

References

- [1] Wilhelm Barth, Petra Mutzel, and Canan Yıldız. A new approximation algorithm for bend minimization in the kandinsky model. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 343–354. Springer-Verlag, Berlin-Heidelberg, 2007.
- [2] Marc Benkert, Martin Nöllenburg, Takeaki Uno, and Alexander Wolff. Minimizing intra-edge crossings in wiring diagrams and public transportation maps. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 270–281. Springer-Verlag, Berlin-Heidelberg, 2007.
- [3] Therese Biedl and Franz J. Brandenburg. Partitions of graphs into trees. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 430–439. Springer-Verlag, Berlin-Heidelberg, 2007.
- [4] Ulrik Brandes and Christian Pich. Eigensolver methods for progressive multidimensional scaling of large data. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 42–53. Springer-Verlag, Berlin-Heidelberg, 2007.
- [5] Ulrik Brandes and Barbara Schlieper. Angle and distance constraints on tree drawings. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 54–65. Springer-Verlag, Berlin-Heidelberg, 2007.
- [6] Justin Cappos, Alejandro Estrella-Balderrama, J. Joseph Fowler, and Stephen G. Kobourov. Simultaneous graph embedding with bends and circular arcs. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing,*

GD'2006 (Karlsruhe, Germany, September 18-20, 2006), volume 4372 of *LNCS*, pages 95–107. Springer-Verlag, Berlin-Heidelberg, 2007.

- [7] Josiah Carlson and David Eppstein. Trees with convex faces and optimal angles. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 77–88. Springer-Verlag, Berlin-Heidelberg, 2007.
- [8] Ali Çivril, Malik Magdon-Ismail, and Eli Bocek-Rivele. Ssde: Fast graph drawing using sampled spectral distance embedding. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 30–41. Springer-Verlag, Berlin-Heidelberg, 2007.
- [9] Cornelia Dangelmayr and Stefan Felsner. Chordal graphs as intersection graphs of pseudosegments. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 208–219. Springer-Verlag, Berlin-Heidelberg, 2007.
- [10] Oliver Deussen. The algorithmic beauty of digital nature. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 5–7. Springer-Verlag, Berlin-Heidelberg, 2007.
- [11] Emilio Di Giacomo, Walter Didimo, and Giuseppe Liotta. Radial drawings of graphs: Geometric constraints and trade-offs. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 355–366. Springer-Verlag, Berlin-Heidelberg, 2007.
- [12] Emilio Di Giacomo, Walter Didimo, Giuseppe Liotta, Henk Meijer, Francesco Trotta, and Stephen K. Wismath. k -colored point-set embeddability of outerplanar graphs. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium*

on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006), volume 4372 of *LNCS*, pages 318–329. Springer-Verlag, Berlin-Heidelberg, 2007.

- [13] Emilio Di Giacomo, Luca Grilli, and Giuseppe Liotta. Drawing bipartite graphs on two curves. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 380–385. Springer-Verlag, Berlin-Heidelberg, 2007.
- [14] Michael B. Dillencourt, David Eppstein, and Michael T. Goodrich. Choosing colors for geometric graphs via color space embeddings. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 294–305. Springer-Verlag, Berlin-Heidelberg, 2007.
- [15] Christian A. Duncan, Gunnar Klau, Stephen G. Kobourov, and Georg Sander. Graph-drawing contest report. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 448–452. Springer-Verlag, Berlin-Heidelberg, 2007.
- [16] Tim Dwyer, Kim Marriott, and Peter J. Stuckey. Fast node overlap removal — correction. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 446–447. Springer-Verlag, Berlin-Heidelberg, 2007.
- [17] Tim Dwyer, Kim Marriott, and Michael Wybrow. Integrating edge routing into force-directed layout. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 8–19. Springer-Verlag, Berlin-Heidelberg, 2007.
- [18] David Eppstein. *st*-planar learning spaces. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Sym-*

posium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006), volume 4372 of *LNCS*, pages 282–293. Springer-Verlag, Berlin-Heidelberg, 2007.

- [19] Alejandro Estrella-Balderrama, J. Joseph Fowler, and Stephen G. Kobourov. Characterization of unlabeled level planar trees. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 367–379. Springer-Verlag, Berlin-Heidelberg, 2007.
- [20] Stefan Felsner and Mareike Massow. Thickness of bar 1-visibility graphs. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 330–342. Springer-Verlag, Berlin-Heidelberg, 2007.
- [21] Stefan Felsner and Florian Zickfeld. Schnyder woods and orthogonal surfaces. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 417–429. Springer-Verlag, Berlin-Heidelberg, 2007.
- [22] Jacob Fox and Csaba D. Tóth. On the decay of crossing numbers. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 174–183. Springer-Verlag, Berlin-Heidelberg, 2007.
- [23] Fabrizio Frati. Embedding graphs simultaneously with fixed edges. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 108–113. Springer-Verlag, Berlin-Heidelberg, 2007.
- [24] Fabrizio Frati and Giuseppe Di Battista. Three-dimensional drawings of bounded degree trees. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph*

Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006), volume 4372 of *LNCS*, pages 89–94. Springer-Verlag, Berlin-Heidelberg, 2007.

- [25] Éric Fusy. Straight-line drawing of quadrangulations. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 234–239. Springer-Verlag, Berlin-Heidelberg, 2007.
- [26] Emden R. Gansner and Yehuda Koren. Improved circular layouts. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 386–398. Springer-Verlag, Berlin-Heidelberg, 2007.
- [27] Joachim Gudmundsson, Marc van Kreveld, and Damian Merrick. Schematisation of tree drawings. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 66–76. Springer-Verlag, Berlin-Heidelberg, 2007.
- [28] Carsten Gutwenger, Karsten Klein, and Petra Mutzel. Planarity testing and optimal edge insertion with embedding constraints. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 126–137. Springer-Verlag, Berlin-Heidelberg, 2007.
- [29] Michael Hirsch, Henk Meijer, and David Rappaport. Biclique edge cover graphs and confluent drawings. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 405–416. Springer-Verlag, Berlin-Heidelberg, 2007.
- [30] Petr Hliněný and Gelasio Salazar. On the crossing number of almost planar graphs. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing*,

GD'2006 (Karlsruhe, Germany, September 18-20, 2006), volume 4372 of *LNCS*, pages 162–173. Springer-Verlag, Berlin-Heidelberg, 2007.

- [31] Christopher Homan, Andrew Pavlo, and Jonathan Schull. Smoother transitions between breadth-first-spanning-tree-based drawings. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 442–445. Springer-Verlag, Berlin-Heidelberg, 2007.
- [32] Balázs Keszegh, János Pach, Dömötör Pálvölgyi, and Géza Tóth. Drawing cubic graphs with at most five slopes. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 114–125. Springer-Verlag, Berlin-Heidelberg, 2007.
- [33] Rolf Klein and Martin Kutz. Computing geometric minimum-dilation graphs is *np*-hard. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 196–207. Springer-Verlag, Berlin-Heidelberg, 2007.
- [34] Stephen G. Kobourov and Matthew Landis. Morphing planar graphs in spherical space. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 306–317. Springer-Verlag, Berlin-Heidelberg, 2007.
- [35] Ulrich Lauther. Multipole-based force approximation revisited — a simple but fast implementation using a dynamized enclosing-circle-enhanced $k - d$ -tree. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 20–29. Springer-Verlag, Berlin-Heidelberg, 2007.
- [36] Katharina A. Lehmann and Stephan Kottler. Visualizing large and clustered networks. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing,*

GD'2006 (Karlsruhe, Germany, September 18-20, 2006), volume 4372 of *LNCS*, pages 240–251. Springer-Verlag, Berlin-Heidelberg, 2007.

- [37] Damian Merrick and Joachim Gudmundsson. Path simplification for metro map layout. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 258–269. Springer-Verlag, Berlin-Heidelberg, 2007.
- [38] Kazuyuki Miura, Tetsuya Matsuno, and Takao Nishizeki. Open rectangle-of-influence drawings of inner triangulated plane graphs. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 138–149. Springer-Verlag, Berlin-Heidelberg, 2007.
- [39] Charalampos Papamanthou and Ioannis G. Tollis. Parameterized *st*-orientations of graphs: Algorithms and experiments. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 220–233. Springer-Verlag, Berlin-Heidelberg, 2007.
- [40] Bruno Pinaud, Pascale Kuntz, and Fabien Picarougne. The website for graph visualization software references (gvsr). In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 440–441. Springer-Verlag, Berlin-Heidelberg, 2007.
- [41] Helen C. Purchase, Eve Hoggan, and Carsten Görg. How important is the "mental map"? — an empirical investigation of a dynamic graph layout algorithm. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 184–195. Springer-Verlag, Berlin-Heidelberg, 2007.
- [42] Huamin Qu, Hong Zhou, and Yingcai Wu. Controllable and progressive edge clustering for large networks. In Michael Kaufmann and

Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 399–404. Springer-Verlag, Berlin-Heidelberg, 2007.

- [43] Martin Siebenhaller. Partitioned drawings. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 252–257. Springer-Verlag, Berlin-Heidelberg, 2007.
- [44] Emo Welzl. The number of triangulations on planar point sets. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 1–4. Springer-Verlag, Berlin-Heidelberg, 2007.
- [45] David R. Wood and Jan Arne Telle. Planar decompositions and the crossing number of graphs with an excluded minor. In Michael Kaufmann and Dorothea Wagner, editors, *Proceedings of the 14th International Symposium on Graph Drawing, GD'2006 (Karlsruhe, Germany, September 18-20, 2006)*, volume 4372 of *LNCS*, pages 150–161. Springer-Verlag, Berlin-Heidelberg, 2007.