelberg, 2012.
- [19] Sabine Büttner, Shiri Chechik, Marcin Jurkiewicz, Moti Medina, Merav Parter, and Roei Tov. Student poster session. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 4–6. Springer-Verlag, Berlin-Heidelberg, 2012.
- [20] Sabine Büttner, Shiri Chechik, Marcin Jurkiewicz, Moti Medina, Merav Parter, and Roei Tov. Student poster session. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 4–6. Springer-Verlag, Berlin-Heidelberg, 2012.

- [21] Carmen Cecilia Centeno, Lucia Draque Penso, Dieter Rautenbach, and Vinícius Gusmão Pereira de Sa. Immediate versus eventual conversion: Comparing geodetic and hull numbers in p_3 -convexity. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 262–273. Springer-Verlag, Berlin-Heidelberg, 2012.
- [22] Carmen Cecilia Centeno, Lucia Draque Penso, Dieter Rautenbach, and Vinícius Gusmão Pereira de Sa. Immediate versus eventual conversion: Comparing geodetic and hull numbers in p_3 -convexity. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 262–273. Springer-Verlag, Berlin-Heidelberg, 2012.
- [23] Steven Chaplick, Vít Jelínek, Jan Kratochvíl, and Tomáš Vyskočil. Bend-bounded path intersection graphs: Sausages, noodles, and waffles on a grill. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 274–285. Springer-Verlag, Berlin-Heidelberg, 2012.
- [24] Steven Chaplick, Vít Jelínek, Jan Kratochvíl, and Tomáš Vyskočil. Bend-bounded path intersection graphs: Sausages, noodles, and waffles on a grill. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 274–285. Springer-Verlag, Berlin-Heidelberg, 2012.
- [25] Marek Cygan, Marcin Pilipczuk, and Michał Pilipczuk. On group feedback vertex set parameterized by the size of the cutset. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel,*

June 26-28, 2012), volume 7551 of LNCS, pages 194–205. Springer-Verlag, Berlin-Heidelberg, 2012.

- [26] Marek Cygan, Marcin Pilipczuk, and Michał Pilipczuk. On group feedback vertex set parameterized by the size of the cutset. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG’2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of LNCS, pages 194–205. Springer-Verlag, Berlin-Heidelberg, 2012.
- [27] Emilio Di Giacomo, Walter Didimo, Giuseppe Liotta, and Fabrizio Montecchiani. h -quasi planar drawings of bounded treewidth graphs in linear area. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG’2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of LNCS, pages 91–102. Springer-Verlag, Berlin-Heidelberg, 2012.
- [28] Emilio Di Giacomo, Walter Didimo, Giuseppe Liotta, and Fabrizio Montecchiani. h -quasi planar drawings of bounded treewidth graphs in linear area. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG’2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of LNCS, pages 91–102. Springer-Verlag, Berlin-Heidelberg, 2012.
- [29] Leah Epstein, Asaf Levin, and Gerhard J. Woeginger. The (weighted) metric dimension of graphs: Hard and easy cases. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG’2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of LNCS, pages 114–125. Springer-Verlag, Berlin-Heidelberg, 2012.
- [30] Leah Epstein, Asaf Levin, and Gerhard J. Woeginger. The (weighted) metric dimension of graphs: Hard and easy cases. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic*

Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012), volume 7551 of *LNCS*, pages 114–125. Springer-Verlag, Berlin-Heidelberg, 2012.

- [31] Mathew C. Francis, Daniel Gonçalves, and Pascal Ochem. The maximum clique problem in multiple interval graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 57–68. Springer-Verlag, Berlin-Heidelberg, 2012.
- [32] Mathew C. Francis, Daniel Gonçalves, and Pascal Ochem. The maximum clique problem in multiple interval graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 57–68. Springer-Verlag, Berlin-Heidelberg, 2012.
- [33] Fanica Gavril. Maximum induced multicliques and complete multipartite subgraphs in polygon-circle graphs and circle graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 297–307. Springer-Verlag, Berlin-Heidelberg, 2012.
- [34] Fanica Gavril. Maximum induced multicliques and complete multipartite subgraphs in polygon-circle graphs and circle graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 297–307. Springer-Verlag, Berlin-Heidelberg, 2012.
- [35] Petr A. Golovach, Pinar Heggernes, Pim van ’t Hof, Fredrik Manne, Daniël Paulusma, and Michał Philipczuk. How to eliminate a graph. In

- Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 320–331. Springer-Verlag, Berlin-Heidelberg, 2012.
- [36] Petr A. Golovach, Pinar Heggernes, Pim van ’t Hof, Fredrik Manne, Daniël Paulusma, and Michał Philipczuk. How to eliminate a graph. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 320–331. Springer-Verlag, Berlin-Heidelberg, 2012.
 - [37] Pinar Heggernes, Pim van ’t Hof, Dániel Marx, Neeldhara Misra, and Yngve Villanger. On the parameterized complexity of finding separators with non-hereditary properties. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 332–343. Springer-Verlag, Berlin-Heidelberg, 2012.
 - [38] Pinar Heggernes, Pim van ’t Hof, Dániel Marx, Neeldhara Misra, and Yngve Villanger. On the parameterized complexity of finding separators with non-hereditary properties. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 332–343. Springer-Verlag, Berlin-Heidelberg, 2012.
 - [39] Danny Hermelin, Julián Mestre, and Dror Rawitz. Optimization problems in dotted interval graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 46–56. Springer-Verlag, Berlin-Heidelberg, 2012.
 - [40] Danny Hermelin, Julián Mestre, and Dror Rawitz. Optimization problems in dotted interval graphs. In Martin Charles Golumbic, Michal

Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 46–56. Springer-Verlag, Berlin-Heidelberg, 2012.

- [41] Tomoya Hibi and Toshihiro Fujito. Multi-rooted greedy approximation of directed steiner trees with applications. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 215–224. Springer-Verlag, Berlin-Heidelberg, 2012.
- [42] Tomoya Hibi and Toshihiro Fujito. Multi-rooted greedy approximation of directed steiner trees with applications. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 215–224. Springer-Verlag, Berlin-Heidelberg, 2012.
- [43] Jérôme Javelle, Mehdi Mhalla, and Simon Perdrix. On the minimum degree up to local complementation: Bounds and complexity. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 138–147. Springer-Verlag, Berlin-Heidelberg, 2012.
- [44] Jérôme Javelle, Mehdi Mhalla, and Simon Perdrix. On the minimum degree up to local complementation: Bounds and complexity. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 138–147. Springer-Verlag, Berlin-Heidelberg, 2012.
- [45] Konstanty Junosza-Szaniawski, Jan Kratochvíl, Mathieu Liedloff, and Paweł Rzążewski. Determining the $l(2, 1)$ -span in polynomial space. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel,*

June 26-28, 2012), volume 7551 of *LNCS*, pages 126–137. Springer-Verlag, Berlin-Heidelberg, 2012.

- [46] Konstanty Junosza-Szaniawski, Jan Kratochvíl, Mathieu Liedloff, and Paweł Rzążewski. Determining the $l(2, 1)$ -span in polynomial space. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 126–137. Springer-Verlag, Berlin-Heidelberg, 2012.
- [47] Łukasz Kowalik and Marcin Mucha. A $9k$ kernel for nonseparating independent set in planar graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 160–171. Springer-Verlag, Berlin-Heidelberg, 2012.
- [48] Łukasz Kowalik and Marcin Mucha. A $9k$ kernel for nonseparating independent set in planar graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 160–171. Springer-Verlag, Berlin-Heidelberg, 2012.
- [49] Stefan Kratsch and Pascal Schweitzer. Graph isomorphism for graph classes characterized by two forbidden induced subgraphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 34–45. Springer-Verlag, Berlin-Heidelberg, 2012.
- [50] Stefan Kratsch and Pascal Schweitzer. Graph isomorphism for graph classes characterized by two forbidden induced subgraphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 34–45. Springer-Verlag, Berlin-Heidelberg, 2012.

- [51] Neele Leithäuser, Sven O. Krumke, and Maximilian Merkert. Approximating infeasible 2vpi-systems. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 225–236. Springer-Verlag, Berlin-Heidelberg, 2012.
- [52] Neele Leithäuser, Sven O. Krumke, and Maximilian Merkert. Approximating infeasible 2vpi-systems. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 225–236. Springer-Verlag, Berlin-Heidelberg, 2012.
- [53] Vadim E. Levit, Martin Milanič, and David Tankus. On the recognition of k -equistable graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 286–296. Springer-Verlag, Berlin-Heidelberg, 2012.
- [54] Vadim E. Levit, Martin Milanič, and David Tankus. On the recognition of k -equistable graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 286–296. Springer-Verlag, Berlin-Heidelberg, 2012.
- [55] Pranabendu Misra, Venkatesh Raman, M.S. Ramanujan, and Saket Saurabh. Parameterized algorithms for EVEN CYCLE TRANSVERSAL. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 172–183. Springer-Verlag, Berlin-Heidelberg, 2012.
- [56] Pranabendu Misra, Venkatesh Raman, M.S. Ramanujan, and Saket Saurabh. Parameterized algorithms for EVEN CYCLE TRANSVERSAL. In

- Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 172–183. Springer-Verlag, Berlin-Heidelberg, 2012.
- [57] Matthias Mnich and Rico Zenklusen. Bisections above tight lower bounds. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 184–193. Springer-Verlag, Berlin-Heidelberg, 2012.
 - [58] Matthias Mnich and Rico Zenklusen. Bisections above tight lower bounds. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 184–193. Springer-Verlag, Berlin-Heidelberg, 2012.
 - [59] Haiko Müller. On the stable degree of graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 148–159. Springer-Verlag, Berlin-Heidelberg, 2012.
 - [60] Haiko Müller. On the stable degree of graphs. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 148–159. Springer-Verlag, Berlin-Heidelberg, 2012.
 - [61] David Peleg. Constructing resilient structures in graphs: Rigid vs. competitive fault-tolerance. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 2–2. Springer-Verlag, Berlin-Heidelberg, 2012.

- [62] David Peleg. Constructing resilient structures in graphs: Rigid vs. competitive fault-tolerance. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 2–2. Springer-Verlag, Berlin-Heidelberg, 2012.
- [63] Dieter Rautenbach. Account on intervals. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg, 2012.
- [64] Dieter Rautenbach. Account on intervals. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg, 2012.
- [65] Robert H. Sloan, Despina Stasi, and György Turán. Hydras: Directed hypergraphs and horn formulas. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 237–248. Springer-Verlag, Berlin-Heidelberg, 2012.
- [66] Robert H. Sloan, Despina Stasi, and György Turán. Hydras: Directed hypergraphs and horn formulas. In Martin Charles Golumbic, Michal Stern, Avivit Levy, and Gila Morgenstern, editors, *Proceedings of the 38th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2012 (Jerusalem, Israel, June 26-28, 2012)*, volume 7551 of *LNCS*, pages 237–248. Springer-Verlag, Berlin-Heidelberg, 2012.