References

[1] Pierre Aboulker, Marko Radovanović, Nicolas Trotignon, and Kristina Vušković. Graphs that do not contain a cycle with a node that has at least two neighbors on it. *SIAM J. Disc. Math.*, 26(4):1510–1531, 2012.

[2] Eyal Ackerman, Radoslav Fulek, and Csaba D. Tóth. Graphs that admit polyline drawings with few crossing angles. *SIAM J. Disc. Math.*, 26(1):305–320, 2012.

[3] Boris Alexeev, Alexandra Fradkin, and Ilhee Kim. Forbidden induced subgraphs of double-split graphs. *SIAM J. Disc. Math.*, 26(1):1–14, 2012.

[4] Omid Amini, Fedor V. Fomin, and Saket Saurabh. Counting subgraphs via homomorphisms. *SIAM J. Disc. Math.*, 26(2):695–717, 2012.

[5] Gennadiy Averkov. On the size of lattice simplices with a single interior lattice point. *SIAM J. Disc. Math.*, 26(2):515–526, 2012.

[6] Deepak Bal and Alan Frieze. Packing tight hamilton cycles in uniform hypergraphs. *SIAM J. Disc. Math.*, 26(2):435–451, 2012.

[7] József Balogh, Tom Bohman, Béla Bollobás, and Yi Zhao. Turán densities of some hypergraphs related to k_{k+1}^k. *SIAM J. Disc. Math.*, 26(4):1609–1617, 2012.

[8] János Barát, Zoltán Füredi, Ida Kantor, Younjin Kim, and Balázs Patkós. Large b_d-free and union-free subfamilies. *SIAM J. Disc. Math.*, 26(1):71–76, 2012.

[9] Rommel M. Barbosa, Erika M.M. Coelho, Mitre C. Dourado, Dieter Rautenbach, and Jayme L. Szwarcfiter. On the carathéodory number for the convexity of paths of order three. *SIAM J. Disc. Math.*, 26(3):929–939, 2012.

[10] Michael Belfrage, Torsten Mütze, and Reto Spöhel. Probabilistic one-player ramsey games via deterministic two-player games. *SIAM J. Disc. Math.*, 26(3):1031–1049, 2012.

[11] Arnab Bhattacharyya, Elena Grigorescu, Madhav Jha, Kyomin Jung, Sofya Raskhodnikova, and David P. Woodruff. Lower bounds for local monotonicity reconstruction from transitive-closure spanners. *SIAM J. Disc. Math.*, 26(2):618–646, 2012.

[12] Víctor Blanco and Justo Puerto. An application of integer programming to the decomposition of numerical semigroups. *SIAM J. Disc. Math.*, 26(3):1210–1237, 2012.

[13] Manuel Bodirsky, Hubie Chen, and Tomás Feder. On the complexity of mmsnp. *SIAM J. Disc. Math.*, 26(1):404–414, 2012.

[14] Tristram Bogart and Eric Katz. Obstructions to lifting tropical curves in surfaces in 3-space. *SIAM J. Disc. Math.*, 26(3):1050–1067, 2012.

[15] Andreas Brieden and Peter Gritzmann. On optimal weighted balanced clusterings: Gravity bodies and power diagrams. *SIAM J. Disc. Math.*, 26(2):415–434, 2012.

[16] Darryn Bryant, Nicholas J. Cavenagh, Barbara Maenhaut, Kyle Pula, and Ian M. Wanless. Nonextendible latin cuboids. *SIAM J. Disc. Math.*, 26(1):239–249, 2012.

[17] Boris Bukh. Multidimensional kruskal-katona theorem. *SIAM J. Disc. Math.*, 26(2):548–554, 2012.

[18] Laurent Bulteau, Guillaume Fertin, and Irena Rusu. Sorting by transpositions is difficult. *SIAM J. Disc. Math.*, 26(3):1148–1180, 2012.

[19] Pierre Charbit, Fabien de Montgolfier, and Mathieu Raffinot. Linear time split decomposition revisited. *SIAM J. Disc. Math.*, 26(2):499–514, 2012.

[20] Xujin Chen, Zhibin Chen, and Wenan Zang. Total dual integrality in some facility location problems. *SIAM J. Disc. Math.*, 26(3):1022–1030, 2012.

[21] Xujin Chen, Guoli Ding, Xiaodong Hu, and Wenan Zang. The maximum-weight stable matching problem: Duality and efficiency. *SIAM J. Disc. Math.*, 26(3):1346–1360, 2012.

[22] Yong-Gao Chen and Quan-Hui Yang. On a problem of nathanson related to minimal additive complements. *SIAM J. Disc. Math.*, 26(4):1532–1536, 2012.

[23] Matia Chudnovsky and Paul Seymour. Growing without cloning. *SIAM J. Disc. Math.*, 26(2):860–880, 2012.

[24] Amin Coja-Oghlan and Angelica Pachon-Pinzon. The decimation process in random k-sat. *SIAM J. Disc. Math.*, 26(4):1471–1509, 2012.

[25] Harold Connamacher and Michael Molloy. The satisfiability threshold for a seemingly intractable random constraint satisfaction problem. *SIAM J. Disc. Math.*, 26(2):768–800, 2012.

[26] David Cook II and Uwe Nagel. Cohen-macaulay graphs and face vectors of flag complexes. *SIAM J. Disc. Math.*, 26(1):89–101, 2012.

[27] Don Coppersmith and Victor S. Miller. Binary nontiles. *SIAM J. Disc. Math.*, 26(1):30–38, 2012.

[28] Charles A. Cusack, Timothy Lewis, Daniel Simpson, and Samuel Taggart. The complexity of pebbling in diameter two graphs. *SIAM J. Disc. Math.*, 26(3):919–928, 2012.

[29] Domingos Dellamonica, Subrahmanyam Kalyanasundaram, Daniel Martin, Vojtěch Rödl, and Asaf Shapira. A deterministic algorithm for the frieze-kannan regularity lemma. *SIAM J. Disc. Math.*, 26(1):15–29, 2012.

[30] Jr. Dellamonica, Domingos, Yoshiharo Kohayakawa, Voitěch Rödl, and Andrzej Ruciński. Universality of random graphs. *SIAM J. Disc. Math.*, 26(1):353–374, 2012.

[31] Julie Delon, Julien Salomon, and Andrei Sobolevski. Local matching indicators for transport problems with concave costs. *SIAM J. Disc. Math.*, 26(2):801–827, 2012.

[32] Dariusz Dereniowski. From pathwidth to connected pathwidth. *SIAM J. Disc. Math.*, 26(4):1709–1732, 2012.

[33] Giuseppe Di Battista, Fabrizio Frati, and Maurizio Patrignani. Non-convex representations of plane graphs. *SIAM J. Disc. Math.*, 26(4):1670–1681, 2012.

[34] Guoli Ding and Cheng Liu. A chain theorem for 3^+-connected graphs. *SIAM J. Disc. Math.*, 26(1):102–113, 2012.

[35] Jan Draisma, Tyrell B. McAllister, and Benjamin Nill. Lattice-width directions and minkowski's 3^d-theorem. *SIAM J. Disc. Math.*, 26(3):1104–1107, 2012.

[36] Deanna Dreher. Cycles in graphs and covers. *SIAM J. Disc. Math.*, 26(4):1797–1819, 2012.

[37] Vida Dujmović, Gwenaël Joret, and David R. Wood. An improved bound for first-fit on posets without two long incomparable chains. *SIAM J. Disc. Math.*, 26(3):1068–1075, 2012.

[38] Christoph Dürr, Flavio Guiñez, and Martin Matamala. Reconstructing 3-colored grids from horizontal and vertical projections is np-hard: A solution to the 2-atom problem in discrete tomography. *SIAM J. Disc. Math.*, 26(1):330–352, 2012.

[39] Kunal Dutta, Dhruv Mubayi, and C.R. Subramanian. New lower bounds for the independence number of sparse graphs and hypergraphs. *SIAM J. Disc. Math.*, 26(3):1134–1147, 2012.

[40] D. Dzindzalieta, T. Juškevičius, and M. Šileikis. Optimal probability inequalities for random walks related to problems in extremal combinatorics. *SIAM J. Disc. Math.*, 26(2):828–837, 2012.

[41] Alejandro Erickson, Abraham Isgur, Bradley W. Jackson, Frank Ruskey, and Stephen M. Tanny. Nested recurrence relations with conolly-like solutions. *SIAM J. Disc. Math.*, 26(1):206–238, 2012.

[42] Beáta Faller and Mike Steel. Trait-dependent extinction leads to greater expected biodiversity loss. *SIAM J. Disc. Math.*, 26(2):472–481, 2012.

[43] Luerbio Faria, Sulamita Klein, and Matěj Stehlík. Odd cycle transversals and independent sets in fullerene graphs. *SIAM J. Disc. Math.*, 26(3):1458–1469, 2012.

[44] Babak Farzad and Dirk Oliver Theis. Random lifts of $k_5 \backslash e$ are 3-colorable. *SIAM J. Disc. Math.*, 26(1):169–176, 2012.

[45] Maria Elisa Fernandes, Dimitri Leemans, and Mark Mixer. All alternating groups a_n with $n \geq 12$ have polytopes of rank $\lfloor \frac{n-1}{2} \rfloor$. *SIAM J. Disc. Math.*, 26(2):482–498, 2012.

[46] Wendy Finbow, Elissa Ross, and Walter Whiteley. The rigidity of spherical frameworks: Swapping blocks and holes. *SIAM J. Disc. Math.*, 26(1):280–304, 2012.

[47] Fedor V. Fomin, Petr Golovach, and Paweł Prałat. Cops and robber with constraints. *SIAM J. Disc. Math.*, 26(2):571–590, 2012.

[48] Zoltán Füredi and Attila Sali. Optimal multivalued shattering. *SIAM J. Disc. Math.*, 26(2):737–744, 2012.

[49] Bryn Garrod, Grzegorz Kubicki, and Michał Morayne. How to choose the best twins. *SIAM J. Disc. Math.*, 26(1):384–398, 2012.

[50] Dániel Gerbner, Nathan Lemons, Cory Palmer, Balázs Patkós, and Vajk Szécsi. Almost intersecting families of sets. *SIAM J. Disc. Math.*, 26(4):1657–1669, 2012.

[51] David G. Glynn. An invariant for hypersurfaces in prime characteristic. *SIAM J. Disc. Math.*, 26(3):881–883, 2012.

[52] David G. Glynn and David Byatt. Graphs for orthogonal arrays and projective planes of even order. *SIAM J. Disc. Math.*, 26(3):1076–1087, 2012.

[53] John Goldwasser and John Talbot. Vertex ramsey problems in the hypercube. *SIAM J. Disc. Math.*, 26(2):838–853, 2012.

[54] Petr Gregor, Riste Škrekovski, and Vida Vukašinović. Queue layouts of hypercubes. *SIAM J. Disc. Math.*, 26(1):77–88, 2012.

[55] Elena Grigorescu, Tali Kaufman, and Madhu Sudan. Succinct representation of codes with applications to testing. *SIAM J. Disc. Math.*, 26(4):1618–1634, 2012.

[56] Cem Güneri and Ferruh Özbudak. A bound on the minimum distance of quasi-cyclic codes. *SIAM J. Disc. Math.*, 26(4):1781–1796, 2012.

[57] Sushmita Gupta, Venkatesh Raman, and Saket Saurabh. Maximum r-regular induced subgraph problem: Fast exponential algorithms and combinatorial bounds. *SIAM J. Disc. Math.*, 26(4):1758–1780, 2012.

[58] Gregory Gutin and Mark Jones. Note on large subsets of binary vectors with similar distances. *SIAM J. Disc. Math.*, 26(3):1108–1111, 2012.

[59] Ararat Harutyunyan and Bojan Mohar. Planar graphs have exponentially many 3-arboricities. *SIAM J. Disc. Math.*, 26(3):1269–1280, 2012.

[60] Frédéric Havet, Bruce Reed, and Jean-Sébastien Sereni. Griggs and yeh's conjecture and $l(p,1)$-labelings. *SIAM J. Disc. Math.*, 26(1):145–168, 2012.

[61] Pinar Heggernes, Pim van 't Hof, Daniel Lokshtanov, and Jesper Nederlof. Computing the cutwidth of bipartite permutation graphs in linear time. *SIAM J. Disc. Math.*, 26(3):1008–1021, 2012.

[62] Pavol Hell and Arash Rafiey. The dichotomy of minimum cost homomorphism problems for digraphs. *SIAM J. Disc. Math.*, 26(4):1597–1608, 2012.

[63] Pavol Hell and Arash Rafiey. Monotone proper interval digraphs and min-max orderings. *SIAM J. Disc. Math.*, 26(4):1576–1596, 2012.

[64] Michael A. Henning and Anders Yeo. Vertex disjoint cycles of different length in digraphs. *SIAM J. Disc. Math.*, 26(2):687–694, 2012.

[65] Brandon Humpert and Jeremy L. Martin. The incidence hopf algebra of graphs. *SIAM J. Disc. Math.*, 26(2):555–570, 2012.

[66] Klaus Jansen and Roberto Solis-Oba. Packing squares with profits. *SIAM J. Disc. Math.*, 26(1):263–279, 2012.

[67] Svante Janson and Yuval Peres. Hitting times for random walks with restarts. *SIAM J. Disc. Math.*, 26(2):537–547, 2012.

[68] Minghui Jiang, Vincent Pilaud, and Pedro J. Tejada. On a dispersion problem in grid labeling. *SIAM J. Disc. Math.*, 26(1):39–51, 2012.

[69] Tao Jiang and Robert Seiver. Turán numbers of subdivided graphs. *SIAM J. Disc. Math.*, 26(3):1238–1255, 2012.

[70] Raphaël M. Jungers. The synchronizing probability function of an automaton. *SIAM J. Disc. Math.*, 26(1):177–192, 2012.

[71] Volker Kaibel, Kantstantsin Pashkovich, and Dirk Oliver Theis. Symmetry matters for sizes of extended formulations. *SIAM J. Disc. Math.*, 26(3):1361–1382, 2012.

[72] Naonori Kakimura and Ken-ichi Kawarabayashi. Packing directed circuits through prescribed vertices bounded fractionally. *SIAM J. Disc. Math.*, 26(3):1121–1133, 2012.

[73] Ross J. Kang, Matthias Mnich, and Tobias Müller. Induced matchings in subcubic planar graphs. *SIAM J. Disc. Math.*, 26(3):1383–1411, 2012.

[74] Steven Kelk, Leo van Iersel, Nela Lekić, Simone Linz, Celine Scornavacca, and Leen Stougie. Cycle killer...qu'est-ce que c'est? on the comparative approximability of hybridization number and directed feedback vertex set. *SIAM J. Disc. Math.*, 26(4):1635–1656, 2012.

[75] Andrew D. King, Linyuan Lu, and Xing Peng. A fractional analogue of brooks' theorem. *SIAM J. Disc. Math.*, 26(2):452–471, 2012.

[76] Yusuke Kobayashi and Yuichi Yoshida. Algorithms for finding a maximum non-k-linked graph. *SIAM J. Disc. Math.*, 26(2):591–604, 2012.

[77] János Körner, Silvia Messuti, and Gábor Simonyi. Families of graph-different hamilton paths. *SIAM J. Disc. Math.*, 26(1):321–329, 2012.

[78] Daniel Král', Matjaž Krnc, Martin Kupec, Borut Lužar, and Jan Volec. Extending fractional precolorings. *SIAM J. Disc. Math.*, 26(2):647–660, 2012.

[79] Daniel Král', Jean-Sébastien Sereni, and Ladislav Stacho. Min-max relations for odd cycles in planar graphs. *SIAM J. Disc. Math.*, 26(3):884–895, 2012.

[80] Michael Krivelevich and Wojciech Samotij. Optimal packings of hamilton cycles in sparse random graphs. *SIAM J. Disc. Math.*, 26(3):964–982, 2012.

[81] Michael Krivelevich and Reto Spöhel. Creating small subgraphs in achlioptas processes with growing parameter. *SIAM J. Disc. Math.*, 26(2):670–686, 2012.

[82] Daniela Kühn and Deryk Osthus. On pósa's conjecture for random graphs. *SIAM J. Disc. Math.*, 26(3):1440–1457, 2012.

[83] Vadim E. Levit and Eugen Mandrescu. Vertices belonging to all critical sets of a graph. *SIAM J. Disc. Math.*, 26(1):399–403, 2012.

[84] Binlong Li, Zdenvek Ryjáček, Ying Wang, and Shenggui Zhang. Pairs of heavy subgraphs for hamiltonicity of 2-connected graphs. *SIAM J. Disc. Math.*, 26(3):1088–1103, 2012.

[85] Chun-Hung Liu and Gerard J. Chang. Roman domination on 2-connected graphs. *SIAM J. Disc. Math.*, 26(1):193–205, 2012.

[86] Zvi Lotker, Boaz Patt-Shamir, and Dror Rawitz. Rent, lease, or buy: Randomized algorithms for multislope ski rental. *SIAM J. Disc. Math.*, 26(2):718–736, 2012.

[87] Frédéric Maffray and Grégory Morel. On 3-colorable p_5-free graphs. *SIAM J. Disc. Math.*, 26(4):1682–1708, 2012.

[88] Dillon Mayhew and Goridon Royle. The internally 4-connected binary matroids with no $m(k_5 \backslash e)$-minor. *SIAM J. Disc. Math.*, 26(2):755–767, 2012.

[89] Abbas Mehrabian. On the density of nearly regular graphs with a good edge-labeling. *SIAM J. Disc. Math.*, 26(3):1265–1268, 2012.

[90] George B. Mertzios and Derek G. Corneil. A simple polynomial algorithm for the longest path problem on cocomparability graphs. *SIAM J. Disc. Math.*, 26(3):940–963, 2012.

[91] Tomoki Nakamigawa and Norihide Tokushige. Counting lattice paths via a new cycle lemma. *SIAM J. Disc. Math.*, 26(2):745–754, 2012.

[92] Atsuhiro Nakamoto, Katsuhiro Ota, and Kenta Ozeki. Book embedding of toroidal bipartite graphs. *SIAM J. Disc. Math.*, 26(2):661–669, 2012.

[93] A. Nixon, J.C. Owen, and S.C. Power. Rigidity of frameworks supported on surfaces. *SIAM J. Disc. Math.*, 26(4):1733–1757, 2012.

[94] Y. Ollivier and C. Villani. A curved brunn-minkowski inequality on the discrete hypercube, or: What is the ricci curvature of the discrete hypercube? *SIAM J. Disc. Math.*, 26(3):983–996, 2012.

[95] Erik Ordentlich, Farzad Parvaresh, and Ron M. Roth. Asymptotic enumeration of binary matrices with bounded row and column sums. *SIAM J. Disc. Math.*, 26(4):1550–1575, 2012.

[96] Soumik Pal. Brownian approximation to counting graphs. *SIAM J. Disc. Math.*, 26(3):1181–1188, 2012.

[97] Irena A. Penev. Coloring bull-free perfect graphs. *SIAM J. Disc. Math.*, 26(3):1281–1309, 2012.

[98] Enoch Peserico and Luca Pretto. Hits can converge slowly, but not too slowly, in score and rank. *SIAM J. Disc. Math.*, 26(3):1189–1209, 2012.

[99] Chiara Ravazzi and Fabio Fagnani. On the growth rate of the input-output weight distribution of convolutional encoders. *SIAM J. Disc. Math.*, 26(3):1310–1345, 2012.

[100] Frank Ruskey, Joe Sawada, and Aaron Williams. De bruijn sequences for fixed-weight binary strings. *SIAM J. Disc. Math.*, 26(2):605–617, 2012.

[101] Daniel S. Shetler, Michael A. Wurtz, and Stanisław Radziszowski. On some multicolor ramsey numbers involving $k_3 + e$ and $k_4 - e$. *SIAM J. Disc. Math.*, 26(3):1256–1264, 2012.

[102] Akiyoshi Shioura. Neighbor systems, jump systems, and bisubmodular polyhedra. *SIAM J. Disc. Math.*, 26(1):114–144, 2012.

[103] Shay Solomon. The mst of symmetric disk graphs (in arbitrary metric spaces) is light. *SIAM J. Disc. Math.*, 26(1):250–262, 2012.

[104] Douglas S. Stones. Formulae for the alon-tarsi conjecture. *SIAM J. Disc. Math.*, 26(1):65–70, 2012.

[105] Seth Sullivant. The disentangling number for phylogenetic mixtures. *SIAM J. Disc. Math.*, 26(2):856–859, 2012.

[106] Shin-ichi Tanigawa. Generic rigidity matroids with dilworth truncations. *SIAM J. Disc. Math.*, 26(3):1412–1439, 2012.

[107] T. Arthur Terlep and Jason Williford. Graphs from generalized kac-moody algebras. *SIAM J. Disc. Math.*, 26(3):1112–1120, 2012.

[108] Vijay V. Vazirani. Rational convex programs and efficient algorithms for 2-player nash and nonsymmetric bargaining games. *SIAM J. Disc. Math.*, 26(3):896–918, 2012.

[109] Le Anh Vinh. On the permanents of matrices with restricted entries over finite fields. *SIAM J. Disc. Math.*, 26(3):997–1007, 2012.

[110] Saori Watanabe, Kota Ishii, and Masanori Sawa. A *q*-analogue of the addressing problem of graphs by graham and pollak. *SIAM J. Disc. Math.*, 26(2):527–536, 2012.

[111] Andreas Wendemuth and Italo Simonelli. Majority decisions in over-lapping committees and asymptotic size of dichotomies. *SIAM J. Disc. Math.*, 26(4):1537–1549, 2012.

[112] Hsin-Lung Wu and Jen-Chun Chang. Constructing constant composition codes via distance-increasing mappings. *SIAM J. Disc. Math.*, 26(1):375–383, 2012.

[113] Hai-Yang Zhu, Xin-Zhong Lu, Cui-Qi Wang, and Ming Chen. Labeling planar graphs without 4,5-cycles with a condition on distance two. *SIAM J. Disc. Math.*, 26(1):52–64, 2012.