## References

- Peyman Afshani, Ehsan Chiniforooshan, Reza Dorrigiv, Arash Farzan, Mehdi Mirzazadeh, Narges Simjour, and Hamid Zarrabi-Zadeh. On the complexity of finding an unknown cut via vertex queries. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 459–469. Springer-Verlag, Berlin-Heidelberg, 2007.
- [2] Noga Alon and Shai Gutner. Linear time algorithms for finding a dominating set of fixed size in degenerated graphs. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 394–405. Springer-Verlag, Berlin-Heidelberg, 2007.
- [3] Noga Alon, Asaf Shapira, and Uri Stav. Can a graph have distinct regular partitions? In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, CO-COON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 428–438. Springer-Verlag, Berlin-Heidelberg, 2007.
- [4] Srinivas Aluru. The combinatorics of sequencing the corn genome. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 1–1. Springer-Verlag, Berlin-Heidelberg, 2007.
- [5] Alberto Apostolico and Claudia Tagliacollo. Optimal offline extraction of irredundant motif bases. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 360–371. Springer-Verlag, Berlin-Heidelberg, 2007.
- [6] Jan Arpe and Rüdiger Reischuk. When does greedy learning of relevant attributes succeed? — a fourier-based characterization. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July)

16-19, 2007), volume 4598 of LNCS, pages 296–306. Springer-Verlag, Berlin-Heidelberg, 2007.

- [7] Binay Bhattacharya, Yuzhuang Hu, and Alexander Kononov. Approximation algorithms for the black and white traveling salesman problem. In Guohui Lin, editor, *Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007* (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 559– 567. Springer-Verlag, Berlin-Heidelberg, 2007.
- [8] Hans L. Bodlaender, Michael R. Fellows, Michael A. Langston, Mark A. Ragan, Frances A. Rosamond, and Mark Weyer. Quadratic kernelization for convex recoloring of trees. In Guohui Lin, editor, *Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007)*, volume 4598 of *LNCS*, pages 86–96. Springer-Verlag, Berlin-Heidelberg, 2007.
- [9] Endre Boros, Konrad Borys, Khaled Elbassioni, Vladimir Gurvich, Kazuhisa Makino, and Gabor Rudolf. Generating minimal k-vertex connected spanning subgraphs. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 222–231. Springer-Verlag, Berlin-Heidelberg, 2007.
- [10] U. Brandes, C. Erten, J. Fowler, F. Frati, M. Geyer, C. Gutwenger, S. Hong, M. Kaufmann, S.G. Kobourov, G. Liotta, P. Mutzel, and A. Symvonis. Colored simultaneous geometric embeddings. In Guohui Lin, editor, *Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July* 16-19, 2007), volume 4598 of *LNCS*, pages 254–263. Springer-Verlag, Berlin-Heidelberg, 2007.
- [11] Kevin Buchin, Christian Knauer, Klaus Kriegel, André Schulz, and Raimund Seidel. On the number of cycles in planar graphs. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 97–107. Springer-Verlag, Berlin-Heidelberg, 2007.

- [12] Chiranjeeb Buragohain, Subhash Suri, Csaba D. Tóth, and Yunhong Zhou. Improved throughput bounds for interference-aware routing in wireless networks. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, CO-COON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 210–221. Springer-Verlag, Berlin-Heidelberg, 2007.
- [13] Ching-Lueh Chang and Yuh-Dauh Lyuu. Efficient testing of forecasts. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 285–295. Springer-Verlag, Berlin-Heidelberg, 2007.
- [14] Danny Z. Chen, Mark A. Healy, Chao Wang, and Xiaodong Wu. A new field splitting algorithm for intensity-modulated radiation therapy. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 4–15. Springer-Verlag, Berlin-Heidelberg, 2007.
- [15] Danny Z. Chen and Ewa Misiołek. Finding many optimal paths without growing any optimal path trees. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 232–242. Springer-Verlag, Berlin-Heidelberg, 2007.
- [16] Jianer Chen and Songjian Lu. Improved algorithms for weighted and unweighted set splitting problems. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 537–547. Springer-Verlag, Berlin-Heidelberg, 2007.
- [17] Shihyen Chen and Kaizhong Zhang. An improved algorithm for tree edit distance incorporating structural linearity. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 482–492. Springer-Verlag, Berlin-Heidelberg, 2007.

- [18] Francis Y.L. Chin. Online frequency assignment in wireless communication networks. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, CO-COON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 2–2. Springer-Verlag, Berlin-Heidelberg, 2007.
- [19] Francis Y.L. Chin, Yong Zhang, and Hong Zhu. A 1-local 13/9competitive algorithm for multicoloring hexagonal graphs. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 526–536. Springer-Verlag, Berlin-Heidelberg, 2007.
- [20] Benny Chor, Michael Fellows, Mark A. Ragan, Igor Razgon, Frances Rosamond, and Sagi Snir. Connected coloring completion for general graphs: Algorithms and complexity. In Guohui Lin, editor, *Proceedings* of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 75–85. Springer-Verlag, Berlin-Heidelberg, 2007.
- [21] George Christodoulou, Laurent Gourvès, and Fanny Pascual. Scheduling selfish tasks: About the performance of truthful algorithms. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 187–197. Springer-Verlag, Berlin-Heidelberg, 2007.
- [22] A. Czygrinow and M. Hańćkowiak. Distributed approximation algorithms for weighted problems in minor-closed families. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 515–525. Springer-Verlag, Berlin-Heidelberg, 2007.
- [23] Xiaotie Deng, Kazuo Iwama, Qi Qi, Aries Wei Sun, and Toyotaka Tasaka. Properties of symmetric incentive compatible auctions. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 264–273. Springer-Verlag, Berlin-Heidelberg, 2007.

- [24] Jean-Eudes Duchesne, Mathieu Giraud, and Nadia El-Mabrouk. Seedbased exclusion method for non-coding rna gene search. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 27–39. Springer-Verlag, Berlin-Heidelberg, 2007.
- [25] Qizhi Fang, Rudolf Fleischer, Jian Li, and Xiaoxun Sun. Algorithms for core stability, core largeness, exactness, and extendability of flow games. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 439– 447. Springer-Verlag, Berlin-Heidelberg, 2007.
- [26] Alessandro Ferrante, Gopal Pandurangan, and Kihong Park. On the hardness of optimization in power law graphs. In Guohui Lin, editor, *Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19,* 2007), volume 4598 of LNCS, pages 417–427. Springer-Verlag, Berlin-Heidelberg, 2007.
- [27] Fedor V. Fomin, Serge Gaspers, and Saket Saurabh. Improved exact algorithms for counting 3- and 4-colorings. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 65–74. Springer-Verlag, Berlin-Heidelberg, 2007.
- [28] Fedor V. Fomin and Alexey A. Stepanov. Counting minimum weighted dominating sets. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, CO-COON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 165–175. Springer-Verlag, Berlin-Heidelberg, 2007.
- [29] Stanley P.Y. Fung, Chung Keung Poon, and Feifeng Zheng. Online interval scheduling: Randomized and multiprocessor cases. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 176–186. Springer-Verlag, Berlin-Heidelberg, 2007.

- [30] Christian Glaßer, Alan L. Selman, and Liyu Zhang. The informational content of canonical disjoint np-pairs. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 307–317. Springer-Verlag, Berlin-Heidelberg, 2007.
- [31] Dan Gusfield, Yelena Frid, and Dan Brown. Integer programming formulations and computations solving phylogenetic and population genetic problems with missing or genotypic data. In Guohui Lin, editor, *Proceedings of the 13th Annual International Conference on Computing* and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 51–64. Springer-Verlag, Berlin-Heidelberg, 2007.
- [32] Kristoffer Arnsfelt Hansen. Computing symmetric boolean functions by circuits with few exact threshold gates. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 448–458. Springer-Verlag, Berlin-Heidelberg, 2007.
- [33] Kristoffer Arnsfelt Hansen, Peter Bro Miltersen, and Troels Bjerre Sørensen. Finding equilibria in games of no chance. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 274–284. Springer-Verlag, Berlin-Heidelberg, 2007.
- [34] Ryan C. Harkins and John M. Hitchcock. Dimension, halfspaces, and the density of hard sets. In Guohui Lin, editor, *Proceedings of the 13th Annual International Conference on Computing and Combinatorics, CO-COON'2007 (Banff, Canada, July 16-19, 2007)*, volume 4598 of *LNCS*, pages 129–139. Springer-Verlag, Berlin-Heidelberg, 2007.
- [35] Hovhannes Harutyunyan and Edward Maraachlian. Linear algorithm for broadcasting in unicyclic graphs. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 372–382. Springer-Verlag, Berlin-Heidelberg, 2007.

- [36] Pinar Heggernes and Charis Papadopoulos. Single-edge monotonic sequences of graphs and linear-time algorithms for minimal completions and deletions. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, CO-COON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 406–416. Springer-Verlag, Berlin-Heidelberg, 2007.
- [37] Robert W. Irving and David F. Manlove. An <sup>8</sup>/<sub>5</sub>-approximation algorithm for a hard variant of stable marriage. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 548–558. Springer-Verlag, Berlin-Heidelberg, 2007.
- [38] Kazuo Iwama and Takuya Nakashima. An improved exact algorithm for cubic graph tsp. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, CO-COON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 108–117. Springer-Verlag, Berlin-Heidelberg, 2007.
- [39] Maurice J. Jansen and Kenneth W. Regan. "resistant" polynomials and stronger lower bounds for depth-three arithmetical formulas. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 470–481. Springer-Verlag, Berlin-Heidelberg, 2007.
- [40] Naoki Katoh and Shin-ichi Tanigawa. Enumerating constrained noncrossing geometric spanning trees. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 243–253. Springer-Verlag, Berlin-Heidelberg, 2007.
- [41] Christian Komusiewicz, Falk Hüffner, Hannes Moser, and Rolf Niedermeier. Isolation concepts for enumerating dense subgraphs. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 140–150. Springer-Verlag, Berlin-Heidelberg, 2007.

- [42] Jan Kratochvíl and Martin Pergel. Geometric intersection graphs: Do short cycles help? In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, CO-COON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 118–128. Springer-Verlag, Berlin-Heidelberg, 2007.
- [43] Christian Ledergerber and Christophe Dessimoz. Alignments with nonoverlapping moves, inversions and tandem duplications in o(n<sup>4</sup>) time. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 151–164. Springer-Verlag, Berlin-Heidelberg, 2007.
- [44] Ming Li. Information distance from a question to an answer. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 3–3. Springer-Verlag, Berlin-Heidelberg, 2007.
- [45] Sheng Liu, Jian Zhang, and Binhai Zhu. Volume computation using a direct monte carlo method. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 198–209. Springer-Verlag, Berlin-Heidelberg, 2007.
- [46] Yunlong Liu, Jianer Chen, and Jianxin Wang. A randomized approximation algorithm for parameterized 3-d matching counting problem. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 349–359. Springer-Verlag, Berlin-Heidelberg, 2007.
- [47] Lusheng Wang, Zhanyong Wang, and Zhizhong Chen. Approximation algorithms for reconstructing the duplication history of tandem repeats. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 493– 503. Springer-Verlag, Berlin-Heidelberg, 2007.

- [48] Yufeng Wu and Dan Gusfield. A new recombination lower bound and the minimum perfect phylogenetic forest problem. In Guohui Lin, editor, *Proceedings of the 13th Annual International Conference on Computing* and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 16–26. Springer-Verlag, Berlin-Heidelberg, 2007.
- [49] Lei Xin, Bin Ma, and Kaizhong Zhang. A new quartet approach for reconstructing phylogenetic trees: Quartet joining method. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 40–50. Springer-Verlag, Berlin-Heidelberg, 2007.
- [50] Yuli Ye and Allan Borodin. Priority algorithms for the subset-sum problem. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 504– 514. Springer-Verlag, Berlin-Heidelberg, 2007.
- [51] Fuxiang Yu. On the representations of nc and log-space real numbers. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 318– 326. Springer-Verlag, Berlin-Heidelberg, 2007.
- [52] Hamid Zarrabi-Zadeh and Timothy M. Chan. An improved algorithm for online unit clustering. In Guohui Lin, editor, *Proceedings of the 13th Annual International Conference on Computing and Combinatorics, CO-COON'2007 (Banff, Canada, July 16-19, 2007)*, volume 4598 of *LNCS*, pages 383–393. Springer-Verlag, Berlin-Heidelberg, 2007.
- [53] Shengyu Zhang. Streaming algorithms measured in terms of the computed quantity. In Guohui Lin, editor, Proceedings of the 13th Annual International Conference on Computing and Combinatorics, CO-COON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 338–348. Springer-Verlag, Berlin-Heidelberg, 2007.
- [54] Xizhong Zheng. Bounded computable enumerability and hierarchy of computably enumerable reals. In Guohui Lin, editor, *Proceedings of*

the 13th Annual International Conference on Computing and Combinatorics, COCOON'2007 (Banff, Canada, July 16-19, 2007), volume 4598 of LNCS, pages 327–337. Springer-Verlag, Berlin-Heidelberg, 2007.