

Zbigniew R Bogdanowicz

List of Publications by Year in descending order

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papers

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all docs

32
docs citations

32
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178
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyper-Hamiltonian circulants. <i>Electronic Journal of Graph Theory and Applications</i> , 2021, 9, 185.	0.2	0
2	Identifying Hamilton cycles in the Cartesian product of directed cycles. <i>AKCE International Journal of Graphs and Combinatorics</i> , 2020, 17, 534-538.	0.7	0
3	On the minimum number of spanning trees in cubic multigraphs. <i>Discussiones Mathematicae - Graph Theory</i> , 2020, 40, 149.	0.3	0
4	Optimization of persistent land coverage by swarm of drones. <i>Applied Mathematical Sciences</i> , 2018, 12, 1219-1237.	0.1	0
5	Swarm of autonomous unmanned aerial vehicles with 3D deconfliction. , 2018, , .		0
6	CYCLE EXTENDABILITY IN CIRCULANTS. <i>Far East Journal of Mathematical Sciences</i> , 2018, 104, 265-276.	0.0	0
7	Isomorphism between circulants and Cartesian products of cycles. <i>Discrete Applied Mathematics</i> , 2017, 226, 40-43.	0.9	2
8	Flying Swarm of Drones Over Circulant Digraph. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2017, 53, 2662-2670.	4.7	18
9	On decomposition of the Cartesian product of directed cycles into cycles of equal lengths. <i>Discrete Applied Mathematics</i> , 2017, 229, 148-150.	0.9	4
10	HAMILTONICITY PROPERTIES OF CIRCULANT DIGRAPHS OF SEMIPRIME OR POWER OF PRIME ORDER. <i>Far East Journal of Mathematical Sciences</i> , 2017, 101, 2461-2474.	0.0	0
11	Effect-based weapon-target assignment with minimised collateral damage. <i>International Journal of Operational Research</i> , 2016, 27, 624.	0.2	0
12	Quick Collateral Damage Estimation Based on Weapons Assigned to Targets. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015, 45, 762-769.	9.3	12
13	On isomorphism between circulant and Cartesian product of 2 cycles. <i>Discrete Applied Mathematics</i> , 2015, 194, 160-162.	0.9	4
14	Decomposition of circulant digraphs with two jumps into cycles of equal lengths. <i>Discrete Applied Mathematics</i> , 2015, 180, 45-51.	0.9	2
15	Chordal Connected Graphs and Spanning Trees. <i>Journal of Graph Theory</i> , 2014, 76, 224-235.	0.9	3
16	On Family of Graphs with Minimum Number of Spanning Trees. <i>Graphs and Combinatorics</i> , 2013, 29, 1647-1652.	0.4	3
17	Arc-Disjoint and Edge-Disjoint Hamilton Cycles in Circulants with Two Jumps. <i>Graphs and Combinatorics</i> , 2013, 29, 165-171.	0.4	2
18	Optimization of Weapon-Target Pairings Based on Kill Probabilities. <i>IEEE Transactions on Cybernetics</i> , 2013, 43, 1835-1844.	9.5	45

#	ARTICLE	IF	CITATIONS
19	Advanced Input Generating Algorithm for Effect-Based Weapon-Target Pairing Optimization. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 276-280.	2.9	23
20	On arc reversal in balanced digraphs. Discrete Mathematics, 2011, 311, 435-436.	0.7	2
21	A new efficient algorithm for optimal assignment of smart weapons to targets. Computers and Mathematics With Applications, 2009, 58, 1965-1969.	2.7	34
22	Undirected simple connected graphs with minimum number of spanning trees. Discrete Mathematics, 2009, 309, 3074-3082.	0.7	12
23	Hamilton cycles in circulant digraphs with prescribed number of distinct jumps. Discrete Mathematics, 2009, 309, 2100-2107.	0.7	3
24	Analysis of Optimal Sets of Survivable Paths in Undirected Simple Graph Applicable for Optical Networks. Electronic Notes in Discrete Mathematics, 2005, 22, 1-5.	0.4	0
25	Properties of optimal survivable paths in a graph. Computers and Mathematics With Applications, 2005, 50, 425-432.	2.7	1
26	Analysis of backup route reoptimization algorithms for optical shared mesh networks. Mathematical and Computer Modelling, 2004, 40, 1047-1055.	2.0	5
27	Capacity performance of dynamic provisioning in optical networks. Journal of Lightwave Technology, 2001, 19, 40-48.	4.6	74
28	Pancyclicity of connected circulant graphs. Journal of Graph Theory, 1996, 22, 167-174.	0.9	10
29	A new optimal packing algorithm for telecommunications networks planning. Computers and Mathematics With Applications, 1989, 18, 739-744.	2.7	1
30	The number of spanning trees in a prism. International Journal of Computer Mathematics, 1987, 21, 229-243.	1.8	21
31	On the number of spanning trees in connected cubic circulants. Applied Mathematical Sciences, 0, 9, 6325-6328.	0.1	0
32	Effect-based weapon-target assignment optimization with collateral damage under control. Applied Mathematical Sciences, 0, 10, 519-541.	0.1	0