## Saieed Akbari

## List of Publications by Year

 in descending orderSource: https:/|exaly.com/author-pdf/1914031/publications.pdf
Version: 2024-02-01

11 Nowhereấ $\in^{\prime \prime} z$ zero bases for the nullspace of the incidence matrices of graphs. Linear and Multilinear
Algebra, 2020, 68, 1642-1654.
1.0 ..... 0
Mixed paths and cycles determined by their spectrum. Linear Algebra and Its Applications, 2020, 586,325-346.
$0.9 \quad 2$0.90

Trees with a large Laplacian eigenvalue multiplicity. Linear Algebra and Its Applications, 2020, 586,

```
37 The algebraic connectivity of a graph and its complement. Linear Algebra and Its Applications, 2018, 555,
157-162.
```

39 Cubic graphs with total domatic number at least two. Discussiones Mathematicae - Graph Theory, 2018, 38, 75.

43 Imprimitivity index of the adjacency matrix of digraphs. Linear Algebra and Its Applications, 2017, 517,
1-10.

Complexity of the Improper Twin Edge Coloring of Graphs. Graphs and Combinatorics, 2017, 33, 595-615.

```
<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.gif" display="inline"
55 overflow="scroll"><mml:mrow><mml:mo>{</mml:mo><mml:mn>0</mml:mn><mml:mo>,</mml:mo><mml:mn>2 <\phi|mml:mn oxmml:m
    free spanning forests in graphs. Discrete Mathematics, 2015, 338, 1226-1231.
```

56 Decompositions of graphs into trees, forests, and regular subgraphs. Discrete Mathematics, 2015, 338,
1322-1327.
$0.7 \quad 5$
57 Upper bounds on the number of perfect matchings and directed 2-factors in graphs with given number
$\begin{array}{ll}0.8 & 7\end{array}$
of vertices and edges. European Journal of Combinatorics, 2015, 45, 132-144.

58 The intersection graph of a group. Journal of Algebra and Its Applications, 2015, 14, 1550065. 0.414
On the complement of the intersection graph of submodules of a module. Journal of Algebra and lts
Applications, 2015, 14, 1550116.

60 The proof of a conjecture in Jacobson graph of a commutative ring. Journal of Algebra and Its
$0.4 \quad 4$

61 On the Unit Graph of a Non-commutative Ring. Algebra Colloquium, 2015, 22, 817-822.
$0.2 \quad 10$

62 An Algebraic Criterion for the Choosability of Graphs. Graphs and Combinatorics, 2015, 31, 497-506.
$0.4 \quad 0$
63 The Chromatic Index of a Claw-Free Graph Whose Core has Maximum Degree $\$ \$ 2 \$ \$ 2$. Graphs and
Combinatorics, 2015, 31, 805-811.

Combinatorics, 2015, 31, 805-811.
Join of two graphs admits a nowhere-zero 3-flow. Czechoslovak Mathematical Journal, 2014, 64,
0.30
65 The Regular Graph of a Non-Commutative Ring. Electronic Notes in Discrete Mathematics, 2014, 45, 79-85.

$0.4 \quad 0$
66 Graphs whose Spectrum Determined by Non-constant Coefficients. Electronic Notes in Discrete$0.4 \quad 0$Mathematics, 2014, 45, 29-34.
Some results on the intersection graph of ideals of matrix algebras. Linear and Multilinear Algebra,
2014, 62, 195-206.The Chromatic Index of a Graph Whose Core is a Cycle of Order at Most 13. Graphs and Combinatorics,

On the Finiteness of Noetherian Rings with Finitely Many Regular Elements. Communications in
Algebra, 2014, 42, 2869-2870.

Complete Multipartite Graphs and their Null Set. Electronic Notes in Discrete Mathematics, 2014, 45, 67-72.

Dominating Coloring Number of Claw-free Graphs. Electronic Notes in Discrete Mathematics, 2014, 45, 91-97.

SOME RESULTS ON COZERO-DIVISOR GRAPH OF A COMMUTATIVE RING. Journal of Algebra and Its Applications, 2014, 13, 1350113.

On the inclusion ideal graph of a ring. Electronic Notes in Discrete Mathematics, 2014, 45, 73-78.
$0.4 \quad 5$

The multiplicity of Laplacian eigenvalue two in unicyclic graphs. Linear Algebra and Its Applications, 2014, 445, 18-28.

A Generalization of Hadamard Matrices. Electronic Notes in Discrete Mathematics, 2014, 45, 23-27.

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.

THE REGULAR GRAPH OF A NONCOMMUTATIVE RING. Bulletin of the Australian Mathematical Society,
2014, 89, 132-140.
0.5

10

Zero-Sum Magic Labelings and Null Sets of Regular Graphs. Electronic Journal of Combinatorics, 2014,
21,
0.46

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

[^0]$0.6 \quad 6$

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

91 A Note on Comaximal Graph of Non-commutative Rings. Algebras and Representation Theory, 2013, 16,
303-307.
Minimal prime ideals and cycles in annihilating-ideal graphs. Rocky Mountain Journal of Mathematics,
2013,43,

96 SOME CRITERIA FOR THE FINITENESS OF COZERO-DIVISOR GRAPHS. Journal of Algebra and Its
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.$0.5 \quad 2$
INTERSECTION GRAPH OF SUBMODULES OF A MODULE. Journal of Algebra and Its Applications, 2012, 11,0.426
Some criteria for a graph to be Class 1. Discrete Mathematics, 2012, 312, 2593-2598. ..... 0.7 ..... 10
On the difference between chromatic number and dynamic chromatic number of graphs. DiscreteMathematics, 2012, 312, 2579-2583.
101 On the coloring of the annihilating-ideal graph of a commutative ring. Discrete Mathematics, 2012, 312, 2620-2626.0.7
$0.7 \quad 3$
102 Harmonious coloring of trees with large maximum degree. Discrete Mathematics, 2012, 312, 1633-1637.0.915
103 Chromatic number and clique number of subgraphs ofThe Chromatic Index of a Graph Whose Core has Maximum Degree \$2\$. Electronic Journal of$0.4 \quad 4$Combinatorics, 2012, 19, .
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, 355-364.0.414
110 Zero-Sum Flows in Regular Graphs. Graphs and Combinatorics, 2010, 26, 603-615.
111 A relation between the Laplacian and signless Laplacian eigenvalues of a graph. Journal of Algebraic 0.8 ..... 12
Combinatorics, 2010, 32, 459-464.Characterization of graphs using domination polynomials. European Journal of Combinatorics, 2010,$0.5 \quad 0$
ON THE EXISTENCE OF NOWHERE-ZERO VECTORS FOR LINEAR TRANSFORMATIONS. Bulletin of the
113 Australian Mathematical Society, 2010, 82, 480-487.0.63
114 Commuting Graphs of Group Algebras. Communications in Algebra, 2010, 38, 3532-3538.0.6
115 On Sum of Powers of the Laplacian and Signless Laplacian Eigenvalues of Graphs. Electronic Journal 0.4 ..... 21
116 On the list dynamic coloring of graphs. Discrete Applied Mathematics, 2009, 157, 3005-3007.0.9
List coloring of graph
$2009,309,613-614$.0.73
118 Commutativity of the adjacency matrices of graphs. Discrete Mathematics, 2009, 309, 595-600.0.712
The total graph and
$213,2224-2228$. 0.6 ..... 940.93
120 On graphs whose star sets are (co-)cliques. Linear Algebra and Its Applications, 2009, 430, 504-510.
Edge addition, singular values, and energy of graphs and matrices. Linear Algebra and Its Applications, ..... 0.9 ..... 33
121 2009, 430, 2192-2199.0.924On zero-sum <mml:math xmlns:mml="http:/|www.w3.org/1998/Math/MathML" altimg="sil.gif"
overflow="scroll">[mml:mrow](mml:mrow)[mml:mn](mml:mn)6</mml:mn><|mml:mrow></mml:math>-flows of graphs.Linear Algebra and Its Applications, 2009, 430, 3047-3052.
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, 4020-4031.0.629
Errorless codes for over-loaded synchronous CDMA systems and evaluation of channel capacity ..... 4
129 bounds., 2008, , .
130 Commuting decompositions of complete graphs. Journal of Combinatorial Designs, 2007, 15, 133-142. 0.6$0.9 \quad 27$
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, 3-15.133 Some relations between rank of a graph and its complement. Linear Algebra and Its Applications, 2007,422, 341-347.0.765

134 On zero-divisor graphs of finite rings. Journal of Algebra, 2007, 314, 168-184.Multicolored Parallelisms of Isomorphic Spanning Trees. SIAM Journal on Discrete Mathematics, 2006,|  |  |
| :--- | :--- | 135 Multicolored

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. DiscreteMathematics, 2006, 306, 3078-3082.
0.7 ..... 1
$138\left\{\hat{a}^{\wedge} 1,0,1\right\}$-Basis for the null space of a forest. Linear Algebra and Its Applications, 2006, 414, 506-511. ..... 0.9 ..... 12The kernels of the incidence matrices of graphs revisited. Linear Algebra and Its Applications, 2006, 414,617-625.139Commuting graphs of some subsets in simple rings. Linear Algebra and Its Applications, 2006, 416,0.930
140 1038-1047.
0.9 ..... 59
141 On the diameters of commuting graphs. Linear Algebra and Its Applications, 2006, 418, 161-176.0.779
143 Non-commuting graph of a group. Journal of Algebra, 2006, 298, 468-492. ..... 0.7 ..... 174
153 When a zero-divisor graph is planar or a complete r-partite graph. Journal of Algebra, 2003, 270,169-180.
On the matrices with constant determinant and permanent over roots of unity. Linear Algebra and Its Applications, 2003, 375, 245-249.
On linear transformations preserving at least one eigenvalue. Proceedings of the American
Mathematical Society, 2003, 132, 1621-1625.0.810On the existence of normal maximal subgroups in division rings. Journal of Pure and Applied Algebra,2002, 171, 123-131.
0.6

11 2002, 171, 123-131.
Kr-Free Uniquely Vertex Colorable Graphs with Minimum Possible Edges. Journal of Combinatorial
Theory Series B, 2001, 82, 316-318. 1.0 ..... 6
157Normal subgroups of \$GL_n(D)\$ are not finitely generated. Proceedings of the American Mathematical159 Maximal Subgroups of GL1(D). Journal of Algebra, 1999, 217, 422-433.0.728
160 On Additive Commutator Groups in Division Rings. Resultate Der Mathematik, 1998, 33, 9-21.0.211
161 Uniquely Total Colorable Graphs. Graphs and Combinatorics, 1997, 13, 305-314.0.42


[^0]:    87
    Commutativity Pattern of Finite Non-Abelian<i>p</i>-Groups Determine Their Orders. Communications
    in Algebra, 2013, 41, 451-461.

