

References

- [1] T.L. Alderson and Keith E. Mellinger. Constructions of optical orthogonal codes from finite geometry. *SIAM J. Disc. Math.*, 21(3):785–793, 2007.
- [2] Noga Alon, Anja Krech, and Tibor Szabó. Turán’s theorem in the hypercube. *SIAM J. Disc. Math.*, 21(1):66–72, 2007.
- [3] Noga Alon and Eyal Lubetzky. Graph powers, deza, hoffman, ramsey, and shannon. *SIAM J. Disc. Math.*, 21(2):329–348, 2007.
- [4] Roel Apfelbaum and Micha Sharir. Large complete bipartite subgraphs in incidence graphs of points and hyperplanes. *SIAM J. Disc. Math.*, 21(3):707–725, 2007.
- [5] Christian Avart, Vojtěch Rödl, and Mathias Schacht. Every monotone 3-graph property is testable. *SIAM J. Disc. Math.*, 21(1):73–92, 2007.
- [6] Maria Axenovich and József Balogh. Graphs having small number of sizes on induced k -subgraphs. *SIAM J. Disc. Math.*, 21(1):264–272, 2007.
- [7] Robert Babilon, Vít Jelínek, Daniel Král’, and Pavel Valtr. Labelings of graphs with fixed and variable edge-weights. *SIAM J. Disc. Math.*, 21(3):688–706, 2007.
- [8] Amitabha Bagchi, Amitabh Chaudhary, Christian Scheideler, and Petr Kolman. Algorithms for fault-tolerant routing in circuit-switched networks. *SIAM J. Disc. Math.*, 21(1):141–157, 2007.
- [9] C. Balbuena and García-Vá.
- [10] P.N. Balister, E. Györi, J. Lehel, and R.H. Schelp. Adjacent vertex distinguishing edge-colorings. *SIAM J. Disc. Math.*, 21(1):237–250, 2007.
- [11] Imre Bárány and Jiří Matoušek. Quadratically many colorful simplices. *SIAM J. Disc. Math.*, 21(1):191–198, 2007.
- [12] S. Barik, S. Pati, and B.K. Sarma. The spectrum of the corona of two graphs. *SIAM J. Disc. Math.*, 21(1):47–56, 2007.

- [13] Kenneth A. Berman. Locating servers for reliability and affine embeddings. *SIAM J. Disc. Math.*, 21(3):637–646, 2007.
- [14] Jean-Claude Bermond, Afonso Ferreira, Stéphane Pérennes, and Joseph G. Peters. Neighborhood broadcasting in hypercubes. *SIAM J. Disc. Math.*, 21(4):823–843, 2007.
- [15] Anne Berry, Martin Charles Golumbic, and Marina Lipshteyn. Recognizing chordal probe graphs and cycle-bicolorable graphs. *SIAM J. Disc. Math.*, 21(3):573–591, 2007.
- [16] Boštjan Brešar and Sandi Klavžar. Crossing graphs as joins of graphs and cartesian products of median graphs. *SIAM J. Disc. Math.*, 21(1):26–32, 2007.
- [17] José Cáceres, Carmen Hernando, Mercè Mora, Ignacio M. Pelayo, María L. Puertas, Carlos Seara, and David R. Wood. On the metric dimension of cartesian products of graphs. *SIAM J. Disc. Math.*, 21(2):423–441, 2007.
- [18] Kathie Cameron, Elaine M. Eschen, Chinh T. Hoàng, and R. Sritharan. The complexity of the list partition problem for graphs. *SIAM J. Disc. Math.*, 21(4):900–929, 2007.
- [19] Yeow Meng Chee and Alan C.H. Ling. On extremal k -graphs without repeated copies of 2-intersecting edges. *SIAM J. Disc. Math.*, 21(3):805–821, 2007.
- [20] Qi Cheng. Constructing finite field extensions with large order elements. *SIAM J. Disc. Math.*, 21(3):726–730, 2007.
- [21] Joseph Cheriyan and Adrian Vetta. Approximation algorithms for network design with metric costs. *SIAM J. Disc. Math.*, 21(3):612–636, 2007.
- [22] Miroslav Chlebík and Janka Chlebíková. The complexity of combinatorial optimization problems on d -dimensional boxes. *SIAM J. Disc. Math.*, 21(1):158–169, 2007.
- [23] Richard Cole, Łukasz Kowalik, and Riste Škrekovski. A generalization of kotzig’s theorem and its application. *SIAM J. Disc. Math.*, 21(1):93–106, 2007.

- [24] Michele Conforti, Marco Di Summa, and Laurence A. Wolsey. The mixing set with flows. *SIAM J. Disc. Math.*, 21(2):396–407, 2007.
- [25] Michele Conforti and Bert Gerards. Packing odd circuits. *SIAM J. Disc. Math.*, 21(2):273–302, 2007.
- [26] Sorin Constantinescu and Lucian Ilie. The lempel-ziv complexity of fixed points of morphisms. *SIAM J. Disc. Math.*, 21(2):466–481, 2007.
- [27] Denis Cornaz and A. Ridha Mahjoub. The maximum induced bipartite subgraph problem with edge weights. *SIAM J. Disc. Math.*, 21(3):662–675, 2007.
- [28] Peter Dankelmann, Simon Mukwembi, and Henda C. Swart. Average distance and edge-connectivity ii. *SIAM J. Disc. Math.*, 21(4):1035–1052, 2007.
- [29] Anna de Mier. A natural family of flag matroids. *SIAM J. Disc. Math.*, 21(1):130–140, 2007.
- [30] Matt DeVos, Javad Ebrahimi, Mohammad Ghebleh, Luis Goddyn, Bojan Mohar, and Reza Naserasr. Circular coloring the plane. *SIAM J. Disc. Math.*, 21(2):461–465, 2007.
- [31] Josep Díaz, Dieter Mitsche, and Xavier Pérez. Sharp threshold for hamiltonicity of random geometric graphs. *SIAM J. Disc. Math.*, 21(1):57–65, 2007.
- [32] Moshe Dror and James B. Orlin. Combinatorial optimization with explicit delineation of the ground set by a collection of subsets. *SIAM J. Disc. Math.*, 21(4):1019–1034, 2007.
- [33] Yoshimi Egawa, Katsumi Inoue, and Ken-ichi Kawarabayashi. Nonseparating induced cycles consisting of contractible edges in k -connected graphs. *SIAM J. Disc. Math.*, 21(4):1061–1070, 2007.
- [34] Rongquan Feng, Jin Ho Kwak, and Young Soo Kwon. Erratum to “enumerating typical circulant covering projections onto a circulant graph”. *SIAM J. Disc. Math.*, 21(2):548–550, 2007. Originally in *SIAM J. Disc. Math.*, Vol. 19, 2005, No. 1, 196–207.

- [35] Bernd Gärtner and Volker Kaibel. Two new bounds for the random-edge simplex-algorithm. *SIAM J. Disc. Math.*, 21(1):178–190, 2007.
- [36] Gennian Ge and Alan C.H. Ling. On the existence of $(k_5 \setminus e)$ -designs with application to optical networks. *SIAM J. Disc. Math.*, 21(4):851–864, 2007.
- [37] Jim Geelen and Kerri Webb. On rota’s basis conjecture. *SIAM J. Disc. Math.*, 21(3):802–804, 2007.
- [38] Domingo Gómez, Jaime Gutierrez, and Álvar Ibeas. Cayley digraphs of finite abelian groups and monomial ideals. *SIAM J. Disc. Math.*, 21(3):763–784, 2007.
- [39] Ronald L. Graham, Minming Li, and Frances F. Yao. Optimal tree structures for group key management with batch updates. *SIAM J. Disc. Math.*, 21(2):532–547, 2007.
- [40] Ian D. Gray. Vertex-magic total labelings of regular graphs. *SIAM J. Disc. Math.*, 21(1):170–177, 2007.
- [41] Oktay Günlük. A new min-cut max-flow ratio for multicommodity flows. *SIAM J. Disc. Math.*, 21(1):1–15, 2007.
- [42] Stephen G. Hartke, Jennifer Vandenbussche, and Paul Wenger. Further results on bar k -visibility graphs. *SIAM J. Disc. Math.*, 21(2):523–531, 2007.
- [43] C.A.J. Hurkens, J.C.M. Keijsper, and L. Stougie. Virtual private network design: A proof of the tree routing conjecture on ring networks. *SIAM J. Disc. Math.*, 21(2):482–503, 2007.
- [44] Cor Hurkens, Leo van Iersel, Judith Keijsper, Steven Kelk, Leen Stougie, and John Tromp. Prefix reversals on binary and ternary strings. *SIAM J. Disc. Math.*, 21(3):592–611, 2007.
- [45] Yusuke Kobayashi, Kazuo Murota, and Ken’ichiro Tanaka. Operations on m -convex functions on jump systems. *SIAM J. Disc. Math.*, 21(1):107–129, 2007.
- [46] Matthias Köppe. A primal barvinok algorithm based on irrational decompositions. *SIAM J. Disc. Math.*, 21(1):220–236, 2007.

- [47] Guy Kortsarz and Sunil Shende. An improved approximation of the achromatic number on bipartite graphs. *SIAM J. Disc. Math.*, 21(2):361–373, 2007.
- [48] David Kravitz. Random 2-sat does not depend on a giant. *SIAM J. Disc. Math.*, 21(2):408–422, 2007.
- [49] Hong-Jian Lai. Mod $(2p + 1)$ -orientations and $k_{1,2p+1}$ -decompositions. *SIAM J. Disc. Math.*, 21(4):844–850, 2007.
- [50] Bruce M. Landman and Aaron Robertson. Avoiding monochromatic sequences with special gaps. *SIAM J. Disc. Math.*, 21(3):794–801, 2007.
- [51] Benjamin Lévêque and Frédéric Maffray. Coloring bull-free perfectly contractile graphs. *SIAM J. Disc. Math.*, 21(4):999–1018, 2007.
- [52] Linyuan Lu. Explicit construction of small folkman graphs. *SIAM J. Disc. Math.*, 21(4):1053–1060, 2007.
- [53] Márton Makai. On maximum cost $k_{T,T}$ -free t -matchings of bipartite graphs. *SIAM J. Disc. Math.*, 21(2):349–360, 2007.
- [54] Koji Momihara, Meinard Müller, Junya Satoh, and Masakazu Jimbo. Constant weight conflict-avoiding codes. *SIAM J. Disc. Math.*, 21(4):959–979, 2007.
- [55] Rajeev Motwani, Assaf Naor, and Rina Panigrahy. Lower bounds on locality sensitive hashing. *SIAM J. Disc. Math.*, 21(4):930–935, 2007.
- [56] Ramesh Neelamani, Sanjeeb Dash, and Richard G. Baraniuk. On nearly orthogonal lattice bases and random lattices. *SIAM J. Disc. Math.*, 21(1):199–219, 2007.
- [57] Jaroslav Nešetřil and Ida Švejdarová. Small diameters of duals. *SIAM J. Disc. Math.*, 21(2):374–384, 2007.
- [58] Harald Niederreiter and Ferruh Özbudak. Improved asymptotic bounds for codes using distinguished divisors of global function fields. *SIAM J. Disc. Math.*, 21(4):865–899, 2007.

- [59] Giuseppe Paletta and Paolamaria Pietramala. A new approximation algorithm for the nonpreemptive scheduling of independent jobs on identical parallel processors. *SIAM J. Disc. Math.*, 21(2):313–328, 2007.
- [60] Micha A. Perles and Rom Pinchasi. Forbidden k -sets in the plane. *SIAM J. Disc. Math.*, 21(2):385–395, 2007.
- [61] B. Pittel, L. Shepp, and E. Veklerov. On the number of fixed pairs in a random instance of the stable marriage problem. *SIAM J. Disc. Math.*, 21(4):947–958, 2007.
- [62] Liqun Pu, Hao Shen, Jun Ma, and San Ling. Cycle systems in the complete bipartite graph plus a one-factor. *SIAM J. Disc. Math.*, 21(4):1083–1092, 2007.
- [63] Vojtěch Rödl, Andrzej Ruciński, and Mathias Schacht. Ramsey properties of random k -partite, k -uniform hypergraphs. *SIAM J. Disc. Math.*, 21(2):442–460, 2007.
- [64] Jeffrey A. Ryan. A two-set problem on coloring the integers. *SIAM J. Disc. Math.*, 21(3):731–736, 2007.
- [65] J. Sawada. A simple gray code to list all minimal signed binary representations. *SIAM J. Disc. Math.*, 21(1):16–25, 2007.
- [66] Akiyoshi Shioura and Ken'ichiro Tanaka. Polynomial-time algorithms for linear and convex optimization on jump systems. *SIAM J. Disc. Math.*, 21(2):504–522, 2007.
- [67] Robert H. Sloan, Balázs Szörényi, and György Turán. On k -term dnf with the largest number of prime implicants. *SIAM J. Disc. Math.*, 21(4):987–998, 2007.
- [68] Shakhar Smorodinsky. On the chromatic number of geometric hypergraphs. *SIAM J. Disc. Math.*, 21(3):676–687, 2007.
- [69] Simon Špacapan. Optimal lee-type local structures in cartesian products of cycles and paths. *SIAM J. Disc. Math.*, 21(3):750–762, 2007.
- [70] Tamon Stephen. A majorization bound for the eigenvalues of some graph laplacians. *SIAM J. Disc. Math.*, 21(2):303–312, 2007.

- [71] Benny Sudakov. Ramsey numbers and the size of graphs. *SIAM J. Disc. Math.*, 21(4):980–986, 2007.
- [72] K.S. Sudeep and Sundar Vishwanathan. Matched-factor d -domatic coloring of graphs. *SIAM J. Disc. Math.*, 21(4):1071–1082, 2007.
- [73] Ken Takata. A worst-case analysis of the sequential method to list the minimal hitting sets of a hypergraph. *SIAM J. Disc. Math.*, 21(4):936–946, 2007.
- [74] Gábor Tardos and Géza Tóth. Crossing stars in topological graphs. *SIAM J. Disc. Math.*, 21(3):737–749, 2007.
- [75] A. Vince. Discrete lines and wandering paths. *SIAM J. Disc. Math.*, 21(3):647–661, 2007.
- [76] Margit Voigt. Precoloring extension for 2-connected graphs. *SIAM J. Disc. Math.*, 21(1):258–263, 2007.
- [77] Stephan G. Wagner. Correlation of graph-theoretical indices. *SIAM J. Disc. Math.*, 21(1):33–46, 2007.
- [78] Hande Yaman. The integer knapsack cover polyhedron. *SIAM J. Disc. Math.*, 21(3):551–572, 2007.