

## PUBLICATIONS IN INTERNATIONAL JOURNALS

[JOUR-83] Carla Binucci, Giordano Da Lozzo, Emilio Di Giacomo, Walter Didimo, Tamara Mchedlidze, Maurizio Patrignani: Upward Book Embeddability of st-Graphs: Complexity and Algorithms. *Algorithmica* 85(12): 3521-3571 (2023) [quartile: Q1]

[JOUR-82] Carla Binucci, Walter Didimo, Maurizio Patrignani: st-Orientations with Few Transitive Edges. *Journal of Graph Algorithms and Applications* 27(8): 625-650 (2023) [quartile: Q2]

[JOUR-81] Giuseppe Di Battista, Walter Didimo, Luca Grilli, Fabrizio Grosso, Giacomo Ortali, Maurizio Patrignani, Alessandra Tappini: Small Point-Sets Supporting Graph Stories. *Journal of Graph Algorithms and Applications* 27(8): 651-677 (2023) [quartile: Q2]

[JOUR-80] Walter Didimo, Michael Kaufmann, Giuseppe Liotta, Giacomo Ortali: Rectilinear Planarity of Partial 2-Trees. *Journal of Graph Algorithms and Applications* 27(8): 679-719 (2023) [quartile: Q2]

[JOUR-79] Walter Didimo, Michael Kaufmann, Giuseppe Liotta, Giacomo Ortali, "Computing Bend-Minimum Orthogonal Drawings of Plane Series-Parallel Graphs in Linear Time", *Algorithmica*, online publication March 2023, <https://doi.org/10.1007/s00453-023-01110-6>. [quartile: Q1]

[JOUR-78] Emilio Di Giacomo, Walter Didimo, Giuseppe Liotta, Fabrizio Montecchiani, Alessandra Tappini, "Comparative Study and Evaluation of Hybrid Visualizations of Graphs", *IEEE Transactions on Visualization and Computer Graphics* – online publication January 2023, <https://doi.org/10.1109/TVCG.2022.3233389>. [quartile: Q1]

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[JOUR-74] Michael A. Bekos, Emilio Di Giacomo, Walter Didimo, Giuseppe Liotta, Fabrizio Montecchiani, "Universal Slope Sets for Upward Planar Drawings", *Algorithmica*, 84(9): 2556–2580, 2022. [quartile: Q1]

[JOUR-73] Michael A. Bekos, Carla Binucci, Giuseppe Di Battista, Walter Didimo, Martin Gronemann, Karsten Klein, Maurizio Patrignani, and Ignaz Rutter, "On Turn-Regular Orthogonal Representations", *Journal of Graph Algorithms and Applications*, 26(3): 285-306, 2022. [quartile: Q2]

[JOUR-72] Carla Binucci, Walter Didimo, Michael Kaufmann, Giuseppe Liotta, Fabrizio Montecchiani, "Placing Arrows in Directed Graph Layouts: Algorithms and Experiments", *Computer Graphics Forum*, 41(1), pp. 364-376, 2022. [quartile: Q1]

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## EDITED PROCEEDINGS AND JOURNAL SPECIAL ISSUES

- [EDIT-4]** Fabrizio Montecchiani, Walter Didimo, Andrea Fronzetti Colladon, “Special Issue on Information Processing and Management for Large and Complex Networks” in Section “Big Data and Augmented Intelligence”, *Future Internet* (ISSN 1999-5903), 2022.

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## PUBLICATIONS IN INTERNATIONAL CONFERENCES

**[CONF-110]** Carla Binucci, Aaron Büngener, Giuseppe Di Battista, Walter Didimo, Vida Dujmović, Seok-Hee Hong, Michael Kaufmann, Giuseppe Liotta, Pat Morin, Alessandra Tappini, "Min-k-planar Drawings of Graphs", International Symposium on Graph Drawing and Network Visualization, GD 2023, Springer LNCS, 14465: 39-52, 2023.

**[CONF-109]** Walter Didimo, Fedor V. Fomin, Petr A. Golovach, Tanmay Inamdar, Stephen Kobourov, Marie Diana Sieper, "Parameterized and Approximation Algorithms for the Maximum Bimodal Subgraph Problem", International Symposium on Graph Drawing and Network Visualization, GD 2023, Springer LNCS 14466: 189-202, 2023.

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**[CONF-106]** Carla Binucci, Giuseppe Di Battista, Walter Didimo, Seok-Hee Hong, Michael Kaufmann, Giuseppe Liotta, Pat Morin, Alessandra Tappini: "Nonplanar Graph Drawings with k Vertices per Face". WG 2023: 86-100, 2023.

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**[CONF-102]** Carla Binucci, Walter Didimo, Maurizio Patrignani, "st-Orientations with Few Transitive Edges", Graph Drawing 2022, Springer LNCS 13764: 201-216.

**[CONF-101]** Giuseppe Di Battista, Walter Didimo, Luca Grilli, Fabrizio Grosso, Giacomo Ortali, Maurizio Patrignani, Alessandra Tappini, “Small Point-Sets Supporting Graph Stories”, International Symposium on Graph Drawing and Network Visualization, GD 2022, Springer LNCS 13764: 289-303.

**[CONF-100]** Walter Didimo, Michael Kaufmann, Giuseppe Liotta, Giacomo Ortali, “On Rectilinear Planarity Testing of SP-Graphs in the Variable Embedding Setting”, 38th European Workshop on Computational Geometry, EuroCG 2022.

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**[CONF-98]** Alessio Arleo, Walter Didimo, Giuseppe Liotta, Silvia Miksch, Fabrizio Montecchiani: “VAIM: Visual Analytics for Influence Maximization”. International Symposium on Graph Drawing and Network Visualization, GD 2020, Springer LNCS 12590: 115-123.

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