

## References

- [1] Jochen Alber and Rolf Niedermeier. On multi-dimensional hilbert indexings. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 329–338. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [2] Mikhail J. Atallah and Danny Z. Chen. Parallel geometric algorithms in coarse-grain network models. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 55–64. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [3] Ricardo A. Baeza-Yates. Similarity in two-dimensional strings. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 319–328. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [4] Donald Beaver. One-time tables for two-party computation. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 361–370. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [5] Anna Bernasconi. Combinatorial properties of classes of functions hard to compute in constant depth. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 339–348. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [6] Vasco Brattka, Klaus Weihrauch, and Xizhong Zheng. Approaches to effective semi-continuity of real functions. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 184–193. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [7] Jin-Yi Cai, Lane A. Hemaspaandra, and Gerd Wechsung. Robust reductions. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 174–183. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [8] H.S. Chao, F.R. Hsu, and R.C.T. Lee. An optimal algorithm for finding the minimum cardinality dominating set on permutation graphs. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 309–318. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [9] Danny Z. Chen and Ovidiu Daescu. Space-efficient algorithms for approximating polygonal curves in two dimensional space. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 45–54. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [10] Fan Chung Graham. Combinatorial problems arising in massive data sets. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 2–2. Springer-Verlag, Berlin-Heidelberg-New York-

Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [11] Yang Dai and Naoki Katoh. On computing new classes of optimal triangulations with angular constraints. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 15–24. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [12] Annalisa de Bonis, Luisa Gargano, and Ugo Vaccaro. Improved algorithms for chemical threshold testing problems. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 127–136. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [13] Ömer Eğecioğlu and Marcus Peinado. Algorithms for almost-uniform generation with an unbiased binary source. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 117–126. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [14] Michael J. Fischer. Estimating parameters of monotone boolean functions. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 3–3. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [15] Rudolf Fleischer. On the bahncard problem. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei,*

- Taiwan, R.o.C., August 12-14, 1998*), volume 1449 of *LNCS*, pages 65–74. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [16] T. Graf, V. Kamakoti, N.S. Janaki Latha, and C. Pandu Rangan. The colored sector search tree: A dynamic data structure for efficient high dimensional nearest-foreign-neighbor queries. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 35–44. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [17] Vladimir Grebinski. On the power of additive combinatorial search model. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 194–203. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [18] Ulrich Hertrampf. The inherent dimension of bounded counting classes. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 157–166. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [19] Tsan-sheng Hsu and Dian Rae Lopez. Executing divisible jobs on a network with a fixed number of processors. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 241–250. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [20] Frank K. Hwang and Wen-Dar Lin. The number of rearrangements in a 3-stage clos network using an auxiliary switch. In Wen-Lian Hsu and

- Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 204–212. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [21] Kazuo Iwama, Eiji Miyano, Satoshi Tajima, and Hisao Tamaki. Efficient randomized routing algorithms on the two-dimensional mesh of buses. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 229–240. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [22] Dongsoo S. Kim and Ding-Zhu Du. Multirate multicast switching networks. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 219–228. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [23] Marcos Kiwi, Daniel A. Spielman, and Shang-Hua Teng. Min-max-boundary domain decomposition. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 137–146. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [24] S. Rao Kosaraju and Mihai Pop. De-amortization of algorithms. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 4–14. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [25] Ming Li and Louxin Zhang. Better approximation of diagonal-flip transformation and rotation transformation. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 85–94. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [26] Alejandro López-Ortiz and Sven Schuierer. The ultimate strategy to search on  $m$  rays? In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 75–84. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [27] Chi-Jen Lu. An exact characterization of symmetric functions in  $qac^0[2]$ . In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 167–173. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [28] Bernard Mans, Francesco Pappalardi, and Igor Shparlinski. On the ádám conjecture on circulant graphs. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 251–260. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [29] Takaaki Mizuki, Hiroki Shizuya, and Takao Nishizeki. Eulerian secret key exchange. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 349–360. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [30] Christos H. Papadimitriou. Algorithmic approaches to information retrieval and data mining. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [31] Sheng-Lung Peng, Chin-Wen Ho, Tsan-sheng Hsu, Ming-Tat Ko, and Chuan Yi Tang. A linear-time algorithm for constructing an optimal node-search strategy of a tree. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 279–288. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [32] Steffen Reith and Klaus W. Wagner. On boolean lowness and boolean highness. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 147–156. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [33] Kuo-Hui Tsai and Da-Wei Wang. Lower bounds for wide-sense non-blocking clos networks. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 213–218. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [34] Cao An Wang, Francis Y. Chin, and Bo Ting Yang. Maximum weight triangulation and its application on graph drawing. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 25–

34. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [35] Jeng-Jung Wang, Ting-Yi Sung, Lih-Hsing Hsu, and Men-Yang Lin. A new family of optimal 1-hamiltonian graphs with small diameter. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 269–278. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [36] Jie Wang and Yaorong Ge. A graph optimization problem in virtual colonoscopy. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 289–298. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [37] Bang Ye Wu, Kun-Mao Chao, and Chuan Yi Tang. Approximation and exact algorithms for constructing minimum ultrametric trees from distance matrices. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 299–308. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [38] Guoliang Xue. A cost optimal parallel algorithm for computing force field in  $n$ -body simulations. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 95–104. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.
- [39] Mutsunori Yagiura and Toshihide Ibaraki. Efficient 2 and 3-flip neighborhood search algorithms for the max sat. In Wen-Lian Hsu and Ming-



Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 105–116. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.

- [40] Wenan Zang. Proof of toft's conjecture: Every graph containing no fully odd  $k_4$  is 3-colorable. In Wen-Lian Hsu and Ming-Yang Kao, editors, *Proceedings of the 4th Annual International Conference on Computing and Combinatorics, COCOON'98 (Taipei, Taiwan, R.o.C., August 12-14, 1998)*, volume 1449 of *LNCS*, pages 261–268. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1998.