

## References

- [1] Alok Aggarwal, S. Rao Kosaraju, and Mihai Pop. Drawing of two-dimensional irregular meshes. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 1–14. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [2] Paola Bertolazzi, Giuseppe di Battista, and Walter Didimo. Quasi-upward planarity. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 15–29. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [3] Therese Biedl, Joe Marks, Kathy Ryall, and Sue Whitesides. Graph multidrawing: Finding nice drawings without defining nice. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 347–355. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [4] Therese C. Biedl. Three approaches to 3d-orthogonal box-drawings. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 30–43. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [5] Ulrik Brandes and Dorothea Wagner. Using graph layout to visualize train interconnection data. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 44–56. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [6] Stina Bridgeman and Roberto Tamassia. Difference metrics for interactive orthogonal graph drawing algorithms. In Sue H. Whitesides, edi-

tor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 57–71. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [7] Isabel F. Cruz and Donald I. Lambe. Implementation of an efficient constraint solver for the layout of graphs in delaunay. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 436–437. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [8] Erik D. Demaine and Martin L. Demaine. Planar drawings of origami polyhedra. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 438–440. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [9] Edmund Dengler and William Cowan. Human perception of laid-out graphs. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 441–443. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [10] Giuseppe di Battista, Renato Lillo, and Fabio Vernacotola. Ptolomeus: The web cartographer. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 444–445. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [11] Giuseppe di Battista and Giuseppe Liotta. Upward planarity checking: "faces are more than polygons". In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 72–86. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [12] Giuseppe di Battista, Maurizio Patrignani, and Francesco Vargiu. A split&push approach to 3d orthogonal drawing. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 87–101. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [13] Michael B. Dillencourt, David Eppstein, and Daniel S. Hirschberg. Geometric thickness of complete graphs. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 102–110. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [14] Uğur Doğrusöz, Konstantinos G. Kakoulis, Brendan Madden, and Ioannis G. Tollis. Edge labeling in the graph layout toolkit. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 356–363. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [15] Christian A. Duncan, Michael T. Goodrich, and Stephen G. Kobourov. Balanced aspect ratio trees and their use for drawing very large graphs. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 111–124. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [16] Peter Eades, Joe Marks, Petra Mutzel, and Stephen North. Graph-drawing contest report. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 423–435. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [17] Ulrich Fößmeier, Carsten Heß, and Michael Kaufmann. On improving orthogonal drawings: The 4m-algorithm. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing*,

*GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 125–137. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [18] Arne Frick and Brendan Madden. Flexible graph layout and editing for commercial applications. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 446–447. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [19] Emden R. Gansner and Stephen C. North. Improved force-directed layouts. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 364–373. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [20] Robert B. Garvey. Multidimensional outlines — wordgraphs<sup>TM</sup>. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 448–449. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [21] Natasha Gelfand and Roberto Tamassia. Algorithmic patterns for orthogonal graph drawing. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 138–152. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [22] Michael T. Goodrich and Christopher G. Wagner. A framework for drawing planar graphs with curves and polylines. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 153–166. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [23] Carsten Gutwenger and Petra Mutzel. Planar polyline drawings with good angular resolution. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 167–182. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [24] Kunihiko Hayashi, Michiko Inoue, Toshimitsu Masuzawa, and Hideo Fujiwara. A layout adjustment problem for disjoint rectangles preserving orthogonal order. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 183–197. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [25] Markus Holzer and Muriel Quenzer. Visa: A tool for visualizing and animating automata and formal languages. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 450–451. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [26] Seok-Hee Hong, Peter Eades, Aaron Quigley, and Sang-Ho Lee. Drawing algorithms for series-parallel digraphs in two and three dimensions. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 198–209. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [27] Michael E. Houle and Richard Webber. Approximation algorithms for finding best viewpoints. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 210–223. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [28] Mao Lin Huang and Peter Eades. A fully animated interactive system for clustering and navigating huge graphs. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing*,

*GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 374–383. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [29] Claudia Iturriaga and Anna Lubiw. Elastic labels on the perimeter of a rectangle. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 452–453. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [30] Michael Jünger, Sebastian Leipert, and Petra Mutzel. Level planarity testing in linear time. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 224–237. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [31] Jan Kratochvíl. Crossing number of abstract topological graphs. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 238–245. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [32] Carolyn McCreary and Larry Barowski. Vgj: Visualizing graphs through java. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 454–455. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [33] Bernd Meyer. Self-organizing graphs — a neural network perspective of graph layout. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 246–262. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [34] Tamara Munzner. Drawing large graphs with h3viewer and site manager. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 384–393. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [35] Petra Mutzel, Carsten Gutwenger, Ralf Brockenauer, Sergej Fialko, Gunnar Klau, Michael Krüger, Thomas Ziegler, Stefan Näher, David Alberts, Dirk Ambras, Gunter Koch, Michael Jünger, Christoph Buchheim, and Sebastian Leipert. A library of algorithms for graph drawing. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 456–457. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [36] János Pach and Rephael Wenger. Embedding planar graphs at fixed vertex locations. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 263–274. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [37] Gilles Paris. Cooperation between interactive actions and automatic drawing in a schematic editor. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 394–402. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [38] Paolo Penna and Paola Vocca. Proximity drawings: Three dimensions are better than two. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 275–287. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [39] Falk Schreiber and Konstantinos Skodinis.  $np$ -completeness of some tree-clustering problems. In Sue H. Whitesides, editor, *Proceed-*

*ings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 288–301. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [40] Janet M. Six, Konstantinos G. Kakoulis, and Ioannis G. Tollis. Refinement of orthogonal graph drawings. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 302–315. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [41] Michael Soss. The size of the open sphere of influence graph in  $l_\infty$  metric spaces. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 458–459. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [42] Björn Steckelbach, Till Bubeck, Ulrich Fößmeier, Michael Kaufmann, Marcus Ritt, and Wolfgang Rosenstiel. Visualization of parallel execution graphs. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 403–412. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [43] Daniel Tunkelang. Jiggle: Java interactive graph layout environment. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 413–422. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [44] Frank Wagner and Alexander Wolff. A combinatorial framework for map labeling. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 316–331. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [45] Cao An Wang, Francis Y. Chin, and Bo Ting Yang. Maximum weight triangulation and graph drawing. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 460–461. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [46] Roland Wiese and Michael Kaufmann. Adding constraints to an algorithm for orthogonal graph drawing. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 462–463. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [47] David R. Wood. An algorithm for three-dimensional orthogonal graph drawing. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 332–346. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [48] Binhai Zhu and Xiaotie Deng. On computing and drawing maxmin-height covering triangulation. In Sue H. Whitesides, editor, *Proceedings of the 6th International Symposium on Graph Drawing, GD'98 (Montréal, Canada, August 13-15, 1998)*, volume 1547 of *LNCS*, pages 464–466. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.