

Jianxing Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

240
citations

1162889

8
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996849

15
g-index

26
all docs

26
docs citations

26
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	Criteria for the positive definiteness of real supersymmetric tensors. Journal of Computational and Applied Mathematics, 2014, 255, 1-14.	1.1	79
2	An infinity norm bound for the inverse of Dashnicâ€Zusmanovich type matrices with applications. Linear Algebra and Its Applications, 2019, 565, 99-122.	0.4	26
3	Dashnicâ€Zusmanovich type matrices: A new subclass of nonsingular H-matrices. Linear Algebra and Its Applications, 2018, 552, 277-287.	0.4	19
4	Singular value inclusion sets for rectangular tensors. Linear and Multilinear Algebra, 2018, 66, 1333-1350.	0.5	14
5	A new Z-eigenvalue localization set for tensors. Journal of Inequalities and Applications, 2017, 2017, 85.	0.5	13
6	Two new eigenvalue localization sets for tensors and theirs applications. Open Mathematics, 2017, 15, 1267-1276.	0.5	10
7	E-eigenvalue Localization Sets for Fourth-Order Tensors. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 1685-1707.	0.4	9
8	Eigenvalue bounds of third-order tensors via the minimax eigenvalue of symmetric matrices. Computational and Applied Mathematics, 2020, 39, 1.	1.0	9
9	An S -type upper bound for the largest singular value of nonnegative rectangular tensors. Open Mathematics, 2016, 14, 925-933.	0.5	8
10	The Weighted Arithmetic Meanâ€Geometric Mean Inequality is Equivalent to the HÃ¶lder Inequality. Symmetry, 2018, 10, 380.	1.1	7
11	Two new singular value inclusion sets for rectangular tensors. Linear and Multilinear Algebra, 2019, 67, 2451-2470.	0.5	7
12	Two new lower bounds for the minimum eigenvalue of M-tensors. Journal of Inequalities and Applications, 2016, 2016, .	0.5	6
13	On Schur complements of Dashnicâ€Zusmanovich type matrices. Linear and Multilinear Algebra, 2022, 70, 4071-4096.	0.5	6
14	The Doubly Diagonally Dominant Degree of the Schur Complement of Strictly Doubly Diagonally Dominant Matrices and Its Applications. Bulletin of the Iranian Mathematical Society, 2021, 47, 265-285.	0.4	6
15	A new S-type upper bound for the largest singular value of nonnegative rectangular tensors. Journal of Inequalities and Applications, 2017, 2017, 105.	0.5	4
16	E-eigenvalue inclusion theorems for tensors. Filomat, 2019, 33, 3883-3891.	0.2	4
17	New bounds for the minimum eigenvalue of \mathcal{H} -tensors. Open Mathematics, 2017, 15, 296-303.	0.5	3
18	Eventually DSDD Matrices and Eigenvalue Localization. Symmetry, 2018, 10, 448.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Optimal \mathbb{Z} -Eigenvalue Inclusion Intervals for Even Order Tensors and Their Applications. Acta Applicandae Mathematicae, 2021, 174, 1.	0.5	3
20	An eigenvalue localization set for tensors and its applications. Journal of Inequalities and Applications, 2017, 2017, 59.	0.5	2
21	Some new bounds of the minimum eigenvalue for the Hadamard product of an M-matrix and an inverse M-matrix. Open Mathematics, 2016, 14, 81-88.	0.5	1
22	The disc separation and the eigenvalue distribution of the Schur complement of nonstrictly diagonally dominant matrices. Journal of Inequalities and Applications, 2017, 2017, 68.	0.5	1
23	A new eigenvalue inclusion set for tensors with its applications. Cogent Mathematics, 2017, 4, 1320831.	0.4	0
24	$\langle i \rangle$ -tensors and its applications. Linear and Multilinear Algebra, 2020, 68, 1113-1128.	0.5	0
25	An iterative algorithm based on strong H-tensors for identifying positive definiteness of irreducible homogeneous polynomial forms. Journal of Computational and Applied Mathematics, 2020, 369, 112581.	1.1	0
26	Exclusion sets in Dashnicâ€™Zusmanovich localization sets. Journal of Inequalities and Applications, 2019, 2019, .	0.5	0