References

[1] Parosh Aziz Abdulla, Luc Boasson, and Ahmed Bouajjani. Effective lossy queue languages. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 639–651. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[2] Manuel Abellanas, Ferran Hurtado, Christian Icking, Rolf Klein, Elmar Langetepe, Lihong Ma, Belén Palop, and Vera Sacristán. Smallest color-spanning objects. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 278–289. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[3] Luca Aceto, Wan Fokking, and Anna Ingólfsdóttir. 2-nested simulation is not finitely equationally axiomatizable. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 39–50. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[4] Pankaj K. Agarwal, Lars Arge, Octavian Procopiuc, and Jeffrey Scott Vitter. A framework for index bulk loading and dynamization. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 115–127. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[5] Pankaj K. Agarwal, Lars Arge, and Jan Vahrenhold. Time responsive external data structures for moving points. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001*

(Providence, RI, USA, August 8-10, 2001), volume 2125 of *LNCS*, pages 50–61. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[6] Pankaj K. Agarwal, Mark de Berg, Sariel Har-Peled, Mark H. Overmars, Micha Sharir, and Jan Vahrenhold. Reporting intersecting pairs of polytopes in two and three dimensions. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 122–134. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[7] Manindra Agrawal. The first-order isomorphism theorem. In Ramesh Hariharan and Madhavan Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 70–82. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[8] Manindra Agrawal. Hard sets and pseudo-random generators for constant depth circuits. In Ramesh Hariharan and Madhavan Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 58–69. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[9] Hee-Kap Ahn, Siu-Wing Cheng, Otfried Cheong, Mordecai Golin, and René van Oostrum. Competitive facility location along a highway. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 237–246. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[10] Oswin Aichholzer, Franz Aurenhammer, Hannes Krasser, and Ferran Hurtado. Towards compatible triangulations. In Jie Wang,

editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 101–110. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[11] Shin Aida, Rainer Schuler, Tatsuie Tsukiji, and Osamu Watanabe. On the difference between polynomial-time many-one and truth-table reducibilities on distributional problems. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 51–62. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[12] Karhan Akcoglu, Ming-Yang Kao, and Shuba V. Raghavan. Fast pricing of european asian options with provable accuracy: Single-stock and basket options. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 404–415. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[13] Jochen Alber, Hongbing Fan, Michael R. Fellows, Henning Fernau, Rolf Niedermeier, Fran Rosamond, and Ulrike Stege. Refined search tree technique for dominating set on planar graphs. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 111–122. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[14] Jochen Alber, Henning Fernau, and Rolf Niedermeier. Graph separators: A parameterized view. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 318–327. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[15] Jochen Alber, Henning Fernau, and Rolf Niedermeier. Parameterized complexity: Exponential speed-up for planar graph problems. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 261–272. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[16] Susanne Albers. Some algorithmic problems in large networks. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 30–32. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[17] Michael H. Albert, Robert E.L. Aldred, Mike D. Atkinson, and Derek A. Holton. Algorithms for pattern involvement in permutations. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 355–366. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[18] Cyril Allauzen, Maxime Crochemore, and Mathieu Raffinot. Efficient experimental string matching by weak factor recognition. In Amihood Amir and Gad M. Landau, editors, *Proceedings of the 12th Annual Symposium on Combinatorial Pattern Matching, CPM'2001 (Jerusalem, Israel, July 1-4, 2001)*, volume 2089 of *LNCS*, pages 51–72. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[19] Eric Allender. When worlds collide: Derandomization, lower bounds, and kolmogorov complexity. In Ramesh Hariharan and Madhavan Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 1–15. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[20] Helmut Alt, Christian Knauer, and Carola Wenk. Matching polygonal curves with respect to the fréchet distance. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 63–74. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[21] Rajeev Alur, Kousha Etessami, and Mihalis Yannakakis. Realizability and verification of msc graphs. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 797–808. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[22] V. Álvarez, J.A. Armario, M.D. Frau, and P. Real. An algorithm for computing cocyclic matrices developed over some semidirect products. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 287–296. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[23] Kazuyuki Amano, Tsukuru Hirosawa, Yusuke Watanabe, and Akira Maruoka. The computational power of a family of decision forests. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 123–134. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[24] Andris Ambainis and Arnolds Ķikusts. Exact results for accepting probabilities of quantum automata. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136

of *LNCS*, pages 135–147. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[25] Andris Ambainis, Arnolds Ķikusts, and Māris Valdats. On the class of languages recognizable by 1-way quantum finite automata. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 75–86. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[26] Eric Anderson, Joe Hall, Jason Hartline, Michael Hobbs, Anna R. Karlin, Jared Saia, Ram Swaminathan, and John Wilkes. An experimental study of data migration algorithms. In Gerth Stølting Brodal, Daniele Frigioni, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 5th International Workshop of Algorithm Engineering, WAE'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2141 of *LNCS*, pages 145–158. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[27] Richard Anderson, Sampath Kannan, Howard Karloff, and Richard E. Ladner. Thresholds and optimal binary comparison search trees. In Ramesh Hariharan and Madhavan Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 83–95. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[28] Arne Andersson, Per Carlsson, and Fredrik Ygge. Efficient resource allocation with noisy functions. In Gerth Stølting Brodal, Daniele Frigioni, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 5th International Workshop of Algorithm Engineering, WAE'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2141 of *LNCS*, pages 91–105. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[29] Eric Angel, Evripidis Bampis, and Alexander Kononov. A fptas for approximating the unrelated parallel machines scheduling problem with

costs. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 194–205. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[30] Aaron Archer. Two $o(\log^* k)$-approximation algorithms for the asymmetric k-center problem. In Karen Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001)*, volume 2081 of *LNCS*, pages 1–14. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[31] Lars Arge. External memory data structures. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 1–29. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[32] Lars Arge, Ulrich Meyer, Laura Toma, and Norbert Zeh. On external-memory planar depth first search. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 471–482. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[33] Hiroki Arimura, Hiroki Asaka, Hiroshi Sakamoto, and Setsuo Arikawa. Efficient discovery of proximity patterns with suffix arrays. In Amihood Amir and Gad M. Landau, editors, *Proceedings of the 12th Annual Symposium on Combinatorial Pattern Matching, CPM'2001 (Jerusalem, Israel, July 1-4, 2001)*, volume 2089 of *LNCS*, pages 152–156. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[34] Esther M. Arkin, Michael A. Bender, Erik D. Demaine, Martin L. Demaine, Joseph S.B. Mitchell, Saurabh Sethia, and Steven S. Skiena.

When can you fold a map? In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 401–413. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[35] Esther M. Arkin, Sándor P. Fekete, Ferran Hurtado, Joseph S.B. Mitchell, Marc Noy, Vera Sacristán, and Saurabh Sethia. On the reflexivity of point sets. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 192–204. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[36] Sanjeev Arora. Approximation schemes for geometric *np*-hard problems: A survey. In Ramesh Hariharan and Madhavan Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 16–17. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[37] Abdullah N. Arslan and Ömer Eğecioğlu. An improved upper bound on the size of planar convex-hulls. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 111–120. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[38] Tetsuo Asano and Takeshi Tokuyama. How to color a checkerboard with a given distribution — matrix rounding achieving low 2×2-discrepancy. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 636–648. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[39] James Aspnes, Julia Hartling, Ming-Yang Kao, Junhyong Kim, and Gauri Shah. A combinatorial toolbox for protein sequence design and landscape analysis in the grand canonical model. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 403–415. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[40] Mikhail J. Atallah and Wenliang Du. Secure multi-party computational geometry. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 165–179. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[41] Albert Atserias. Improved bounds on the weak pigeonhole principle and infinitely many primes from weaker axioms. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 148–158. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[42] Albert Atserias, María Luisa Bonet, and Juan Luis Esteban. Lower bounds for the weak pigeonhole principle beyond resolution. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 1005–1016. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[43] Yossi Azar and Oded Regev. Strongly polynomial algorithms for the unsplittable flow problem. In Karen Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001)*, volume 2081 of *LNCS*, pages 15–29.

Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[44] Parosh Aziz Abdulla and Aletta Nylén. Timed petri nets and bqos. In José-Manuel Colom and Maciej Koutny, editors, *Proceedings of the 22nd International Conference on Application and Theory of Petri Nets, ICATPN'2001 (Newcastle upon Tyne, UK, June 25-29, 2001)*, volume 2075 of *LNCS*, pages 53–70. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[45] Luitpold Babel, Bo Chen, Hans Kellerer, and Vladimir Kotov. On-line algorithms for cardinality constrained bin packing problems. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 695–706. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[46] Rolf Backofen and Sebastian Will. Optimally compact finite sphere packings — hydrophobic cores in the fcc. In Amihood Amir and Gad M. Landau, editors, *Proceedings of the 12th Annual Symposium on Combinatorial Pattern Matching, CPM'2001 (Jerusalem, Israel, July 1-4, 2001)*, volume 2089 of *LNCS*, pages 257–271. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[47] David A. Bader, Ajith K. Illendula, Bernard M.E. Moret, and Nina R. Weisse-Bernstein. Using pram algorithms on a uniform-memory-access shared-memory architecture. In Gerth Stølting Brodal, Daniele Frigioni, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 5th International Workshop of Algorithm Engineering, WAE'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2141 of *LNCS*, pages 129–144. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[48] David A. Bader, Bernard M.E. Moret, and Mi Yan. A linear-time algorithm for computing inversion distance between signed permutations with an experimental study. In Frank Dehne, Jörg-Rüdiger Sack, and

Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 365–376. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[49] Amitabha Bagchi, Amitabh Chaudhary, Rahul Garg, Michael T. Goodrich, and Vijay Kumar. Seller-focused algorithms for online auctioning. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 135–147. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[50] Vladimir B. Balakirsky. On algebraic soft decision decoding of cyclic binary codes. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 315–322. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[51] A. Baliga and J. Chua. Self-dual codes using image restoration techniques. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 46–56. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[52] Hans-J. Bandelt. Median hulls as steiner hulls in rectilinear and molecular sequence spaces. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 1–7. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[53] Emanuele Bandini and Roberto Segala. Axiomatizations for probabilistic bisimulation. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 370–381. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[54] Gill Barequet. ω-searchlight obedient graph drawings. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 321–327. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[55] Chris Barrett, Doug Cook, Gregory Hicks, Vance Faber, Achla Marathe, Madhav Marathe, Aravind Srinivasan, Yoram J. Sussmann, and Heidi Thornquist. Experimental analysis of algorithms for bilateral-contract clearing mechanisms arising in deregulated power industry. In Gerth Stølting Brodal, Daniele Frigioni, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 5th International Workshop of Algorithm Engineering, WAE'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2141 of *LNCS*, pages 172–184. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[56] Chris Barrett, Harry B. Hunt III, Madhav V. Marathe, S.S. Ravi, Daniel J. Rosenkrantz, and Richard E. Stearns. Analysis problems for sequential dynamical systems and communicating state machines. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 159–172. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[57] Birgit Baum-Waidner. Optimistic asynchronous multi-party contract signing with reduced number of rounds. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the*

28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001), volume 2076 of *LNCS*, pages 898–911. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[58] Michel Beaudouin-Lafon, Wendy E. Mackay, Peter Andersen, Paul Janecek, Mads Jensen, Michael Lassen, Kasper Lund, Kjeld Mortensen, Stephanie Munck, Anne Ratzer, Katrine Ravn, Søren Christensen, and Kurt Jensen. Cpn/tools: A post-wimp interface for editing and simulating coloured petri nets. In José-Manuel Colom and Maciej Koutny, editors, *Proceedings of the 22nd International Conference on Application and Theory of Petri Nets, ICATPN'2001 (Newcastle upon Tyne, UK, June 25-29, 2001)*, volume 2075 of *LNCS*, pages 71–80. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[59] Martin Beaudry and Markus Holzer. The complexity of tensor circuit evaluation. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 173–185. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[60] Martin Beaudry, François Lemieux, and Denis Thérien. Star-free open languages and aperiodic loops. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 87–98. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[61] Ronald I. Becker, Yen-I Chiang, Isabella Lari, and Andrea Scozzari. The cent-dian path problem on tree networks. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 743–755. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[62] Amos Beimel and Yuval Ishai. Information-theoretic private information retrieval: A unified construction. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 912–926. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[63] Michael Benedikt, Patrice Godefroid, and Thomas Reps. Model checking of unrestricted hierarchical state machines. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 652–666. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[64] Gary Benson. Tandem cyclic alignment. In Amihood Amir and Gad M. Landau, editors, *Proceedings of the 12th Annual Symposium on Combinatorial Pattern Matching, CPM'2001 (Jerusalem, Israel, July 1-4, 2001)*, volume 2089 of *LNCS*, pages 118–130. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[65] Thierry P. Berger and Louis de Maximy. Cyclic projective reed-muller codes. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 77–81. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[66] Anne Bergeron. A very elementary presentation of the hannenhalli-pevzner theory. In Amihood Amir and Gad M. Landau, editors, *Proceedings of the 12th Annual Symposium on Combinatorial Pattern Matching, CPM'2001 (Jerusalem, Israel, July 1-4, 2001)*, volume 2089 of *LNCS*, pages 106–117. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[67] Marshall Bern and David Eppstein. Optimal möbius transformations for information visualization and meshing. In Frank Dehne, Jörg-

Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 14–25. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[68] Marshall Bern and David Eppstein. Optimization over zonotopes and training support vector machines. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 111–121. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[69] François Bertault and Peter Eades. Drawing hypergraphs in the subset standard. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 164–169. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[70] Sergei Bespamyatnikh, Zhixiang Chen, Kanliang Wang, and Binhai Zhu. On the planar two-watchtower problem. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 121–130. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[71] Koichi Betsumiya, Masaaki Harada, and Akihiro Munemasa. Type ii codes over if_{2^r}. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 102–111. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[72] Sergei L. Bezrukov and Robert Elsässer. Edge-isoperimetric problems for cartesian powers of regular graphs. In Andreas Brandstädt and

Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 9–20. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[73] Binay Bhattacharya, Asish Mukhopadhyay, and Giri Narasimhan. Optimal algorithms for two-guard walkability of simple polygons. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 438–449. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[74] Therese Biedl, Erik D. Demaine, Christian A. Duncan, Rudolf Fleischer, and Stephen G. Kobourov. Tight bounds on maximal and maximum matchings. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 308–319. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[75] Therese Biedl, Torsten Thiele, and David R. Wood. Three-dimensional orthogonal graph drawing with optimal volume. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 284–295. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[76] Gianfranco Bilardi, Paolo DáAlberto, and Alex Nicolau. Fractal matrix multiplication: A case study on portability of cache performance. In Gerth Stølting Brodal, Daniele Frigioni, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 5th International Workshop of Algorithm Engineering, WAE'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2141 of *LNCS*, pages 26–38. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[77] Gianfranco Bilardi and Enoch Peserico. A characterization of temporal locality and its portability across memory hierarchies. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 128–139. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[78] Andreas Björklund and Andrzej Lingas. Fast boolean matrix multiplication for highly clustered data. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 258–263. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[79] Markus Bläser. Complete problems for valiant's class of qp-computable families of polynomials. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 1–10. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[80] Markus Bläser. Computing reciprocals of bivariate power series. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 186–197. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[81] Markus Bläser. A $\frac{5}{2}n^2$-lower bound for the multiplicative complexity of $n \times n$-matrix multiplication. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 99–109. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[82] Markus Bläser. Improvements of the alder-strassen bound: Algebras with nonzero radical. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 79–91. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[83] Markus Bläser and Bodo Siebert. Computing cycle covers without short cycles. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 368–379. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[84] Avrim Blum, Adam Kalai, and Jon Kleinberg. Admission control to minimize rejections. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 155–164. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[85] Hans L. Bodlaender, Michael J. Dinneen, and Bakhadyr Khoussainov. On game-theoretic models of networks. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 550–561. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[86] Miquel Bofill and Guillem Godoy. On the completeness of arbitrary selection strategies for paramodulation. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 951–962. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[87] J.D. Boissonnat, F. Cazals, and J. Flötotto. 2d-structure drawings of similar molecules. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 115–126. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[88] Abraham Bookstein, Shmuel Tomi Klein, and Timo Raita. Fuzzy hamming distance: A new dissimilarity measure. In Amihood Amir and Gad M. Landau, editors, *Proceedings of the 12th Annual Symposium on Combinatorial Pattern Matching, CPM'2001 (Jerusalem, Israel, July 1-4, 2001)*, volume 2089 of *LNCS*, pages 86–97. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[89] Michele Boreale. Symbolic trace analysis of cryptographic protocols. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 667–681. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[90] E. Boros, K. Elbassioni, V. Gurvich, L. Khachiyan, and K. Makino. On generating all minimal integer solutions for a monotone system of linear inequalities. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 92–103. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[91] Prosenjit Bose, Anil Maheshwari, Pat Morin, and Jason Morrison. The grid placement problem. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 180–191. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[92] Prosenjit Bose, Pat Morin, and Antoine Vigneron. Packing two disks into a polygonal environment. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 142–149. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[93] Ahmed Bouajjani. Languages, rewriting systems, and verification of infinite-state systems. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 24–39. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[94] Ahmed Bouajjani, Peter Habermehl, and Richard Mayr. Automatic verification of recursive procedures with one integer parameter. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 198–211. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[95] Gérard Boudol and Ilaria Castellani. Noninterference for concurrent programs. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 382–395. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[96] François Boulier and Sylvain Neut. Cartan's characters and stairs of characteristic sets. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume

2227 of *LNCS*, pages 363–372. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[97] Franz Brandenburg, Ulrik Brandes, Michael Himsolt, and Marcus Raitner. Graph-drawing contest report. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 410–418. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[98] Ulrik Brandes and Sabine Cornelsen. Visual ranking of link structures. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 222–233. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[99] Ulrik Brandes, Sabine Cornelsen, and Dorothea Wagner. How to draw the minimum cuts of a planar graph. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 103–114. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[100] Ulrik Brandes, M. Scott Marshall, and Stephen C. North. Graph data format workshop report. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 407–409. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[101] Ulrik Brandes, Galina Shubina, Roberto Tamassia, and Dorothea Wagner. Fast layout methods for timetable graphs. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 127–138. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[102] Vasco Brattka. Computable versions of baire's category theorem. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 224–235. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[103] David Bremner and Ferran Hurtado. Small convex quadrangulations of point sets. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 623–635. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[104] Josef M. Breutzmann, David W. Juedes, and Jack H. Lutz. Baire category and nowhere differentiability for feasible real function. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 219–230. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[105] Stina Bridgeman and Roberto Tamassia. A user study in similarity measures for graph drawing. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 19–30. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[106] Lubošs Brim, Ivana Černá, Pavel Krčál, and Radek Pelánek. Distributed ltl model checking based on negative cycle detection. In Ramesh Hariharan and Madhavan Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 96–107. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[107] Gerth Stølting Brodal, Rolf Fagerberg, and Christian N.S. Pedersen. Computing the quartet distance between evolutionary trees in time ø$(n \log^2 n)$. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 731–742. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[108] Gerth Stølting Brodal, Rolf Fagerberg, Christian N.S. Pedersen, and Anna Östlin. The complexity of constructing evolutionary trees using experiments. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 140–151. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[109] Andrej Brodnik and Johan Karlsson. Multiprocess time queue. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 599–609. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[110] Hervé Brönnimann. Designing and implementing a general purpose halfedge data structure. In Gerth Stølting Brodal, Daniele Frigioni, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 5th International Workshop of Algorithm Engineering, WAE'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2141 of *LNCS*, pages 51–66. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[111] Henrik Brosenne, Matthias Homeister, and Stephan Waack. Graph-driven free parity bdds: Algorithms and lower bounds. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 212–223. Springer-

Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[112] Véronique Bruyère and Olivier Carton. Automata on linear orderings. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 236–247. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[113] Christoph Buchheim, Michael Jünger, and Sebastian Leipert. A fast layout algorithm for k-level graphs. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 229–240. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[114] Harry Buhrman, John Tromp, and Paul Vitányi. Time and space bounds for reversible simulation. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 1017–1027. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[115] Slavek Bulach, Anton Brauchle, Hans-Jörg Pfleiderer, and Zdenek Kucerovsky. Petri net based design and implementation methodology for discrete event control systems. In José-Manuel Colom and Maciej Koutny, editors, *Proceedings of the 22nd International Conference on Application and Theory of Petri Nets, ICATPN'2001 (Newcastle upon Tyne, UK, June 25-29, 2001)*, volume 2075 of *LNCS*, pages 81–100. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[116] Peter Bürgisser. On implications between p-np-hypotheses: Decision versus computation in algebraic complexity. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001*

(Mariánské Lázně, Czech Republic, August 27-31, 2001), volume 2136 of *LNCS*, pages 3–17. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[117] Stefan Burkhardt and Juha Kärkkäinen. Better filtering with gapped q-grams. In Amihood Amir and Gad M. Landau, editors, *Proceedings of the 12th Annual Symposium on Combinatorial Pattern Matching, CPM'2001 (Jerusalem, Israel, July 1-4, 2001)*, volume 2089 of *LNCS*, pages 73–85. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[118] Christoph Burnikel, Stefan Funke, Kurt Mehlhorn, Stefan Schirra, and Susanne Schmitt. A separation bound for real algebraic expressions. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 254–265. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[119] Eimear Byrne. Lifting decoding schemes over a galois ring. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 323–332. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[120] Pino Caballero-Gil and Candelaria Hernández-Goya. Strong solutions to the identification problem. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 257–261. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[121] E. Cadic, J.C. Carlach, G. Olocco, A. Otmani, and J.P. Tillich. Low complexity tail-biting trellises of self-dual codes of length 24, 32 and 40 over $gf(2)$ and z_4 of large minimum distance. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting*

Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001), volume 2227 of *LNCS*, pages 57–66. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[122] Jin-Yi Cai and Eric Bach. On testing for zero polynomials by a set of points with bounded precision. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 473–482. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[123] Liming Cai and David Juedes. Subexponential parameterized algorithms collapse the w-hierarchy. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 273–284. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[124] Cristiano Calcagno, Hongseok Yang, and Peter W. O'Hearn. Computability and complexity results for a spatial assertion language for data structures. In Ramesh Hariharan and Madhavan Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 108–119. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[125] Alberto Caprara, Alessandro Panconesi, and Romeo Rizzi. Packing cycles and cuts in undirected graphs. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 512–523. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[126] Ioannis Caragiannis, Afonso Ferreira, Christos Kaklamanis, Stéphane Pérennes, Pino Persiano, and Hervé Rivano. Approximate constrained

bipartite edge coloring. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 21–31. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[127] Ioannis Caragiannis, Afonso Ferreira, Christos Kaklamanis, St'ephane Pérennes, and Hervé Rivano. Fractional path coloring with applications to wdm networks. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 732–743. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[128] Andrea Carmignani, Giuseppe di Battista, Walter Didimo, Francesco Matera, and Maurizio Pizzonia. Visualization of the autonomous systems interconnections with hermes. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 150–163. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[129] Julien Cassaigne. Recurrence in infinite words. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 1–11. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[130] Carla Denise Castanho, Wei Chen, Koichi Wada, and Akihiro Fujiwara. Parallelizability of some p-complete geometric problems in the erew-pram. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 59–63. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[131] R. Castelló, R. Mili, and I.G. Tollis. An algorithmic framework for visualizing statecharts. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 139–149. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[132] Julien Cervelle, Bruno Durand, and Enrico Formenti. Algorithmic information theory and cellular automata dynamics. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 248–259. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[133] Amit Chakrabarti and Subhash Khot. Improved lower bounds on the randomized complexity of graph properties. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 285–296. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[134] Amit Chakrabarti, Subhash Khot, and Yaoyun Shi. Evasiveness of subgraph containment and related properties. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 110–120. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[135] Samarjit Chakraborty, Thomas Erlebach, and Lothar Thiele. On the complexity of scheduling conditional real-time code. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 38–49. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[136] Jean-Marc Champarnaud and Djelloul Ziadi. Computing the equation automaton of a regular expression in $o(s^2)$ space and time. In Amihood Amir and Gad M. Landau, editors, *Proceedings of the 12th Annual Symposium on Combinatorial Pattern Matching, CPM'2001 (Jerusalem, Israel, July 1-4, 2001)*, volume 2089 of *LNCS*, pages 157–168. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[137] Wun-Tat Chan, Tak-Wah Lam, Hing-Fung Ting, and Wai-Ha Wong. Improved on-line stream merging: From a restricted to a general setting. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 432–442. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[138] L. Sunil Chandran. Edge connectivity vs. vertex connectivity in chordal graphs. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 384–389. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[139] L. Sunil Chandran. A linear time algorithm for enumerating all the minimum and minimal separators of a chordal graph. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 308–317. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[140] Ee-Chien Chang and Chee Yap. Competitive online scheduling with level of service. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 453–462. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[141] Maw-Shang Chang, Ton Kloks, and Chuan-Min Lee. Maximum clique transversals. In Andreas Brandstädt and Van Bang Le, editors,

Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001), volume 2204 of *LNCS*, pages 32–43. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[142] Maw-Shang Chang and Haiko Müller. On the tree-degree of graphs. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 44–54. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[143] Chris Charnes, Martin Rötteler, and Thomas Beth. On homogeneous bent functions. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 249–259. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[144] Ioannis Chatzigiannakis, Sotiris Nikoletseas, Nearchos Paspallis, Paul Spirakis, and Christos Zaroliagis. An experimental study of basic communication protocols in ad-hoc mobile networks. In Gerth Stølting Brodal, Daniele Frigioni, and Alberto Marchetti-Spaccamela, editors, *Proceedings of the 5th International Workshop of Algorithm Engineering, WAE'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2141 of *LNCS*, pages 159–171. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[145] Bernard Chazelle, Olivier Devillers, Ferran Hurtado, Mercè Mora, Vera Sacristán, and Monique Teillaud. Splitting a delaunay triangulation in linear time. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 312–320. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[146] Bernard Chazelle, Ronitt Rubinfeld, and Luca Trevisan. Approximating the minimum spanning tree weight in sublinear time. In Fernando

Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 190–200. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[147] Chandra Chekuri and Sanjeev Khanna. A ptas for minimizing weighted completion time on uniformly related machines. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 848–861. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[148] Bo Chen, Xiaotie Deng, and Wenan Zang. On-line scheduling a batch processing system to minimize total weighted job completion time. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 380–389. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[149] Danny Z. Chen, Xiaobo (Sharon) Hu, and Xiaodong Wu. Maximum red/blue interval matching with applications. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 150–158. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[150] Danny Z. Chen, Shuang Luan, and Jinhui Xu. Topological peeling and implementation. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 454–466. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[151] Danny Z. Chen, Jie Wang, and Xiaodong Wu. Image segmentation with monotonicity and smoothness constraints. In Peter Eades and Tadao

Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 467–479. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[152] Danny Z. Chen and Xiadong Wu. Efficient algorithms for k-terminal cuts on planar graphs. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 332–344. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[153] Guangting Chen and Guoliang Xue. An fptas for weight-constrained steiner trees in series-parallel graphs. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 519–528. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[154] Ho-Lin Chen, Hsueh-I. Lu, and Hsu-Chun Yen. On maximum symmetric subgraphs. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 372–383. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[155] Jianer Chen, Donald K. Friesen, Weijia Jia, and Iyad A. Kanj. Using nondeterminism to design deterministic algorithms. In Ramesh Hariharan and Madhavan Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 120–131. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[156] Jianer Chen and Jingui Huang. Semi-normal schedulings: Improvement on goeman's algorithm. In Peter Eades and Tadao Takaoka,

editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 48–60. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[157] Jianer Chen and Iyad A. Kanj. On constrained minimum vertex covers of bipartite graphs: Improved algorithms. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 55–65. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[158] Zhi-Zhong Chen, Tao Jiang, and Guo-Hui Lin. Computing phylogenetic roots with bounded degrees and errors. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 377–388. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[159] Zhixiang Chen. Multiplicative adaptive algorithms for user preference retrieval. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 540–549. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[160] Otfried Cheong, Chan-Su Shin, and Antoine Vigneron. Computing farthest neighbors on a convex polytope. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 159–169. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[161] Joseph Cheriyan and Santosh Vempala. Edge covers of setpairs and the iterative rounding method. In Karen Aardal and Bert Gerards,

editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001)*, volume 2081 of *LNCS*, pages 30–44. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[162] Francis Y.L. Chin and Stanley P.Y. Fung. Approximation of minimum triangulation for polyhedron with bounded degrees. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 172–184. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[163] Cheng-Feng Mabel Chou, Maurice Queyranne, and David Simchi-Levi. The asymptotic performance ratio of an on-line algorithm for uniform parallel machine scheduling with release dates. In Karen Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001)*, volume 2081 of *LNCS*, pages 45–59. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[164] Søren Christensen, Lars Michael Kristensen, and Thomas Mailund. Condensed state spaces for timed petri nets. In José-Manuel Colom and Maciej Koutny, editors, *Proceedings of the 22nd International Conference on Application and Theory of Petri Nets, ICATPN'2001 (Newcastle upon Tyne, UK, June 25-29, 2001)*, volume 2075 of *LNCS*, pages 101–120. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[165] Marek Chrobak, János Csirik, Csanád Imreh, John Noga, Jiří Sgall, and Gerhard J. Woeginger. The buffer minimization problem for multiprocessor scheduling with conflicts. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 862–874. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[166] Marek Chrobak, Leszek Gąsieniec, and Wojciech Rytter. A randomized algorithm for gossiping in radio networks. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 483–492. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[167] Marek Chrobak, Lawrence L. Larmore, and Wojciech Rytter. The k-median problem for directed trees. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 260–271. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[168] Fabián A. Chudak, Tim Roughgarden, and David P. Williamson. Approximate k-msts and k-steiner trees via the primal-dual method and lagrangean relaxation. In Karen Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001)*, volume 2081 of *LNCS*, pages 60–70. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[169] Serafino Cicerone, Gianluca D'Ermiliis, and Gabriele di Stefano. $(k,+)$-distance-hereditary graphs. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 66–77. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[170] Andrea E.F. Clementi, Pilu Crescenzi, Paolo Penna, Gianluca Rossi, and Paola Vocca. On the complexity of computing minimum energy consumption broadcast subgraphs. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 121–131.

Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[171] Andrea E.F. Clementi, Angelo Monti, and Riccardo Silvestri. Round robin is optimal for fault-tolerant broadcasting on wireless networks. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 452–463. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[172] Edith Cohen, Eran Halperin, and Haim Kaplan. Performance aspects of distributed caches using ttl-based consistency. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 744–756. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[173] Edith Cohen, Haim Kaplan, and Uri Zwick. Competitive analysis of the lrfu paging algorithm. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 148–154. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[174] Myra B. Cohen, Charles J. Colbourn, and Dalibor Froncek. Cluttered orderings for the complete graph. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 420–431. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[175] Hubert Comon, Véronique Cortier, and John Mitchell. Tree automata with one memory, set constraints, and ping-pong protocols. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece,*

July 8-12, 2001), volume 2076 of *LNCS*, pages 682–693. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[176] Colin Cooper and Alan M. Frieze. A general model of undirected web graphs. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 500–511. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[177] Graham Cormode, S. Muthukrishnan, and Süleyman Cenk Ṣahinalp. Permutation editing and matching via embeddings. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 481–492. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[178] Derek G. Corneil and Udi Rotics. On the relationship between clique-width and treewidth. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 78–90. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[179] Sabine Cornelsen, Yefim Dinitz, and Dorothea Wagner. Planarity of the 2-level cactus model. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 91–102. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[180] Gérard Cornuéjols and Yanjun Li. On the rank of mixed 0,1 polyhedra. In Karen Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands,*

June 13-15, 2001), volume 2081 of *LNCS*, pages 71–77. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[181] Jean-Michel Couvreur, Sébastien Grivet, and Denis Poitrenaud. Unfolding of products of symmetrical petri nets. In José-Manuel Colom and Maciej Koutny, editors, *Proceedings of the 22nd International Conference on Application and Theory of Petri Nets, ICATPN'2001 (Newcastle upon Tyne, UK, June 25-29, 2001)*, volume 2075 of *LNCS*, pages 121–143. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[182] Mary Cryan and Peter Bro Miltersen. On pseudorandom generators in nc^0. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 272–284. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[183] János Csirik, Csanád Imreh, John Noga, Steve S. Seiden, and Gerhard J. Woeginger. Buying a constant competitive ratio for paging. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 98–108. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[184] Felipe Cucker and Dima Grigoriev. There are no sparse np_w-hard sets. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 285–291. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[185] Artur Czumaj and Christian Sohler. Property testing with geometric queries. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus,*

Denmark, August 28-31, 2001), volume 2161 of *LNCS*, pages 266–277. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[186] Artur Czumaj and Christian Sohler. Testing hypergraph coloring. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 493–505. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[187] A. Czygrinow, M. Hańćkowiak, and M. Karoński. Distributed $o(\delta \log n)$-edge-coloring algorithm. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 345–355. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[188] H.K. Dai. Optimizing a computational method for length lower bounds for reflecting sequences. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 228–236. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[189] Jack J. Dai, James I. Lathrop, Jack H. Lutz, and Elvira Mayordomo. Finite-state dimension. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 1028–1039. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[190] Zhe Dang, Oscar H. Ibarra, and Richard A. Kemmerer. Decidable approximations on generalized and parameterized discrete timed automata. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001*

(Guilin, China, August 20-23, 2001), volume 2108 of *LNCS*, pages 529–539. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[191] Zhe Dang, Oscar H. Ibarra, and Pierluigi San Pietro. Liveness verification of reversal-bounded multicounter machines with a free counter. In Ramesh Hariharan and Madhavan Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 132–143. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[192] Zhe Dang, Pierluigi San Pietro, and Richard A. Kemmerer. On presburger liveness of discrete timed automata. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 132–143. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[193] Milind Dawande. A notion of cross-perfect bipartite graphs. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 409–413. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[194] Alice M. Dean. A layout algorithm for bar-visibility graphs on the möbius band. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 350–359. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[195] Erik D. Demaine. Playing games with algorithms: Algorithmic combinatorial game theory. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské*

Lázně, Czech Republic, August 27-31, 2001), volume 2136 of *LNCS*, pages 18–32. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[196] Xiaotie Deng, Haodi Feng, Pixing Zhang, and Hong Zhu. A polynomial time approximation scheme for minimizing total completion time of unbounded batch scheduling. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 26–35. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[197] François Denis, Aurélien Lemay, and Alain Terlutte. Residual finite state automata. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 144–157. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[198] Anders Dessmark and Andrzej Pelc. Deterministic radio broadcasting at low cost. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 158–169. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[199] Peter Deussen. Partial order verification of programmable logic controllers. In José-Manuel Colom and Maciej Koutny, editors, *Proceedings of the 22nd International Conference on Application and Theory of Petri Nets, ICATPN'2001 (Newcastle upon Tyne, UK, June 25-29, 2001)*, volume 2075 of *LNCS*, pages 144–163. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[200] Bikash Kumar Dey and B. Sundar Rajan. f_q-linear cyclic codes over f_{q^m}: Dft characterization. In Serdar Boztaş and Igor E. Shparlinski, ed-

itors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 67–76. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[201] Giovanni Di Crescenzo. Sharing one secret vs. sharing many secrets: Tight bounds for the max improvement ratio. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 292–303. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[202] Josep Díaz, Maria Serna, and Dimitrios M. Thilikos. Counting h-colorings of partial k-trees. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 298–307. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[203] Josep Díaz, Maria Serna, and Dimitrios M. Thilikos. (h, c, k)-coloring: Fast, easy, and hard cases. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 304–315. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[204] Walter Didimo and Maurizio Pizzonia. Upward embeddings and orientations of undirected planar graphs. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 339–351. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[205] Volker Diekert, Claudio Gutiérrez, and Christian Hagenah. The existential theory of equations with rational constraints in free groups

is pspace-complete. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 170–182. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[206] Volker Diekert and Anca Muscholl. Solvability of equations in free partially commutative groups is decidable. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 543–554. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[207] Martin Dietzfelbinger and Torben Hagerup. Simple minimal perfect hashing in less space. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 109–120. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[208] Yevgeniy Dodis. New imperfect random source with applications to coin-flipping. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 297–309. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[209] Benjamin Doerr and Anand Srivastav. Recursive randomized coloring beats fair dice random colorings. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 183–194. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[210] Axel Dold and Vincent Vialard. A mechanically verified compiling specification for a lisp compiler. In Ramesh Hariharan and Madha-

van Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 144–155. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[211] Susanna Donatelli. Kronecker algebra and (stochastic) petri nets: Is it worth the effort? In José-Manuel Colom and Maciej Koutny, editors, *Proceedings of the 22nd International Conference on Application and Theory of Petri Nets, ICATPN'2001 (Newcastle upon Tyne, UK, June 25-29, 2001)*, volume 2075 of *LNCS*, pages 1–18. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[212] John R. Douceur and Roger P. Wattenhofer. Modeling replica placement in a distributed file system: Narrowing the gap between analysis and simulation. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 356–367. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[213] Rod G. Downey, Denis R. Hirschfeldt, and Geoff LaForte. Randomness and reducibility. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 316–327. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[214] Rod G. Downey, Denis R. Hirschfeldt, and André Nies. Randomness, computability, and density. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 195–205. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[215] Feodor F. Dragan. Estimating all pairs shortest paths in restricted graph families: A unified approach. In Andreas Brandstädt

and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 103–116. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[216] Feodor F. Dragan, Andrew B. Kahng, Ion I. Măndoiu, Sudhakar Muddu, and Alexander Zelikovsky. Practical approximation algorithms for separable packing linear programs. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 325–337. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[217] Manfred Droste and Guo-Qiang Zhang. Rational transformations of formal power series. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 555–566. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[218] Dingzhu Du, Lusheng Wang, and Baogang Xu. The euclidean bottleneck steiner tree and steiner tree with minimum number of steiner points. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 509–518. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[219] V. Dujmović, M. Fellows, M. Hallett, M. Kitching, G. Liotta, C. McCartin, N. Nishimura, P. Ragde, F. Rosamond, M. Suderman, S. Whitesides, and D.R. Wood. On the parameterized complexity of layered graph drawing. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 488–499. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[220] Adrian Dumitrescu and János Pach. Partitioning colored point sets into monochromatic parts. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 264–275. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[221] Rob Duncan, Jianbo Qian, and Binhai Zhu. Polynomial time algorithms for three-label point labeling. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 191–200. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[222] Pavol Ďuriš, Juraj Hromkovič, Stasys Jukna, Martin Sauerhoff, and Georg Schnitger. On multipartition communication complexity. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 206–217. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[223] Pavol Ďuris and Ján Maňuch. On the computational complexity of infinite words. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 328–337. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[224] Annette Ebbers-Baumann, Rolf Klein, Elmar Langetepe, and Andrzej Lingas. A fast algorithm for approximating the detour of a polygonal chain. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 321–332. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[225] Stephan Eidenbenz and Peter Widmayer. An approximation algorithm for minimum convex cover with logarithmic performance guarantee. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 333–344. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[226] Markus Eiglsperger and Michael Kaufmann. An approach for mixed upward planarization. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 352–364. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[227] Friedrich Eisenbrand and Günter Rote. Fast 2-variable integer programming. In Karen Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001)*, volume 2081 of *LNCS*, pages 78–89. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[228] Michael Elkin and David Peleg. Approximating k-spanner problems for $k > 2$. In Karen Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001)*, volume 2081 of *LNCS*, pages 90–104. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[229] Robert Elsässer, Rastislav Královič, and Burkhard Monien. Scalable sparse topologies with small spectrum. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 218–229. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[230] Sylvia Encheva and Gérard Cohen. Partially identifying codes for copyright protection. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 260–267. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[231] Lars Engebretsen and Marek Karpinski. Approximation hardness of tsp with bounded metrics. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 201–212. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[232] David Eppstein. Small maximal independent sets and faster exact graph coloring. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 462–470. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[233] Leah Epstein. On-line variable sized covering. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 463–472. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[234] Leah Epstein. Optimal preemptive scheduling on uniform processors with non-decreasing speed ratios. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 230–237. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[235] Leah Epstein and Rob van Stee. Lower bounds for on-line single-machine scheduling. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 338–350. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[236] Thomas Erlebach. Approximation algorithms and complexity results for path problems in trees of rings. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 351–362. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[237] Thomas Erlebach, Martin Gantenbein, Daniel Hürlimann, Gabriele Neyer, Aris Pagourtzis, Paolo Penna, Konrad Schlude Kathleen Steinhöfel, David Scot Taylor, and Peter Widmayer. On the complexity of train assignment problems. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 390–402. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[238] Thomas Erlebach, Hans Kellerer, and Ulrich Pferschy. Approximating multi-objective knapsack problems. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 210–221. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[239] Wolfgang Espelage, Frank Gurski, and Egon Wanke. Deciding clique-width for graphs of bounded tree-width. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*,

pages 87–98. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[240] Wolfgang Espelage, Frank Gurski, and Egon Wanke. How to solve *np*-hard graph problems on clique-width bounded graphs in polynomial time. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 117–128. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[241] Wolfgang Espelage and Egon Wanke. A 3-approximation algorithm for movement minimization in conveyor flow shop processing. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 363–374. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[242] Kousha Etessami, Thomas Wilke, and Rebecca A. Schuller. Fair simulation relations, parity games, and state space reduction for büchi automata. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 694–707. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[243] Rolf Fagerberg, Rune E. Jensen, and Kim S. Larsen. Search trees with relaxed balance and near-optimal height. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 414–425. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[244] Qizhi Fang, Shanfeng Zhu, Maocheng Cai, and Xiaotie Deng. Membership for core of *lp* games and other games. In Jie Wang,

editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 247–256. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[245] Uriel Feige and Michael Langberg. The rpr^2 rounding technique for semidefinite programs. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 213–224. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[246] Joan Feigenbaum, Yuval Ishai, Tal Malkin, Kobbi Nissim, Martin J. Strauss, and Rebecca N. Wright. Secure multiparty computation of approximations. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 927–938. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[247] Sándor P. Fekete, Ekkehard Köhler, and Jürgen Teich. Higher-dimensional packing with order constraints. In Frank Dehne, Jörg-Rüdiger Sack, and Roberto Tamassia, editors, *Proceedings of the 7th International Workshop on Algorithms and Data Structures, WADS'2001 (Providence, RI, USA, August 8-10, 2001)*, volume 2125 of *LNCS*, pages 300–312. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[248] Michael R. Fellows. Parameterized complexity: The main ideas and some research frontiers. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 291–307. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[249] Haodi Feng. (g, f)-factorizations orthogonal to k subgraphs. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 129–139. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[250] Haodi Feng. Some results on orthogonal factorizations. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 414–419. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[251] Sébastien Ferenczi, Charles Holton, and Luca Q. Zamboni. Combinatorics of three-interval exchanges. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 567–578. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[252] Cristina G. Fernandes and Till Nierhoff. The ups problem. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 238–246. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[253] Guillaume Fertin, André Raspaud, and Bruce Reed. On star coloring of graphs. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 140–153. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[254] Jiří Fiala, Aleksei V. Fishkin, and Fedor V. Fomin. Online and offline distance constrained labeling of disk graphs. In Friedhelm

Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 464–475. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[255] Jiří Fiala, Klaus Jansen, Van Bang Le, and Eike Seidel. Graph subcolorings: Complexity and algorithms. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 154–165. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[256] Jiří Fiala and Jan Kratochvíl. Complexity of partial covers of graphs. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 537–549. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[257] Amos Fiat. Some recent results on data mining and search. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 33–36. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[258] Irene Finocchi. Layered drawings of graphs with crossing constraints. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of *LNCS*, pages 357–367. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[259] Irene Finocchi and Rossella Petreschi. On the validity of hierarchical decompositions. In Jie Wang, editor, *Proceedings of the 7th Annual International Conference on Computing and Combinatorics, COCOON'2001 (Guilin, China, August 20-23, 2001)*, volume 2108 of

LNCS, pages 368–374. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong-Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[260] Aleksei V. Fishkin, Klaus Jansen, and Monaldo Mastrolilli. Grouping techniques for scheduling problems: Simpler and faster. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 206–217. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[261] Aleksei V. Fishkin, Klaus Jansen, and Lorant Porkolab. On minimizing average weighted completion time of multiprocessor tasks with release dates. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 875–886. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[262] Dana Fisman and Amir Pnueli. Beyond regular model checking. In Ramesh Hariharan and Madhavan Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 156–170. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[263] Philippe Flajolet, Yves Guivarc'h, Wojciech Szpankowski, and Brigitte Vallée. Hidden pattern statistics. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 152–165. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[264] Tamás Fleiner. A matroid generalization of the stable matching polytope. In Karen Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and*

Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001), volume 2081 of *LNCS*, pages 105–114. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[265] Lisa Fleischer. A 2-approximation for minimum cost 0,1,2 vertex connectivity. In Karen Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001)*, volume 2081 of *LNCS*, pages 115–129. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[266] Paola Flocchini, Giuseppe Prencipe, Nicola Santoro, and Peter Widmayer. Gathering of asynchronous oblivious robots with limited visibility. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 247–258. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[267] Fedor V. Fomin and Hans L. Bodlaender. Approximation of pathwidth of outerplanar graphs. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 166–176. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[268] Fedor V. Fomin and Dimitrios M. Thilikos. On the monotonicity of games generated by symmetric submodular functions. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 177–188. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[269] Jürgen Forster, Matthias Krause, Satyanarayana V. Lokam, Rustam Mubarakzjanov, Niels Schmitt, and Hans Ulrich Simon. Relations between communication complexity, linear arrangements, and

computational complexity. In Ramesh Hariharan and Madhavan Mukund, editors, *Proceedings of the 21st Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2001 (Bangalore, India, December 13-15, 2001)*, volume 2245 of *LNCS*, pages 171–182. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[270] Hervé Fournier. Quantifier rank for parity of embedded finite models. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 375–386. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[271] Aviezri S. Fraenkel and Jamie Simpson. An extension of the periodicity lemma to longer periods. In Amihood Amir and Gad M. Landau, editors, *Proceedings of the 12th Annual Symposium on Combinatorial Pattern Matching, CPM'2001 (Jerusalem, Israel, July 1-4, 2001)*, volume 2089 of *LNCS*, pages 98–105. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[272] Pierre Fraigniaud. Approximation algorithms for minimum-time broadcast under the vertex-disjoint paths mode. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 440–451. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[273] Pierre Fraigniaud and Cyril Gavoille. Routing in trees. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 757–772. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[274] András Frank and Tamás Király. Combined connectivity augmentation and orientation problems. In Karen Aardal and Bert Gerards,

editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001)*, volume 2081 of *LNCS*, pages 130–144. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[275] András Frank and László Szegő. An extension of a theorem of henneberg and laman. In Karen Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001)*, volume 2081 of *LNCS*, pages 145–159. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[276] Joel Friedman and Andreas Goerdt. Recognizing more unsatisfiable random 3-sat instances efficiently. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 310–321. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[277] Carsten Friedrich and Peter Eades. The marey graph animation tool demo. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 396–406. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[278] Sven Fuhrmann, Sven Oliver Krumke, and Hans-Christoph Wirth. Multiple hotlink assignment. In Andreas Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 189–200. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[279] Satoru Fujishige and Satoru Iwata. Bisubmodular function minimization. In Karen Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and*

Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001), volume 2081 of *LNCS*, pages 160–169. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[280] Toshihiro Fujito and Tsuyoshi Okumura. A modified greedy algorithm for the set cover problem with weights 1 and 2. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 670–681. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[281] Martin Fürer. Weisfeiler-lehman refinement requires at least a linear number of iterations. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 322–333. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[282] Anahí Gajardo, Eric Goles, and Andrés Moreira. Generalized langton's ant: Dynamical behavior and complexity. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 259–270. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[283] Pawel Gajer, Michael T. Goodrich, and Stephen G. Kobourov. A multi-dimensional approach to force-directed layouts of large graphs. In Joe Marks, editor, *Proceedings of the 8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000)*, volume 1984 of *LNCS*, pages 211–221. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[284] Pawel Gajer and Stephen G. Kobourov. Grip: Graph drawing with intelligent placement. In Joe Marks, editor, *Proceedings of the*

8th International Symposium on Graph Drawing, GD'2000 (Colonial Williamsburg, VA, USA, September 20-23, 2000), volume 1984 of *LNCS*, pages 222–228. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[285] Giulia Galbiati. On min-max cycle bases. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 116–123. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[286] Clemente Galdi, Christos Kaklamanis, Manuela Montangero, and Pino Persiano. Optimal and approximate station placement in networks (with applications to multicasting and space efficient traversals). In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 271–282. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[287] Anna Galluccio and Guido Proietti. Polynomial time algorithms for edge-connectivity augmentation of hamiltonian paths. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 345–354. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[288] Rajiv Gandhi, Samir Khuller, and Aravind Srinivasan. Approximation algorithms for partial covering problems. In Fernando Orejas, Paul G. Spirakis, and Jan van Leeuwen, editors, *Proceedings of the 28th International Colloquium on Automata, Languages and Programming, ICALP'2001 (Crete, Greece, July 8-12, 2001)*, volume 2076 of *LNCS*, pages 225–236. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[289] Naveen Garg, Rohit Khandekar, Goran Konjevod, R. Ravi, F.S. Salman, and Amitabh Sinha. On the integrality gap of a natural formulation of the single-sink buy-at-bulk network design problem. In Karen

Aardal and Bert Gerards, editors, *Proceedings of the 8th International Conference on Integer Programming and Combinatorial Optimization, IPCO'2001 (Utrecht, The Netherlands, June 13-15, 2001)*, volume 2081 of *LNCS*, pages 170–184. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[290] Mari Ángeles Garrido, Claudia Iturriaga, Alberto Márquez, José Ramón Portillo, Pedro Reyes, and Alexander Wolff. Labeling subway lines. In Peter Eades and Tadao Takaoka, editors, *Proceedings of the 12th International Symposium on Algorithms and Computation, ISAAC'2001 (Christchurch, New Zealand, December 19-21, 2001)*, volume 2223 of *LNCS*, pages 649–659. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[291] P. Gaudry and É. Schost. On the invariants of the quotients of the jacobian of a curve of genus 2. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 373–386. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[292] Ricard Gavaldà and Denis Thérien. Learning expressions over monoids. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 283–293. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[293] Cyril Gavoille, Michal Katz, Nir A. Katz, Christophe Paul, and David Peleg. Approximate distance labeling schemes. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 476–487. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[294] Cyril Gavoille, David Peleg, André Raspaud, and Eric Sopena. Small k-dominating sets in planar graphs with applications. In Andreas

Brandstädt and Van Bang Le, editors, *Proceedings of the 27th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2001 (Boltenhagen, Germany, June 14-16, 2001)*, volume 2204 of *LNCS*, pages 201–216. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[295] Alexander Gaysinsky, Alon Itai, and Hadas Shachnai. Strongly competitive algorithms for caching with pipelined prefetching. In Friedhelm Meyer auf der Heide, editor, *Proceedings of the 9th Annual European Symposium on Algorithms, ESA'2001 (Århus, Denmark, August 28-31, 2001)*, volume 2161 of *LNCS*, pages 49–61. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.

[296] Viliam Geffert. Space hierarchy theorem revised. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 387–397. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[297] Viliam Geffert, Carlo Mereghetti, and Giovanni Pighizzini. Converting two-way nondeterministic unary automata into simpler automata. In Jiří Sgall, Aleš Pultr, and Petr Kolman, editors, *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science, MFCS'2001 (Mariánské Lázně, Czech Republic, August 27-31, 2001)*, volume 2136 of *LNCS*, pages 398–407. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[298] Olav Geil and Tom Høholdt. On hyperbolic codes. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 159–171. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[299] Mark Giesbrecht, Jr. Jacobson, Michael, and Arne Storjohann. Algorithms for large integer matrix problems. In Serdar Boztaş and Igor E. Shparlinski, editors, *Proceedings of the 14th International Symposium on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC'2001 (Melbourne, Australia, November 26-30, 2001)*, volume 2227 of *LNCS*, pages 297–307. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Tokyo, 2001.

[300] Andreas Goerdt and Michael Krivelevich. Efficient recognition of random unsatisfiable k-sat instances by spectral methods. In Afonso Ferreira and Horst Reichel, editors, *Proceedings of the 18th Annual Symposium on Theoretical Aspects of Computer Science, STACS'2001 (Dresden, Germany, February 15-17, 2001)*, volume 2010 of *LNCS*, pages 294–304. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2001.