

## References

- [1] Hassene Aissi, Cristina Bazgan, and Daniel Vanderpooten. Approximating min-max (regret) versions of some polynomial problems. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 428–438. Springer-Verlag, Berlin-Heidelberg, 2006.
- [2] Gadi Aleksandrowicz and Gill Barequet. Counting  $d$ -dimensional poly-cubes and nonrectangular planar polyominoes. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 418–427. Springer-Verlag, Berlin-Heidelberg, 2006.
- [3] Mattias Andersson, Joachim Gudmundsson, and Christos Levcopoulos. Restricted mesh simplification using edge contractions. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 196–204. Springer-Verlag, Berlin-Heidelberg, 2006.
- [4] V. Arvind, Bireswar Das, and Partha Mukhopadhyay. The complexity of black-box ring problems. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 126–135. Springer-Verlag, Berlin-Heidelberg, 2006.
- [5] Mikhail J. Atallah. Security issues in collaborative computing. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 2–2. Springer-Verlag, Berlin-Heidelberg, 2006.
- [6] David Avis, Naoki Katoh, Makoto Ohsaki, Ileana Streinu, and Shin-ichi Tanigawa. Enumerating non-crossing minimally rigid frameworks.

- In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 205–215. Springer-Verlag, Berlin-Heidelberg, 2006.
- [7] Eitan Bachmat, Tao Kai Lam, and Avner Magen. A rigorous analysis for set-up time models — a metric perspective. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 387–397. Springer-Verlag, Berlin-Heidelberg, 2006.
- [8] Gill Barequet and Alina Shaikhet. The on-line heilbronn’s triangle problem in  $d$  dimensions. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 408–417. Springer-Verlag, Berlin-Heidelberg, 2006.
- [9] Fredrik Bengtsson and Jingsen Chen. Computing maximum-scoring segments in almost linear time. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 255–264. Springer-Verlag, Berlin-Heidelberg, 2006.
- [10] Marc Benkert, Joachim Gudmundsson, Christian Knauer, Esther Moet, René van Oostrum, and Alexander Wolff. A polynomial-time approximation algorithm for a geometric dispersion problem. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 166–175. Springer-Verlag, Berlin-Heidelberg, 2006.
- [11] Sergey Bereg, Ovidiu Daescu, and Minghui Jiang. A ptas for cutting out polygons with lines. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 176–185. Springer-Verlag, Berlin-Heidelberg, 2006.

- [12] Christoph Buchheim, Michael Jünger, Annette Menze, and Merijam Percan. Bimodal crossing minimization. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 497–506. Springer-Verlag, Berlin-Heidelberg, 2006.
- [13] Christoph Buchheim and Lanbo Zheng. Fixed linear crossing minimization by reduction to the maximum cut problem. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 507–516. Springer-Verlag, Berlin-Heidelberg, 2006.
- [14] Wun-Tat Chan, Prudence W.H. Wong, and Fencol C.C. Yung. On dynamic bin packing: An improved lower bound and resource augmentation analysis. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 309–319. Springer-Verlag, Berlin-Heidelberg, 2006.
- [15] L. Sunil Chandran and Naveen Sivadasan. Geometric representation of graphs in low dimension. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 398–407. Springer-Verlag, Berlin-Heidelberg, 2006.
- [16] Wen-Chieh Chang and Oliver Eulenstein. Reconciling gene trees with apparent polytomies. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 235–244. Springer-Verlag, Berlin-Heidelberg, 2006.
- [17] Xi Chen and Xiaotie Deng. A simplicial approach for discrete fixed point theorems. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 3–12. Springer-Verlag, Berlin-Heidelberg, 2006.

- [18] Xi Chen, Xiaotie Deng, and Becky Jie Liu. On incentive compatible competitive selection protocol. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 13–22. Springer-Verlag, Berlin-Heidelberg, 2006.
- [19] Zhixiang Chen, Richard H. Fowler, Bin Fu, and Binhai Zhu. Lower bounds on the approximation of the exemplar conserved interval distance problem of genomes. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 245–254. Springer-Verlag, Berlin-Heidelberg, 2006.
- [20] Dae-Sik Choi and In-Chan Choi. On the effectiveness of the linear programming relaxation of the 0-1 multi-commodity minimum cost network flow problem. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 517–526. Springer-Verlag, Berlin-Heidelberg, 2006.
- [21] Xin Dou, Xiaodong Wu, John E. Bayouth, and John M. Buatti. The matrix orthogonal decomposition problem in intensity-modulated radiation therapy. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 156–165. Springer-Verlag, Berlin-Heidelberg, 2006.
- [22] Chandan K. Dubey and Shashank K. Mehta. On indecomposability preserving elimination sequences. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 42–51. Springer-Verlag, Berlin-Heidelberg, 2006.
- [23] Hongbing Fan and Robert Kalbfleisch. An edge ordering problem of regular hypergraphs. In Danny Z. Chen and D.T. Lee, editors, *Proceedings*

- of the 12th Annual International Conference on Computing and Combinatorics, *COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 368–377. Springer-Verlag, Berlin-Heidelberg, 2006.
- [24] Yong Gao. On the threshold of having a linear treewidth in random graphs. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 226–234. Springer-Verlag, Berlin-Heidelberg, 2006.
- [25] Marats Golovkins and Jean-Eric Pin. Varieties generated by certain models of reversible finite automata. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 83–93. Springer-Verlag, Berlin-Heidelberg, 2006.
- [26] Zheng Gong, Xiangxue Li, and Kefei Chen. Efficient partially blind signature scheme with provable security. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 378–386. Springer-Verlag, Berlin-Heidelberg, 2006.
- [27] Yo-Sub Han and Derick Wood. Overlap-free regular languages. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 469–478. Springer-Verlag, Berlin-Heidelberg, 2006.
- [28] Shigeaki Harada, Eiji Takimoto, and Akira Maruoka. Aggregating strategy for online auctions. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 33–41. Springer-Verlag, Berlin-Heidelberg, 2006.
- [29] Sun-Yuan Hsieh and Shih-Cheng Yang. Max-snp hardness and approximation of selected-internal steiner trees. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference*

*on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 449–458. Springer-Verlag, Berlin-Heidelberg, 2006.

- [30] Xiuzhen Huang. Lower bounds and parameterized approach for longest common subsequence. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 136–145. Springer-Verlag, Berlin-Heidelberg, 2006.
- [31] Regant Y.S. Hung and H.F. Ting. A tight analysis of most-requested-first for on-demand data broadcast. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 330–339. Springer-Verlag, Berlin-Heidelberg, 2006.
- [32] Takehiro Ito, Kazuya Goto, Xiao Zhou, and Takao Nishizeki. Partitioning a multi-weighted graph to connected subgraphs of almost uniform size. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 63–72. Springer-Verlag, Berlin-Heidelberg, 2006.
- [33] Iyad A. Kanj, Luay Nakhleh, and Ge Xia. Reconstructing evolution of natural languages: Complexity and parameterized algorithms. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 299–308. Springer-Verlag, Berlin-Heidelberg, 2006.
- [34] George Karakostas and Stavros G. Kolliopoulos. Edge pricing of multi-commodity networks for selfish users with elastic demands. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 23–32. Springer-Verlag, Berlin-Heidelberg, 2006.

- [35] Jesper Torp Kristensen and Peter Bro Miltersen. Finding small obdds for incompletely specified truth tables is hard. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 489–496. Springer-Verlag, Berlin-Heidelberg, 2006.
- [36] Jianbo Li, Mingxia Chen, Jianping Li, and Weidong Li. Minimum clique partition problem with constrained weight for interval graphs. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 459–468. Springer-Verlag, Berlin-Heidelberg, 2006.
- [37] Min Chih Lin and Jayme L. Szwarcfiter. Characterizations and linear time recognition of helly circular-arc graphs. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 73–82. Springer-Verlag, Berlin-Heidelberg, 2006.
- [38] Mingen Lin, Yang Yang, and Jinhui Xu. On lazy bin covering and packing problems. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 340–349. Springer-Verlag, Berlin-Heidelberg, 2006.
- [39] Zvi Lotker, Debapriyo Majumdar, N.S. Narayanaswamy, and Ingmar Weber. Sequences characterizing  $k$ -trees. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 216–225. Springer-Verlag, Berlin-Heidelberg, 2006.
- [40] Ian McQuillan, Kai Salomaa, and Mark Daley. Iterated tgr languages: Membership problem and effective closure properties. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 94–103. Springer-Verlag, Berlin-Heidelberg, 2006.

- [41] Daniel Mölle, Stefan Richter, and Peter Rossmanith. Enumerate and expand: New runtime bounds for vertex cover variants. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 265–273. Springer-Verlag, Berlin-Heidelberg, 2006.
- [42] Rahul Muthu, N. Narayanan, and C.R. Subramanian. Optimal acyclic edge colouring of grid like graphs. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 360–367. Springer-Verlag, Berlin-Heidelberg, 2006.
- [43] Hiroshi Nagamochi. A detachment algorithm for inferring a graph from path frequency. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 274–283. Springer-Verlag, Berlin-Heidelberg, 2006.
- [44] Sheung-Hung Poon. On unfolding lattice polygons/trees and diameter-4 trees. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 186–195. Springer-Verlag, Berlin-Heidelberg, 2006.
- [45] Franco P. Preparata. The unpredictable deviousness of models. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg, 2006.
- [46] M. Sohel Rahman, Costas S. Iliopoulos, Inbok Lee, Manal Mohamed, and William F. Smyth. Finding patterns with variable length gaps or don't cares. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 146–155. Springer-Verlag, Berlin-Heidelberg, 2006.



- [47] Joel Ratsaby. On the combinatorial representation of information. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 479–488. Springer-Verlag, Berlin-Heidelberg, 2006.
- [48] Vldy Ravelomanana and Alphonse Laza Rijamamy. Creation and growth of components in a random hypergraph process. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 350–359. Springer-Verlag, Berlin-Heidelberg, 2006.
- [49] Takayuki Sato, Kazuyuki Amano, and Akira Maruoka. On the negation-limited circuit complexity of sorting and inverting  $k$ -tonic sequences. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 104–115. Springer-Verlag, Berlin-Heidelberg, 2006.
- [50] Tomoya Suzuki, Shigeru Yamashita, Masaki Nakanishi, and Katsumasa Watanabe. Robust quantum algorithms with  $\epsilon$ -biased oracles. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 116–125. Springer-Verlag, Berlin-Heidelberg, 2006.
- [51] E.C. Xavier and F.K. Miyazawa. The class constrained bin packing problem with applications to video-on-demand. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 439–448. Springer-Verlag, Berlin-Heidelberg, 2006.
- [52] Ying Xiao, Christoforos Hadjicostis, and Krishnaiyan Thulasiraman. The  $d$ -identifying codes problem for vertex identification in graphs: Probabilistic analysis and an approximation algorithm. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006*

(*Taipei, Taiwan, August 15-18, 2006*), volume 4112 of *LNCS*, pages 284–298. Springer-Verlag, Berlin-Heidelberg, 2006.

- [53] Hung-I Yu, Tzu-Chin Lin, and Biing-Feng Wang. Improved algorithms for the minmax regret 1-median problem. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 52–62. Springer-Verlag, Berlin-Heidelberg, 2006.
  
- [54] Feifeng Zheng, Stanley P.Y. Fung, Wun-Tat Chan, Francis Y.L. Chin, Chung Keung Poon, and Prudence W.H. Wong. Improved on-line broadcast scheduling with deadlines. In Danny Z. Chen and D.T. Lee, editors, *Proceedings of the 12th Annual International Conference on Computing and Combinatorics, COCOON'2006 (Taipei, Taiwan, August 15-18, 2006)*, volume 4112 of *LNCS*, pages 320–329. Springer-Verlag, Berlin-Heidelberg, 2006.