

## References

- [1] Thomas Andreae, Michael Nölle, and Gerald Schreiber. Cartesian products of graphs as spanning subgraphs of de bruijn graphs. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 140–150. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [2] Luitpold Babel, Ilia Ponomarenko, and Gottfried Tinhofer. Directed path graph isomorphism. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 395–406. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [3] E. Bampis, Y. Manoussakis, and I. Milis. Nc algorithms for antidirected hamiltonian paths and cycles in tournaments. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 387–394. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [4] D. Bhagavathi, V. Bokka, H. Gurla, S. Olariu, and J.L. Schwing. Time-optimal tree computations on sparse meshes. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 193–205. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [5] Hans L. Bodlaender and Joost Engelfriet. Domino treewidth. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 1–13. Springer-

Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

- [6] H.L. Bodlaender, J.S. Deogun, K. Jansen, T. Kloks, D. Kratsch, H. Müller, and Zs. Tuza. Rankings of graphs. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 292–304. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [7] Andreas Brandstädt, Victor D. Chepoi, and Feodor F. Dragan. The algorithmic use of hypertree structure and maximum neighbourhood orderings. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 65–80. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [8] Shiva Chaudhuri and Torben Hagerup. Prefix graphs and their applications. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 206–218. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [9] Zhi-Zhong Chen. The maximal  $f$ -dependent set problem for planar graphs is in  $nc$ . In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 232–241. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [10] Pierluigi Crescenzi and Luca Trevisan. Minimum vertex cover, distributed decision-making, and communication complexity. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of*

- the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 130–139. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [11] Elias Dahlhaus, Peter Hammer, Frédéric Maffray, and Stephan Olariu. On domination elimination orderings and domination graphs. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 81–92. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [12] Nick D. Dendris, Lefteris M. Kirousis, and Dimitris M. Thilikos. Fugitive-search games on graphs and related parameters. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 331–342. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [13] Giuseppe di Battista, Roberto Tamassia, and Luca Vismara. On-line convex planarity testing. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 242–255. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [14] Heiko Dörr. Bypass strong  $v$ -structures and find an isomorphic labelled subgraph in linear time. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 305–318. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [15] Jürgen Ebert and Angelika Franzke. A declarative approach to graph based modeling. In Ernst W. Mayr, Gunther Schmidt, and Gottfried

- Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 38–50. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [16] Renate Garbe. Tree-width and path-width of comparability graphs of interval orders. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 26–37. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [17] Roberto Giaccio. On-line algorithms for satisfiability problems with uncertainty. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 371–386. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [18] M. Golin and S. Zaks. Labelled trees and pairs of input-output permutations in priority queues. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 282–291. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [19] Andreas Jakoby, Rüdiger Reischuk, and Christian Schindelbauer. The complexity of broadcasting in planar and decomposable graphs. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 219–231. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

- [20] Yoji Kajitani, Jun Dong Cho, and Majid Sarrafzadeh. New approximation results on graph matching and related problems. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 343–358. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [21] T. Kloks, D. Kratsch, and H. Müller. Dominoes. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 106–120. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [22] Jan Kratochvíl, Andrzej Proskurowski, and Jan Arne Telle. Complexity of graph covering problems. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 93–105. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [23] Valeska Naumann. Measuring the distance to series-parallelity by path expressions. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 269–281. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [24] Francesco Parisi-Presicce and Gabriele Piersanti. Multilevel graph grammars. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 51–64. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

- [25] Siddharthan Ramachandramurthi. A lower bound for treewidth and its consequences. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 14–25. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [26] Andy Schürr. Specification of graph translators with triple graph grammars. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 151–163. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [27] Farhad Shahrokhi, Ondrej Sýkora, László A. Székely, and Imrich Vrt'o. Book embeddings and crossing numbers. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 256–268. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [28] Detlef Sieling and Ingo Wegener. New lower bounds and hierarchy results for restricted branching programs. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 359–370. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [29] K. Skodinis and E. Wanke. Exponential time analysis of confluent and boundary ence graph languages. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 180–192. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

- [30] Volker Turau and Weimin Chen. Glb-closures in directed acyclic graphs and their applications. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 121–129. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [31] Koichi Wada, Akinari Takaki, and Kimio Kawaguchi. Efficient algorithms for a mixed  $k$ -partition problem of graphs without specifying bases. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 319–330. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [32] Bernhard Westfechtel. Using programmed graph rewriting for the formal specification of a configuration management system. In Ernst W. Mayr, Gunther Schmidt, and Gottfried Tinhofer, editors, *Proceedings of the 20th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'94 (Herrsching, Germany, June 16-18, 1994)*, volume 903 of *LNCS*, pages 164–179. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.