MartÄ±Ìn Matamala

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Graphs admitting antimagic labeling for arbitrary sets of positive numbers. Discrete Applied Mathematics, 2020, 281, 246-251.	0.9	3
2	Lines in bipartite graphs and in 2â€metric spaces. Journal of Graph Theory, 2020, 95, 565-585.	0.9	4
3	A New Class of Graphs That Satisfies the Chenâ€ChvÃ¡tal Conjecture. Journal of Graph Theory, 2018, 87, 77-88.	0.9	8
4	Weighted antimagic labeling. Discrete Applied Mathematics, 2018, 245, 194-201.	0.9	5
5	Graphs admitting antimagic labeling for arbitrary sets of positive integers. Electronic Notes in Discrete Mathematics, 2017, 62, 159-164.	0.4	0
6	Convex p-partitions of bipartite graphs. Theoretical Computer Science, 2016, 609, 511-514.	0.9	4
7	Weighted antimagic labeling: an algorithmic approach. Electronic Notes in Discrete Mathematics, 2015, 50, 127-132.	0.4	2
8	Injective Colorings with Arithmetic Constraints. Graphs and Combinatorics, 2015, 31, 2003-2017.	0.4	0
9	Allowing each node to communicate only once in a distributed system: shared whiteboard models. Distributed Computing, 2015, 28, 189-200.	0.8	8
10	Solving the Induced Subgraph Problem in the Randomized Multiparty Simultaneous Messages Model. Lecture Notes in Computer Science, 2015, , 370-384.	1.3	11
11	Nowhere-Zero 5-Flows and Even (1,2)-Factors. Graphs and Combinatorics, 2013, 29, 609-616.	0.4	0
12	Reconstructing 3-Colored Grids from Horizontal and Vertical Projections is NP-Hard: A Solution to the 2-Atom Problem in Discrete Tomography. SIAM Journal on Discrete Mathematics, 2012, 26, 330-352.	0.8	24
13	Adding a Referee to an Interconnection Network: What Can(not) Be Computed in One Round. , 2011, , .		20
14	Realizing disjoint degree sequences of span at most two: A tractable discrete tomography problem. Discrete Applied Mathematics, 2011, 159, 23-30.	0.9	13
15	Navigating in a Graph by Aid of Its Spanning Tree Metric. SIAM Journal on Discrete Mathematics, 2011, 25, 306-332.	0.8	14
16	The pickup and delivery problem with transfers: Formulation and a branch-and-cut solution method. European Journal of Operational Research, 2010, 200, 711-724.	5.7	172
17	Minimum Eulerian circuits and minimum de Bruijn sequences. Discrete Mathematics, 2009, 309, 5298-5304.	0.7	4
18	Degree Sequence of Tight Distance Graphs. Electronic Notes in Discrete Mathematics, 2009, 35, 329-334.	0.4	0

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19	Reconstructing 3-Colored Grids from Horizontal and Vertical Projections Is NP-hard. Lecture Notes in Computer Science, 2009, , 776-787.	1.3	13
20	Some remarks about factors of graphs. Journal of Graph Theory, 2008, 57, 265-274.	0.9	11
21	A new family of expansive graphs. Discrete Applied Mathematics, 2008, 156, 1125-1131.	0.9	6
22	Nowhere-zero 5-flows and (1, 2)-factors. Electronic Notes in Discrete Mathematics, 2008, 30, 279-284.	0.4	0
23	Navigating in a Graph by Aid of Its Spanning Tree. Lecture Notes in Computer Science, 2008, , 788-799.	1.3	2
24	Vertex partitions and maximum degenerate subgraphs. Journal of Graph Theory, 2007, 55, 227-232.	0.9	5
25	Small Alliances in Graphs. Lecture Notes in Computer Science, 2007, , 218-227.	1.3	4
26	A 5/3-Approximation for Finding Spanning Trees with Many Leaves in Cubic Graphs. , 2007, , 184-192.		6
27	Traces of the Latin American Conference on Combinatorics, Graphs and Applications. Discrete Applied Mathematics, 2006, 154, 1771-1772.	0.9	0
28	Minimal Eulerian Circuit in a Labeled Digraph. Lecture Notes in Computer Science, 2006, , 737-744.	1.3	3
29	AT-free graphs: linear bounds for the oriented diameter. Discrete Applied Mathematics, 2004, 141, 135-148.	0.9	19
30	Complexity of approximating the oriented diameter of chordal graphs. Journal of Graph Theory, 2004, 45, 255-269.	0.9	21
31	Latin-American Conference on Combinatorics, Graphs and Applications. Electronic Notes in Discrete Mathematics, 2004, 18, 1-4.	0.4	0
32	Domino tilings and related models: space of configurations of domains with holes. Theoretical Computer Science, 2004, 319, 83-101.	0.9	4
33	Dynamic of cyclic automata over Z2. Theoretical Computer Science, 2004, 322, 369-381.	0.9	0
34	Minimal de Bruijn Sequence in a Language with Forbidden Substrings. Lecture Notes in Computer Science, 2004, , 168-176.	1.3	5
35	Constructibility of speed one signal on cellular automata. Discrete Mathematics, 2003, 262, 195-209.	0.7	0
36	k-pseudosnakes in Large Grids. Lecture Notes in Computer Science, 2002, , 224-235.	1.3	1

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37	Some remarks on cycles in graphs and digraphs. Discrete Mathematics, 2001, 233, 175-182.	0.7	2
38	DYNAMICAL PROPERTIES OF MIN-MAX NETWORKS. International Journal of Neural Systems, 2000, 10, 467-473.	5.2	1
39	On the computational structure of the connected components of a hard problem. Information Processing Letters, 1999, 72, 83-90.	0.6	0
40	Uniform Simulation of Turing Machines by Cellular Automata. Nonlinear Phenomena and Complex Systems, 1999, , 23-36.	0.0	2
41	Reaction-diffusion automata: Three states implies universality. Theory of Computing Systems, 1997, 30, 223-229.	1.1	4
42	Dynamic behavior of cyclic automata networks. Discrete Applied Mathematics, 1997, 77, 161-184.	0.9	3
43	Alternation on cellular automata. Theoretical Computer Science, 1997, 180, 229-241.	0.9	8
44	Complexity and dimension. Information Processing Letters, 1997, 62, 209-212.	0.6	7
45	Symmetric discrete universal neural networks. Theoretical Computer Science, 1996, 168, 405-416.	0.9	3
46	Recursive construction of periodic steady state for neural networks. Theoretical Computer Science, 1995, 143, 251-267.	0.9	3
47	Cyclic automata networks on finite graphs. Lecture Notes in Computer Science, 1995, , 398-410.	1.3	0
48	DYNAMICAL AND COMPLEXITY RESULTS FOR HIGH ORDER NEURAL NETWORKS. International Journal of Neural Systems, 1994, 05, 241-252.	5.2	4
49	Dynamical neural schema for quadratic discrete optimizations problems. Neural Networks, 1988, 1, 96.	5.9	2
50	Graphs with no induced house nor induced hole have the de Bruijnâ€"ErdÃ¶s property. Journal of Graph Theory, 0, , .	0.9	2