References

[1] Paola Alimonti and Tiziana Calamoneri. Improved approximations of independent dominating set in bounded degree graphs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 2–16. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[2] Luitpold Babel and Stephan Olariu. A new characterization of p_4-connected graphs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 17–30. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[3] Michel Bauderon and Hélène Jacquet. Node rewriting in hypergraphs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 31–43. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[4] Sergej L. Bezrukov. On κ-partitioning the n-cube. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 44–55. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[5] Adrienne Broadwater, Kemal Efe, and Antonio Fernández. Embedding complete binary trees in product graphs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of*

the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996), volume 1197 of *LNCS*, pages 56–66. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[6] Krzysztof Bryś and Zbigniew Lonc. Clique and anticlique partitions of graphs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 67–72. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[7] Chi-Chang Chen and Jianer Chen. Optimal parallel routing in star graphs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 73–84. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[8] Serafino Cicerone, Daniele Frigioni, Umberto Nanni, and Francesco Pugliese. Counting edges in a dag. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 85–100. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[9] Ornella Ciotti and Francesco Parisi-Presicce. Closure properties of context-free hyperedge replacement systems. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 101–113. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[10] P. Crescenzi and P. Penna. Upward drawings of search trees. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 114–125. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[11] Krzysztof Diks and Torben Hagerup. More general parallel tree contraction: Register allocation and broadcasting in a tree. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 126–140. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[12] Krzysztof Diks and Andrzej Pelc. System diagnosis with smallest risk of error. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 141–150. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[13] Hristo N. Djidjev. Efficient algorithms for shortest path queries in planar digraphs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 151–165. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[14] Feodor F. Dragan, Falk Nicolai, and Andreas Brandstädt. Lexbfs-orderings and powers of graphs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, vol-

ume 1197 of *LNCS*, pages 166–180. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[15] Jens Gustedt. Efficient union-find for planar graphs and other sparse graph classes. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 181–195. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[16] Stephan Hartmann, Markus W. Schäffter, and Andreas S. Schulz. Switchbox routing in vlsi design: Closing the complexity gap. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 196–210. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[17] Michel Hurfin and Michel Raynal. Detecting diamond necklaces in labeled dags (a problem from distributed debugging). In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 211–223. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[18] Wolfram Kahl. Algebraic graph derivations for graphical calculi. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 224–238. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[19] Damon Kaller. Definability equals recognizability of partial 3-trees. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 239–253. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[20] Bettina Klinz and Gerhard J. Woeginger. One, two, three, many, or: Complexity aspects of dynamic network flows with dedicated arcs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 254–267. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[21] Evangelos Kranakis, Danny Krizanc, Andrzej Pelc, and David Peleg. Approximate maxima finding of continuous functions under restricted budget. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 268–278. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[22] Leo G. Kroon, Arunabha Sen, Haiyong Deng, and Asim Roy. The optimal cost chromatic partition problem for trees and interval graphs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 279–292. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[23] S.O. Krumke, H. Noltemeier, M.V. Marathe, S.S. Ravi, and K.U. Drangmeister. Modifying networks to obtain low cost trees. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela,

editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 293–307. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[24] Ewa Malesińska and Alessandro Panconesi. On the hardness of allocating frequencies for hybrid networks. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 308–322. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[25] Falk Nicolai and Thomas Szymczak. Homogeneous sets and domination problems. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 323–337. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[26] Koji Obokata, Yukihiro Iwasaki, Feng Bao, and Yoshihide Igarashi. Independent spanning trees of product graphs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 338–351. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[27] Swamy K. Sitarama and Abdol-Hossein Esfahanian. Designing distance-preserving fault-tolerant topologies. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 352–366. Springer-Verlag, Berlin-Heidelberg-

New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[28] Tadao Takaoka. Shortest path algorithms for nearly acyclic directed graphs. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 367–374. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[29] Spyros Tragoudas and Yaakov L. Varol. Computing disjoint paths with length constraints. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 375–389. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[30] Andrew C. Yao. Hypergraphs and decision trees. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[31] Xiao Zhou, M.A. Kashem, and Takao Nishizeki. Generalized edge-rankings of trees. In Fabrizio d'Amore, Paolo G. Franciosa, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 22nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG'96 (Cadenabbia, Italy, June 12-14, 1996)*, volume 1197 of *LNCS*, pages 390–404. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.