

## References

- [1] A. Aazami, J. Cherian, and K.R. Jampani. Approximation algorithms and hardness results for packing element-disjoint steiner trees in planar graphs. *Algorithmica*, 63(1-2):425–456, 2012.
- [2] Antonis Achilleos, Michael Lampis, and Valia Mitsou. Parameterized modal satisfiability. *Algorithmica*, 64(1):38–55, 2012.
- [3] Isolde Adler, Frederic Dorn, Fedor V. Fomin, Ignasi Sau, and Dimitrios M. Thilikos. Fast minor testing in planar graphs. *Algorithmica*, 64(1):69–84, 2012.
- [4] Micah Adler and Brent Heeringa. Approximating optimal binary decision trees. *Algorithmica*, 62(3-4):1112–1121, 2012.
- [5] Pankaj K. Agarwal, Esther Ezra, and Micha Sharir. Near-linear approximation algorithms for geometric hitting sets. *Algorithmica*, 63(1-2):1–25, 2012.
- [6] Kunal Agrawal, Anne Benoit, Fanny Dufossé, and Yves Robert. Mapping filtering streaming applications. *Algorithmica*, 62(1-2):258–308, 2012.
- [7] Hee-Kap Ahn and Otfried Cheong. Aligning two convex figures to minimize area or perimeter. *Algorithmica*, 62(1-2):464–479, 2012.
- [8] Youhei Akimoto, Yuichi Nagata, Isao Ono, and Shigenobu Kobayashi. Theoretical foundation for cma-es from information geometry perspective. *Algorithmica*, 64(4):698–716, 2012.
- [9] Dan Alistarh, Seth Gilbert, Rachid Guerraoui, and Corentin Travers. Of choices, failures and asynchrony: The many faces of set agreement. *Algorithmica*, 62(1-2):595–629, 2012.
- [10] Elliot Anshelevich, Deeparnab Chakrabarty, Ameya Hate, and Chaitanya Swamy. Approximability of the firefighter problem — computing cuts over time. *Algorithmica*, 62(1-2):520–536, 2012.
- [11] Elliot Anshelevich and Martin Hoefer. Contribution games in networks. *Algorithmica*, 63(1-2):51–90, 2012.

- [12] Lars Arge, Gerth Stølting Brodal, and S. Srinivasa Rao. External memory planar point location with logarithmic updates. *Algorithmica*, 63(1-2):457–475, 2012.
- [13] Diego Arroyuelo, Gonzalo Navarro, and Kunihiko Sadakane. Stronger lempel-ziv based compressed text indexing. *Algorithmica*, 62(1-2):54–101, 2012.
- [14] Anne Auger and Carsten Witt. Theory of randomized search heuristics. *Algorithmica*, 64(4):621–622, 2012.
- [15] Maxim A. Babenko. Improved algorithms for even factors and square-free simple  $b$ -matchings. *Algorithmica*, 64(3):362–383, 2012.
- [16] Nikhil Bansal, Anupam Gupta, Jian Li, Julián Mestre, Viswanath Nagarajan, and Atri Rudra. When  $lp$  is the cure for your matching woes: Improved bounds for stochastic matchings. *Algorithmica*, 63(4):733–762, 2012.
- [17] Jérémie Barbay, Luca Castelli Aleardi, Meng He, and J. Ian Munro. Succinct representation of labeled graphs. *Algorithmica*, 62(1-2):224–257, 2012.
- [18] Frédérique Bassino, Julien David, and Cyril Nicaud. Average case analysis of moore’s state minimization algorithm. *Algorithmica*, 63(1-2):509–531, 2012.
- [19] MohammadHossein Bateni and MohammadTaghi Hajiaghayi. Euclidean prize-collecting steiner forest. *Algorithmica*, 62(3-4):906–929, 2012.
- [20] Petra Berenbrink, Tom Friedetzky, Iman Hajirasouliha, and Zengjian Hu. Convergence to equilibria in distributed, selfish reallocation processes with weighted tasks. *Algorithmica*, 62(3-4):767–786, 2012.
- [21] André Berger and Ojas Parekh. Erratum to “linear time algorithms for generalized edge dominating set problems”. *Algorithmica*, 62(1-2):633–634, 2012. Originally in Algorithmica, Vol 50, 2008, No. 2, 244-254.
- [22] Piotr Berman, Marek Karpinski, and Andrzej Lingas. Exact and approximation algorithms for geometric and capacitated set cover problems. *Algorithmica*, 64(2):295–310, 2012.

- [23] Olivier Bernardi and Éric Fusy. Schnyder decompositions for regular plane graphs and application to drawing. *Algorithmica*, 62(3-4):1159–1197, 2012.
- [24] Olivier Bernardi and Omer Giménez. A linear algorithm for the random sampling from regular languages. *Algorithmica*, 62(1-2):130–145, 2012.
- [25] Ivona Bezáková, Alistair Sinclair, Daniel Štefankovič, and Eric Vigoda. Negative examples for sequential importance sampling of binary contingency tables. *Algorithmica*, 64(4):606–620, 2012.
- [26] Philip Bille and Inge Li Gørtz. Fast arc-annotated subsequence matching in linear space. *Algorithmica*, 62(1-2):209–223, 2012.
- [27] Daniel Binkele-Raible and Henning Fernau. An exact exponential time algorithm for POWER DOMINATING SET. *Algorithmica*, 63(1-2):323–346, 2012.
- [28] Daniel Binkele-Raible and Henning Fernau. Parameterized measure & conquer for problems with no small kernels. *Algorithmica*, 64(1):189–212, 2012.
- [29] Hans L. Bodlaender, Fedor V. Fomin, Petr A. Golovach, Yota Otachi, and Erik Jan van Leeuwen. Parameterized complexity of the spanning tree congestion problem. *Algorithmica*, 64(1):85–111, 2012.
- [30] Agustín Bompadre. Exponential lower bounds on the complexity of a class of dynamic programs for combinatorial optimization problems. *Algorithmica*, 62(3-4):659–700, 2012.
- [31] Vincenzo Bonifaci and Alberto Marchetti-Spaccamela. Feasibility analysis of sporadic real-time multiprocessor task systems. *Algorithmica*, 63(4):763–780, 2012.
- [32] Vincenzo Bonifaci, Alberto Marchetti-Spaccamela, and Sebastian Stiller. A constant-approximate feasibility test for multiprocessor real-time scheduling. *Algorithmica*, 62(3-4):1034–1049, 2012.
- [33] Paul Bonsma and Felix Breuer. Counting hexagonal patches and independent sets in circle graphs. *Algorithmica*, 63(3):645–671, 2012.

- [34] Prosenjit Bose, Karim Douïeb, Vida Dujmović, and John Howat. Layered working-set trees. *Algorithmica*, 63(1-2):476–489, 2012.
- [35] Nicolas Bourgeois, Bruno Escoffier, Evangelis T. Paschos, and Johan M.M. van Rooij. Fast algorithms for MAX INDEPENDENT SET. *Algorithmica*, 62(1-2):382–415, 2012.
- [36] Patrick Briest, Martin Hoefer, and Piotr Krysta. Stackelberg network pricing games. *Algorithmica*, 62(3-4):733–753, 2012.
- [37] Carlos Fisch Brito, Elias Koutsoupias, and Shailesh Vaya. Competitive analysis of organization networks or multicast acknowledgment: How much to wait? *Algorithmica*, 64(4):584–605, 2012.
- [38] Gerth Stølting Brodal, Pooya Davoodi, and S. Srinivasa Rao. On space efficient two dimensional range minimum data structures. *Algorithmica*, 63(4):815–830, 2012.
- [39] Kevin Buchin, Maike Buchin, Jaroslaw Byrka, Martin Nöllenburg, Yoshio Okamoto, Rodrigo I. Silveira, and Alexander Wolff. Drawing (complete) binary tanglegrams hardness, approximation, fixed-parameter tractability. *Algorithmica*, 62(1-2):309–332, 2012.
- [40] Sergio Cabello. Many distances in planar graphs. *Algorithmica*, 62(1-2):361–381, 2012.
- [41] Jin-Yi Cai, Sangxia Huang, and Pinyan Lu. From holant to #csp and back: Dichotomy for holant<sup>c</sup> problems. *Algorithmica*, 64(3):511–533, 2012.
- [42] Gruia Călinescu, Cristina G. Fernandes, Hemanshu Kaul, and Alexander Zelikovsky. Maximum series-parallel subgraph. *Algorithmica*, 63(1-2):137–157, 2012.
- [43] Yixin Cao and Jianer Chen. Cluster editing: Kernelization based on edge cuts. *Algorithmica*, 64(1):152–169, 2012.
- [44] N. Catusse, V. Chepoi, K. Nouioua, and Y. Vax'es. Minimum manhattan network problem in normed planes with polygonal balls: A factor 2.5 approximation algorithm. *Algorithmica*, 63(1-2):551–567, 2012.

- [45] Ho-Leung Chan, Tak-Wah Lam, Lap-Kei Lee, and Hing-Fung Ting. Continuous monitoring of distributed data streams over a time-based sliding window. *Algorithmica*, 62(3-4):1088–1111, 2012.
- [46] Shiri Chechik, Michael Langberg, David Peleg, and Liam Roditty.  $f$ -sensitivity distance oracles and routing schemes. *Algorithmica*, 63(4):861–882, 2012.
- [47] Chandra Chekuri and Nitish Korula. Pruning 2-connected graphs. *Algorithmica*, 62(1-2):436–463, 2012.
- [48] Victor Chepoi, Feodor F. Dragan, Bertrand Estellon, Michel Habib, Yann Vax’es, and Yang Xiang. Additive spanners and distance and routing labeling schemes for hyperbolic graphs. *Algorithmica*, 62(3-4):713–732, 2012.
- [49] Victor Chepoi, Tristan Fevat, Emmanuel Godard, and Yann Vax’es. A self-stabilizing algorithm for the median problem in partial rectangular grids and their relatives. *Algorithmica*, 62(1-2):146–168, 2012.
- [50] Sherman S.M. Chow, Changshe Ma, and Jian Weng. Zero-knowledge argument for simultaneous discrete logarithms. *Algorithmica*, 64(2):246–266, 2012.
- [51] Marek Chrobak, Christoph Dürr, Flavio Guíñez, Antoni Lozano, and Nguyen Kim Thang. Tile-packing tomography is np-hard. *Algorithmica*, 64(2):267–278, 2012.
- [52] Marek Chrobak, Gerhard J. Woeginger, Kazuhisa Makino, and Haifeng Xu. Caching is hard — even in the fault model. *Algorithmica*, 63(4):781–794, 2012.
- [53] Christine Chung, Katrina Ligett, Kirk Pruhs, and Aaron Roth. The power of fair pricing mechanisms. *Algorithmica*, 63(3):634–644, 2012.
- [54] David Coudert, Florian Huc, and Dorian Mazauric. A distributed algorithm for computing the node search number in trees. *Algorithmica*, 63(1-2):158–190, 2012.
- [55] Robert Crowston, Gregory Gutin, Mark Jones, and Anders Yeo. A new lower bound on the maximum number of satisfied clauses in max-sat and its algorithmic applications. *Algorithmica*, 64(1):56–68, 2012.

- [56] Marek Cygan, Marcin Pilipczuk, Michał Pilipczuk, and Jakub Onufry Wojtaszczyk. An improved fpt algorithm and a quadratic kernel for PATHWIDTH ONE VERTEX DELETION. *Algorithmica*, 64(1):170–188, 2012.
- [57] Gianlorenzo D’Angelo, Gabriele Di Stefano, and Alfredo Navarra. Minimize the maximum duty in multi-interface networks. *Algorithmica*, 63(1-2):274–295, 2012.
- [58] Frank Dehne, Masoud T. Omran, and Jörg-Rüdiger Sack. Shortest paths in time-dependent fifo networks. *Algorithmica*, 62(1-2):416–435, 2012.
- [59] Craig Dillabaugh, Meng He, and Anil Maheshwari. Succinct and i/o efficient data structures for traversal in trees. *Algorithmica*, 63(1-2):201–223, 2012.
- [60] Nedialko B. Dimitrov and C. Greg Plaxton. Competitive weighted matching in transversal matroids. *Algorithmica*, 62(1-2):333–348, 2012.
- [61] Benjamin Doerr, Daniel Johannsen, and Carola Winzen. Multiplicative drift analysis. *Algorithmica*, 64(4):673–697, 2012.
- [62] Michael Dom, Michael R. Fellows, Frances A. Rosamond, and Somnath Sikdar. The parameterized complexity of stabbing rectangles. *Algorithmica*, 62(1-2):564–594, 2012.
- [63] Britta Dorn and Ildikó Schlotter. Multivariate complexity analysis of SWAP BRIBERY. *Algorithmica*, 64(1):126–151, 2012.
- [64] Donglei Du, Ruixing Lu, and Dachuan Xu. A primal-dual approximation algorithm for the facility location problem with submodular penalties. *Algorithmica*, 63(1-2):191–200, 2012.
- [65] Vida Dujmović, John Howat, and Pat Morin. Biased range trees. *Algorithmica*, 62(1-2):21–37, 2012.
- [66] Adrian Dumitrescu and Minghui Jiang. Minimum-perimeter intersecting polygons. *Algorithmica*, 63(3):602–615, 2012.

- [67] C.A. Duncan, E.R. Gansner, Y.F. Hu, M. Kaufmann, and S.G. Kobourov. Optimal polygonal representation of planar graphs. *Algorithmica*, 63(3):672–691, 2012.
- [68] Sebastian Eggert, Lasse Kliemann, Peter Munstermann, and Anand Srivastav. Bipartite matching in the semi-streaming model. *Algorithmica*, 63(1-2):490–508, 2012.
- [69] Amr Elmasry, Kurt Mehlhorn, and Jens M. Schmidt. An  $o(n+m)$  certifying triconnectivity algorithm for hamiltonian graphs. *Algorithmica*, 62(3-4):754–766, 2012.
- [70] Leah Epstein and Asaf Levin. On equilibria for adm minimization games. *Algorithmica*, 63(1-2):246–273, 2012.
- [71] Leah Epstein, Asaf Levin, and Rob van Stee. Approximation schemes for packing splittable items with cardinality constraints. *Algorithmica*, 62(1-2):102–129, 2012.
- [72] Babak Farzad, Lap Chi Lau, Van Bang Le, and Nguyen Ngoc Tuy. Complexity of finding graph roots with girth conditions. *Algorithmica*, 62(1-2):38–53, 2012.
- [73] Michael R. Fellows, Danny Hermelin, and Frances A. Rosamond. Well quasi orders in subclasses of bounded treewidth graphs and their algorithmic applications. *Algorithmica*, 64(1):3–18, 2012.
- [74] Paolo Ferragina, Travis Gagie, and Giovanni Manzini. Lightweight data indexing and compression in external memory. *Algorithmica*, 63(3):707–730, 2012.
- [75] Jiří Fiala, Marcin Kamiński, Bernard Lidický, and Daniël Paulusma. The  $k$ -in-a-path problem for claw-free graphs. *Algorithmica*, 62(1-2):499–519, 2012.
- [76] Paola Flocchini, David Ilcinkas, and Nicola Santoro. Ping pong in dangerous graphs: Optimal black hole search with pebbles. *Algorithmica*, 62(3-4):1006–1033, 2012.
- [77] Fedor V. Fomin, Fabrizio Grandoni, Daniel Lokshtanov, and Saket Saurabh. Sharp separation and applications to exact and parameterized algorithms. *Algorithmica*, 63(3):692–706, 2012.

- [78] Mahmoud Fouz, Manfred Kufleitner, Bodo Manthey, and Nima Zeini Jahromi. On smoothed analysis of quicksort and hoare’s find. *Algorithmica*, 62(3-4):879–905, 2012.
- [79] Greg N. Frederickson and Barry Wittman. Approximation algorithms for the traveling repairman and speeding deliveryman problems. *Algorithmica*, 62(3-4):1198–1221, 2012.
- [80] Michael L. Fredman. Generalizing a theorem of wilber on rotations in binary search trees to encompass unordered binary trees. *Algorithmica*, 62(3-4):863–878, 2012.
- [81] Serge Gaspers, Dieter Kratsch, and Mathieu Liedloff. On independent sets and bicliques in graphs. *Algorithmica*, 62(3-4):637–658, 2012.
- [82] Qi Ge and Daniel Štefankovič. The complexity of counting eulerian tours in 4-regular graphs. *Algorithmica*, 63(3):588–601, 2012.
- [83] Viliam Geffert and Giovanni Pighizzini. Pairs of complementary unary languages with “balanced” nondeterministic automata. *Algorithmica*, 63(3):571–587, 2012.
- [84] Beat Gfeller. Faster swap edge computation in minimum diameter spanning trees. *Algorithmica*, 62(1-2):169–191, 2012.
- [85] Mark Giesbrecht, Daniel S. Roche, and Hrushikesh Tilak. Computing sparse multiples of polynomials. *Algorithmica*, 64(3):454–480, 2012.
- [86] Qian-Ping Gu and Hisao Tamaki. Improved bounds on the planar branchwidth with respect to the largest grid minor size. *Algorithmica*, 64(3):416–453, 2012.
- [87] Gregory Gutin, Eun Jung Kim, Arezou Soleimanfallah, Stefan Szeider, and Anders Yeo. Parameterized complexity results for general factors in bipartite graphs with an application to constraint programming. *Algorithmica*, 64(1):112–125, 2012.
- [88] M. Hajiaghayi, R. Khandekar, and G. Kortsarz. Local search algorithms for the red-blue median problem. *Algorithmica*, 63(4):795–814, 2012.

- [89] Alexander E. Holroyd, Frank Ruskey, and Aaron Williams. Shorthand universal cycles for permutations. *Algorithmica*, 64(2):215–245, 2012.
- [90] Seok-Hee Hong and Hiroshi Nagamochi. A linear-time algorithm for star-shaped drawings of planar graphs with the minimum number of concave corners. *Algorithmica*, 62(3-4):1122–1158, 2012.
- [91] Takehiro Ito, Takuya Hara, Xiao Zhou, and Takao Nishizeki. Minimum cost partitions of trees with supply and demand. *Algorithmica*, 64(3):400–415, 2012.
- [92] Takehiro Ito, Takao Nishizeki, Michael Schröder, Takeaki Uno, and Xiao Zhou. Partitioning a weighted tree into subtrees with weights in a given range. *Algorithmica*, 62(3-4):823–841, 2012.
- [93] A.O. Ivanov and A.A. Tuzhilin. The steiner ratio gilbert-pollak conjecture is still — clarification statement. *Algorithmica*, 62(1-2):630–632, 2012.
- [94] Gábor Ivanyos, Luc Sanselme, and Miklos Santha. An efficient quantum algorithm for the hidden subgroup problem in nil-2 groups. *Algorithmica*, 62(1-2):480–498, 2012.
- [95] Tobias Jacobs. On the complexity of optimal hotlink assignment. *Algorithmica*, 62(3-4):982–1005, 2012.
- [96] Matthew J. Katz and Gila Morgenstern. A scheme for computing minimum covers within simple regions. *Algorithmica*, 62(1-2):349–360, 2012.
- [97] Telikepalli Kavitha. Faster algorithms for all-pairs small stretch distances in weighted graphs. *Algorithmica*, 63(1-2):224–245, 2012.
- [98] Alex Kesselman, Kirill Kogan, and Michael Segal. Improved competitive performance bounds for cioq switches. *Algorithmica*, 63(1-2):411–424, 2012.
- [99] Samir Khuller, Yoo-Ah Kim, and Azarakhsh Malekian. Improved approximation algorithms for data migration. *Algorithmica*, 63(1-2):347–362, 2012.

- [100] Adrian Kosowski and Alfredo Navarra. Graph decomposition for memoryless periodic exploration. *Algorithmica*, 63(1-2):26–38, 2012.
- [101] Stefan Kratsch. Polynomial kernelization for min  $f^+ \pi_1$  and max np. *Algorithmica*, 63(1-2):532–550, 2012.
- [102] Andreas Krebs, Nutan Limaye, and Meena Mahajan. Counting paths in vpa is complete for  $\#nc^1$ . *Algorithmica*, 64(2):279–294, 2012.
- [103] Michael Lampis. Algorithmic meta-theorems for restrictions of treewidth. *Algorithmica*, 64(1):19–37, 2012.
- [104] Per Kristian Lehre and Carsten Witt. Black-box search by unbiased variation. *Algorithmica*, 64(4):623–642, 2012.
- [105] Frédéric Magniez, Ashwin Nayak, Peter C. Richter, and Miklos Santha. On the hitting times of quantum versus random walks. *Algorithmica*, 63(1-2):91–116, 2012.
- [106] Dániel Marx and Ildikó Schlotter. Obtaining a planar graph by vertex deletion. *Algorithmica*, 62(3-4):807–822, 2012.
- [107] Henning Meyerhenke and Thomas Sauerwald. Beyond good partition shapes: An analysis of diffusive graph partitioning. *Algorithmica*, 64(3):329–361, 2012.
- [108] Doron Nussbaum, Shuye Pu, Jörg-Rüdiger Sack, Takeaki Uno, and Hamid Zarrabi-Zadeh. Finding maximum edge bicliques in convex bipartite graphs. *Algorithmica*, 64(2):311–325, 2012.
- [109] Zeev Nutov. Approximating node-connectivity augmentation problems. *Algorithmica*, 63(1-2):398–410, 2012.
- [110] Kazumasa Okumoto, Takuro Fukunaga, and Hiroshi Nagamochi. Divide-and-conquer algorithms for partitioning hypergraphs and submodular systems. *Algorithmica*, 62(3-4):787–806, 2012.
- [111] Matthew J. Patitz and Scott M. Summers. Identifying shapes using self-assembly. *Algorithmica*, 64(3):481–510, 2012.

- [112] Imran A. Pirwani and Mohammad R. Salavatipour. A weakly robust ptas for minimum clique partition in unit disk graphs. *Algorithmica*, 62(3-4):1050–1072, 2012.
- [113] Emmanouil Pountourakis and Angelina Vidali. A complete characterization of group-strategyproof mechanisms of cost-sharing. *Algorithmica*, 63(4):831–860, 2012.
- [114] L. Roditty. Fully dynamic geometric spanners. *Algorithmica*, 62(3-4):1073–1087, 2012.
- [115] Jens M. Schmidt. Construction sequences and certifying 3-connectivity. *Algorithmica*, 62(1-2):192–208, 2012.
- [116] Gokarna Sharma and Costas Busch. A competitive analysis for balanced transactional memory workloads. *Algorithmica*, 63(1-2):296–322, 2012.
- [117] Petra Šparl, Rafał Witkowski, and Janez Žerovnik. 1-local  $\frac{7}{5}$ -competitive algorithm for multicoloring hexagonal graphs. *Algorithmica*, 64(4):564–583, 2012.
- [118] Juraj Stacho. 3-colouring at-free graphs in polynomial time. *Algorithmica*, 64(3):384–399, 2012.
- [119] Dirk Sudholt and Christian Thyssen. A simple ant colony optimizer for stochastic shortest path problems. *Algorithmica*, 64(4):643–672, 2012.
- [120] Scott M. Summers. Reducing tile complexity for the self-assembly of scaled shapes through temperature programming. *Algorithmica*, 63(1-2):117–136, 2012.
- [121] René van Bevern, Hannes Moser, and Rolf Niedermeier. Approximation and tidying — a problem kernel for  $s$ -plex cluster vertex deletion. *Algorithmica*, 62(3-4):930–950, 2012.
- [122] Mark van Hoeij and Andrew Novocin. Gradual sub-lattice reduction and a new complexity for factoring polynomials. *Algorithmica*, 63(3):616–633, 2012.
- [123] Johan M.M. van Rooij and Hans L. Bodlaender. Exact algorithms for edge domination. *Algorithmica*, 64(4):535–563, 2012.

- [124] Pim van ’t Hof, Marcin Kamiński, and Daniël Paulusma. Finding induced paths of given parity in claw-free graphs. *Algorithmica*, 62(1-2):537–563, 2012.
- [125] Joachim von zur Gathen, Daniel Panario, and Bruce Richmond. Interval partitions and polynomial factorization. *Algorithmica*, 63(1-2):363–397, 2012.
- [126] Jing Xiao, Tiancheng Lou, and Tao Jiang. An efficient algorithm for haplotype inference on pedigrees with a small number of recombinants. *Algorithmica*, 62(3-4):951–981, 2012.
- [127] Yuichi Yoshida and Hiro Ito. Property testing on  $k$ -vertex-connectivity of graphs. *Algorithmica*, 62(3-4):701–712, 2012.
- [128] Raphael Yuster. Almost exact matchings. *Algorithmica*, 63(1-2):39–50, 2012.
- [129] Alireza Zarei and Mohammad Ghodsi. Efficient observer-dependent simplification in polygonal domains. *Algorithmica*, 62(3-4):842–862, 2012.
- [130] Mariano Zelke. Weighted matching in the semi-streaming model. *Algorithmica*, 62(1-2):1–20, 2012.