Saieed Akbari

List of Publications by Year in descending order

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SAIFED AKRADI

#	Article	IF	CITATIONS
1	On edge-path eigenvalues of graphs. Linear and Multilinear Algebra, 2022, 70, 2998-3008.	1.0	2
2	Independent domination in subcubic graphs. Journal of Combinatorial Optimization, 2022, 43, 28-41.	1.3	3
3	On the energy of line graphs. Linear Algebra and Its Applications, 2022, 636, 143-153.	0.9	3
4	On the chromatic vertex stability number of graphs. European Journal of Combinatorics, 2022, 102, 103504.	0.8	3
5	Some Results on Dominating Induced Matchings. Graphs and Combinatorics, 2022, 38, 1.	0.4	Ο
6	Decomposing claw-free subcubic graphs and 4-chordal subcubic graphs. Discrete Applied Mathematics, 2021, 296, 52-55.	0.9	2
7	A note on the algebraic connectivity of a graph and its complement. Linear and Multilinear Algebra, 2021, 69, 1248-1254.	1.0	1
8	On a question of Haemers regarding vectors in the nullspace of Seidel matrices. Linear Algebra and Its Applications, 2021, 615, 194-206.	0.9	0
9	The main eigenvalues of signed graphs. Linear Algebra and Its Applications, 2021, 614, 270-280.	0.9	4
10	Induced path factors of regular graphs. Journal of Graph Theory, 2021, 97, 260-280.	0.9	1
11	Nowhere–zero bases for the nullspace of the incidence matrices of graphs. Linear and Multilinear Algebra, 2020, 68, 1642-1654.	1.0	Ο
12	Mixed paths and cycles determined by their spectrum. Linear Algebra and Its Applications, 2020, 586, 325-346.	0.9	2
13	Orientations of graphs avoiding given lists on outâ€degrees. Journal of Graph Theory, 2020, 93, 483-502.	0.9	Ο
14	Trees with a large Laplacian eigenvalue multiplicity. Linear Algebra and Its Applications, 2020, 586, 262-273.	0.9	1
15	Nordhaus–Gaddum and other bounds for the chromatic edge-stability number. European Journal of Combinatorics, 2020, 84, 103042.	0.8	7
16	Proof of a conjecture on the Seidel energy of graphs. European Journal of Combinatorics, 2020, 86, 103078.	0.8	8
17	Some lower bounds for the energy of graphs. Linear Algebra and Its Applications, 2020, 591, 205-214.	0.9	4
18	Zero-sum flows for Steiner systems. Discrete Mathematics, 2020, 343, 112074.	0.7	0

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19	Some properties of eigenvalues of the Seidel matrix. Linear and Multilinear Algebra, 2020, , 1-12.	1.0	4
20	Some criteria for a signed graph to have full rank. Discrete Mathematics, 2020, 343, 111910.	0.7	0
21	The coloring of the cozero-divisor graph of a commutative ring. Discrete Mathematics, Algorithms and Applications, 2020, 12, 2050023.	0.6	Ο
22	Spectra of Deza graphs. Linear and Multilinear Algebra, 2020, , 1-12.	1.0	2
23	Circular Zero-Sum r-Flows of Regular Graphs. Graphs and Combinatorics, 2020, 36, 1079-1092.	0.4	0
24	Signed complete graphs with maximum index. Discussiones Mathematicae - Graph Theory, 2020, 40, 393.	0.3	8
25	Highly edge-connected factors using given lists on degrees. Journal of Graph Theory, 2019, 90, 150-159.	0.9	Ο
26	On the largest eigenvalue of signed unicyclic graphs. Linear Algebra and Its Applications, 2019, 581, 145-162.	0.9	10
27	On the minimum energy of regular graphs. Linear Algebra and Its Applications, 2019, 581, 51-71.	0.9	2
28	Some results on the Laplacian Spread Conjecture. Linear Algebra and Its Applications, 2019, 574, 22-29.	0.9	2
29	On the eigenvalues of signed complete graphs. Linear and Multilinear Algebra, 2019, 67, 433-441.	1.0	6
30	An inequality using perfect matchings and Laplacian spread of a graph. Linear and Multilinear Algebra, 2019, 67, 442-447.	1.0	0
31	Division Algebras with Left Algebraic Commutators. Algebras and Representation Theory, 2018, 21, 807-816.	0.7	5
32	Signed graphs cospectral with the path. Linear Algebra and Its Applications, 2018, 553, 104-116.	0.9	14
33	Equimatchable Regular Graphs. Journal of Graph Theory, 2018, 87, 35-45.	0.9	4
34	On N2-vertex coloring of graphs. Discrete Mathematics, Algorithms and Applications, 2018, 10, 1850007.	0.6	0
35	Spectral characterizations of signed cycles. Linear Algebra and Its Applications, 2018, 553, 307-327.	0.9	14
36	Equimatchable claw-free graphs. Discrete Mathematics, 2018, 341, 2859-2871.	0.7	4

#	Article	IF	CITATIONS
37	The algebraic connectivity of a graph and its complement. Linear Algebra and Its Applications, 2018, 555, 157-162.	0.9	5
38	On the spectrum of some signed complete and complete bipartite graphs. Filomat, 2018, 32, 5817-5826.	0.5	5
39	Cubic graphs with total domatic number at least two. Discussiones Mathematicae - Graph Theory, 2018, 38, 75.	0.3	4
40	Order of the largest Sachs subgraphs in graphs. Linear and Multilinear Algebra, 2017, 65, 204-209.	1.0	0
41	Some results on the intersection graph of submodules of a module. Mathematica Slovaca, 2017, 67, 297-304.	0.6	2
42	Graphs with integer matching polynomial zeros. Discrete Applied Mathematics, 2017, 224, 1-8.	0.9	4
43	Imprimitivity index of the adjacency matrix of digraphs. Linear Algebra and Its Applications, 2017, 517, 1-10.	0.9	1
44	Complexity of the Improper Twin Edge Coloring of Graphs. Graphs and Combinatorics, 2017, 33, 595-615.	0.4	0
45	Zero-sum flows for triple systems. Discrete Mathematics, 2017, 340, 416-425.	0.7	4
46	The Co-annihilating-ideal Graphs of Commutative Rings. Canadian Mathematical Bulletin, 2017, 60, 3-11.	0.5	13
47	Co-maximal Graphs of Subgroups of Groups. Canadian Mathematical Bulletin, 2017, 60, 12-25.	0.5	4
48	On the Structure of the Power Graph and the Enhanced Power Graph of a Group. Electronic Journal of Combinatorics, 2017, 24, .	0.4	46
49	On double-star decomposition of graphs. Discussiones Mathematicae - Graph Theory, 2017, 37, 835.	0.3	0
50	On the Cayley Graph of a Commutative Ring with Respect to its Zero-divisors. Communications in Algebra, 2016, 44, 1443-1459.	0.6	6
51	Modules with Finitely Many Submodules. Algebra Colloquium, 2016, 23, 463-468.	0.2	1
52	Permanents of matrices over roots of unity. Linear and Multilinear Algebra, 2016, 64, 1769-1775.	1.0	1
53	0-Sum and 1-Sum Flows in Regular Graphs. Electronic Journal of Combinatorics, 2016, 23, .	0.4	3
54	The Inclusion Ideal Graph of Rings. Communications in Algebra, 2015, 43, 2457-2465.	0.6	21

#	Article	lF	CITATIONS
55	<mml:math <br="" altimg="si6.gif" display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML">overflow="scroll"><mml:mrow><mml:mo>{</mml:mo>o0<mml:mo>,</mml:mo><mml:n free spanning forests in graphs. Discrete Mathematics, 2015, 338, 1226-1231.</mml:n </mml:mrow></mml:math>	וח>2 לת וו:r	nn xx mml:mo
56	Decompositions of graphs into trees, forests, and regular subgraphs. Discrete Mathematics, 2015, 338, 1322-1327.	0.7	5
57	Upper bounds on the number of perfect matchings and directed 2-factors in graphs with given number of vertices and edges. European Journal of Combinatorics, 2015, 45, 132-144.	0.8	7
58	The intersection graph of a group. Journal of Algebra and Its Applications, 2015, 14, 1550065.	0.4	14
59	On the complement of the intersection graph of submodules of a module. Journal of Algebra and Its Applications, 2015, 14, 1550116.	0.4	12
60	The proof of a conjecture in Jacobson graph of a commutative ring. Journal of Algebra and Its Applications, 2015, 14, 1550107.	0.4	4
61	On the Unit Graph of a Non-commutative Ring. Algebra Colloquium, 2015, 22, 817-822.	0.2	10
62	An Algebraic Criterion for the Choosability of Graphs. Graphs and Combinatorics, 2015, 31, 497-506.	0.4	0
63	The Chromatic Index of a Claw-Free Graph Whose Core has Maximum Degree \$\$2\$\$ 2. Graphs and Combinatorics, 2015, 31, 805-811.	0.4	1
64	Join of two graphs admits a nowhere-zero 3-flow. Czechoslovak Mathematical Journal, 2014, 64, 433-446.	0.3	0
65	The Regular Graph of a Non-Commutative Ring. Electronic Notes in Discrete Mathematics, 2014, 45, 79-85.	0.4	0
66	Graphs whose Spectrum Determined by Non-constant Coefficients. Electronic Notes in Discrete Mathematics, 2014, 45, 29-34.	0.4	0
67	Some results on the intersection graph of ideals of matrix algebras. Linear and Multilinear Algebra, 2014, 62, 195-206.	1.0	8
68	The Chromatic Index of a Graph Whose Core is a Cycle of Order at Most 13. Graphs and Combinatorics, 2014, 30, 801-819.	0.4	1
69	{k, r – k}-Factors of r-Regular Graphs. Graphs and Combinatorics, 2014, 30, 821-826.	0.4	3
70	Proof of a theorem of Tutte using permanents. Electronic Notes in Discrete Mathematics, 2014, 45, 87-89.	0.4	0
71	Some Properties of a Cayley Graph of a Commutative Ring. Communications in Algebra, 2014, 42, 1582-1593.	0.6	12
72	Commutative Rings Whose Cozero-Divisor Graphs are Unicyclic or of Bounded Degree. Communications in Algebra, 2014, 42, 1594-1605.	0.6	10

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73	On the Finiteness of Noetherian Rings with Finitely Many Regular Elements. Communications in Algebra, 2014, 42, 2869-2870.	0.6	1
74	Complete Multipartite Graphs and their Null Set. Electronic Notes in Discrete Mathematics, 2014, 45, 67-72.	0.4	0
75	Dominating Coloring Number of Claw-free Graphs. Electronic Notes in Discrete Mathematics, 2014, 45, 91-97.	0.4	Ο
76	SOME RESULTS ON COZERO-DIVISOR GRAPH OF A COMMUTATIVE RING. Journal of Algebra and Its Applications, 2014, 13, 1350113.	0.4	9
77	On the inclusion ideal graph of a ring. Electronic Notes in Discrete Mathematics, 2014, 45, 73-78.	0.4	5
78	The multiplicity of Laplacian eigenvalue two in unicyclic graphs. Linear Algebra and Its Applications, 2014, 445, 18-28.	0.9	2
79	A Generalization of Hadamard Matrices. Electronic Notes in Discrete Mathematics, 2014, 45, 23-27.	0.4	1
80	The Classification of the Annihilating-Ideal Graphs of Commutative Rings. Algebra Colloquium, 2014, 21, 249-256.	0.2	31
81	Laplacian spectral characterization of two families of trees. Linear and Multilinear Algebra, 2014, 62, 965-977.	1.0	6
82	THE REGULAR GRAPH OF A NONCOMMUTATIVE RING. Bulletin of the Australian Mathematical Society, 2014, 89, 132-140.	0.5	10
83	Zero-Sum Magic Labelings and Null Sets of Regular Graphs. Electronic Journal of Combinatorics, 2014, 21, .	0.4	6
84	A Note on the Roman Bondage Number of Planar Graphs. Graphs and Combinatorics, 2013, 29, 327-331.	0.4	7
85	The regular graph of a commutative ring. Periodica Mathematica Hungarica, 2013, 67, 211-220.	0.9	5
86	On the Lucky Choice Number of Graphs. Graphs and Combinatorics, 2013, 29, 157-163.	0.4	21
87	Commutativity Pattern of Finite Non-Abelian <i>p</i> -Groups Determine Their Orders. Communications in Algebra, 2013, 41, 451-461.	0.6	6
88	Nowhere-zero eigenvectors of graphs. Linear and Multilinear Algebra, 2013, 61, 273-279.	1.0	4
89	A generalization of 0-sum flows in graphs. Linear Algebra and Its Applications, 2013, 438, 3629-3634.	0.9	4
90	SOME RESULTS ON THE INTERSECTION GRAPHS OF IDEALS OF RINGS. Journal of Algebra and Its Applications, 2013, 12, 1250200.	0.4	24

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91	A Note on Comaximal Graph of Non-commutative Rings. Algebras and Representation Theory, 2013, 16, 303-307.	0.7	17
92	On the edge cover polynomial of a graph. European Journal of Combinatorics, 2013, 34, 297-321.	0.8	15
93	ON THE IDEMPOTENT GRAPH OF A RING. Journal of Algebra and Its Applications, 2013, 12, 1350003.	0.4	7
94	VECTOR SPACE GENERATED BY THE MULTIPLICATIVE COMMUTATORS OF A DIVISION RING. Journal of Algebra and Its Applications, 2013, 12, 1350043.	0.4	3
95	Minimal prime ideals and cycles in annihilating-ideal graphs. Rocky Mountain Journal of Mathematics, 2013, 43, .	0.4	19
96	SOME CRITERIA FOR THE FINITENESS OF COZERO-DIVISOR GRAPHS. Journal of Algebra and Its Applications, 2013, 12, 1350056.	0.4	3
97	The <i>f</i> -Chromatic Index of a Graph Whose <i>f</i> -Core Has Maximum Degree 2. Canadian Mathematical Bulletin, 2013, 56, 449-458.	0.5	2
98	INTERSECTION GRAPH OF SUBMODULES OF A MODULE. Journal of Algebra and Its Applications, 2012, 11, 1250019.	0.4	26
99	Some criteria for a graph to be Class 1. Discrete Mathematics, 2012, 312, 2593-2598.	0.7	10
100	On the difference between chromatic number and dynamic chromatic number of graphs. Discrete Mathematics, 2012, 312, 2579-2583.	0.7	23
101	On the coloring of the annihilating-ideal graph of a commutative ring. Discrete Mathematics, 2012, 312, 2620-2626.	0.7	48
102	Harmonious coloring of trees with large maximum degree. Discrete Mathematics, 2012, 312, 1633-1637.	0.7	3
103	Chromatic number and clique number of subgraphs of regular graph of matrix algebras. Linear Algebra and Its Applications, 2012, 436, 2419-2424.	0.9	15
104	The Chromatic Index of a Graph Whose Core has Maximum Degree \$2\$. Electronic Journal of Combinatorics, 2012, 19, .	0.4	4
105	A Note on Zero-Sum 5-Flows in Regular Graphs. Electronic Journal of Combinatorics, 2012, 19, .	0.4	11
106	On Harmonious Colouring of Trees. Electronic Journal of Combinatorics, 2012, 19, .	0.4	7
107	Zero-sum flows in designs. Journal of Combinatorial Designs, 2011, 19, 355-364.	0.6	6
108	On edge star sets in trees. Discrete Mathematics, 2011, 311, 1172-1178.	0.7	1

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109	Colorful Paths in Vertex Coloring of Graphs. Electronic Journal of Combinatorics, 2011, 18, .	0.4	14
110	Zero-Sum Flows in Regular Graphs. Graphs and Combinatorics, 2010, 26, 603-615.	0.4	21
111	A relation between the Laplacian and signless Laplacian eigenvalues of a graph. Journal of Algebraic Combinatorics, 2010, 32, 459-464.	0.8	12
112	Characterization of graphs using domination polynomials. European Journal of Combinatorics, 2010, 31, 1714-1724.	0.8	52
113	ON THE EXISTENCE OF NOWHERE-ZERO VECTORS FOR LINEAR TRANSFORMATIONS. Bulletin of the Australian Mathematical Society, 2010, 82, 480-487.	0.5	0
114	Commuting Graphs of Group Algebras. Communications in Algebra, 2010, 38, 3532-3538.	0.6	3
115	On Sum of Powers of the Laplacian and Signless Laplacian Eigenvalues of Graphs. Electronic Journal of Combinatorics, 2010, 17, .	0.4	21
116	On the list dynamic coloring of graphs. Discrete Applied Mathematics, 2009, 157, 3005-3007.	0.9	45
117	List coloring of graphs having cycles of length divisible by a given number. Discrete Mathematics, 2009, 309, 613-614.	0.7	3
118	Commutativity of the adjacency matrices of graphs. Discrete Mathematics, 2009, 309, 595-600.	0.7	12
119	The total graph and regular graph of a commutative ring. Journal of Pure and Applied Algebra, 2009, 213, 2224-2228.	0.6	94
120	On graphs whose star sets are (co-)cliques. Linear Algebra and Its Applications, 2009, 430, 504-510.	0.9	3
121	Edge addition, singular values, and energy of graphs and matrices. Linear Algebra and Its Applications, 2009, 430, 2192-2199.	0.9	33
122	On zero-sum <mml:math <br="" altimg="si1.gif" xmlns:mml="http://www.w3.org/1998/Math/MathML">overflow="scroll"><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:math> -flows of graphs. Linear Algebra and Its Applications, 2009, 430, 3047-3052.	0.9	24
123	The clique numbers of regular graphs of matrix algebras are finite. Linear Algebra and Its Applications, 2009, 431, 1715-1718.	0.9	20
124	On the signed edge domination number of graphs. Discrete Mathematics, 2009, 309, 587-594.	0.7	8
125	Some relations between rank, chromatic number and energy of graphs. Discrete Mathematics, 2009, 309, 601-605.	0.7	28
126	A Class of Errorless Codes for Overloaded Synchronous Wireless and Optical CDMA Systems. IEEE Transactions on Information Theory, 2009, 55, 2705-2715.	2.4	31

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127	Choice number and energy of graphs. Linear Algebra and Its Applications, 2008, 429, 2687-2690.	0.9	12
128	Commuting Graphs of Matrix Algebras. Communications in Algebra, 2008, 36, 4020-4031.	0.6	29
129	Errorless codes for over-loaded synchronous CDMA systems and evaluation of channel capacity bounds. , 2008, , .		4
130	Commuting decompositions of complete graphs. Journal of Combinatorial Designs, 2007, 15, 133-142.	0.6	7
131	Multicolored trees in complete graphs. Journal of Graph Theory, 2007, 54, 221-232.	0.9	27
132	On unimodular graphs. Linear Algebra and Its Applications, 2007, 421, 3-15.	0.9	27
133	Some relations between rank of a graph and its complement. Linear Algebra and Its Applications, 2007, 422, 341-347.	0.9	0
134	On zero-divisor graphs of finite rings. Journal of Algebra, 2007, 314, 168-184.	0.7	65
135	Multicolored Parallelisms of Isomorphic Spanning Trees. SIAM Journal on Discrete Mathematics, 2006, 20, 564-567.	0.8	5
136	Transversals in long rectangular arrays. Discrete Mathematics, 2006, 306, 3011-3013.	0.7	3
137	Some relations among term rank, clique number and list chromatic number of a graph. Discrete Mathematics, 2006, 306, 3078-3082.	0.7	1
138	{â^'1,0,1}-Basis for the null space of a forest. Linear Algebra and Its Applications, 2006, 414, 506-511.	0.9	12
139	The kernels of the incidence matrices of graphs revisited. Linear Algebra and Its Applications, 2006, 414, 617-625.	0.9	6
140	Commuting graphs of some subsets in simple rings. Linear Algebra and Its Applications, 2006, 416, 1038-1047.	0.9	30
141	On the diameters of commuting graphs. Linear Algebra and Its Applications, 2006, 418, 161-176.	0.9	59
142	Zero-divisor graphs of non-commutative rings. Journal of Algebra, 2006, 296, 462-479.	0.7	79
143	Non-commuting graph of a group. Journal of Algebra, 2006, 298, 468-492.	0.7	174
144	A relation between choosability and uniquely list colorability. Journal of Combinatorial Theory Series B, 2006, 96, 577-583.	1.0	5

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145	r-Strong edge colorings of graphs. Discrete Mathematics, 2006, 306, 3005-3010.	0.7	72
146	Rings virtually satisfying a polynomial identity. Journal of Pure and Applied Algebra, 2005, 198, 9-19.	0.6	0
147	Rank, term rank and chromatic number of a graph. Comptes Rendus Mathematique, 2005, 340, 181-184.	0.3	Ο
148	On commuting graphs of semisimple rings. Linear Algebra and Its Applications, 2004, 390, 345-355.	0.9	49
149	Transversals and multicolored matchings. Journal of Combinatorial Designs, 2004, 12, 325-332.	0.6	13
150	On the zero-divisor graph of a commutative ring. Journal of Algebra, 2004, 274, 847-855.	0.7	139
151	Two conjectures on uniquely totally colorable graphs. Discrete Mathematics, 2003, 266, 41-45.	0.7	0
152	Maximal subgroups of GLn(D). Journal of Algebra, 2003, 259, 201-225.	0.7	37
153	When a zero-divisor graph is planar or a complete r-partite graph. Journal of Algebra, 2003, 270, 169-180.	0.7	130
154	On the matrices with constant determinant and permanent over roots of unity. Linear Algebra and Its Applications, 2003, 375, 245-249.	0.9	1
155	On linear transformations preserving at least one eigenvalue. Proceedings of the American Mathematical Society, 2003, 132, 1621-1625.	0.8	10
156	On the existence of normal maximal subgroups in division rings. Journal of Pure and Applied Algebra, 2002, 171, 123-131.	0.6	11
157	Kr-Free Uniquely Vertex Colorable Graphs with Minimum Possible Edges. Journal of Combinatorial Theory Series B, 2001, 82, 316-318.	1.0	6
158	Normal subgroups of \$GL_n(D)\$ are not finitely generated. Proceedings of the American Mathematical Society, 1999, 128, 1627-1632.	0.8	12
159	Maximal Subgroups of GL1(D). Journal of Algebra, 1999, 217, 422-433.	0.7	28
160	On Additive Commutator Groups in Division Rings. Resultate Der Mathematik, 1998, 33, 9-21.	0.2	11
161	Uniquely Total Colorable Graphs. Graphs and Combinatorics, 1997, 13, 305-314.	0.4	2
162	On 1-sum flows in undirected graphs. Electronic Journal of Linear Algebra, 0, 31, 646-665.	0.6	1

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163	A strict inequality on the energy of edge partitioning of graphs. Linear and Multilinear Algebra, 0, , 1-5.	1.0	0