

Gilbert Groenewald

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3189290/publications.pdf>

Version: 2024-02-01

17
papers

179
citations

1684188

5
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

56
citing authors

#	ARTICLE	IF	CITATIONS
1	Structured Noncommutative Multidimensional Linear Systems. SIAM Journal on Control and Optimization, 2005, 44, 1474-1528.	2.1	62
2	Conservative Structured Noncommutative Multidimensional Linear Systems. , 2005, , 179-223.		39
3	Bounded Real Lemma for Structured Noncommutative Multidimensional Linear Systems and Robust Control. Multidimensional Systems and Signal Processing, 2006, 17, 119-150.	2.6	31
4	Rank one perturbations of H -positive real matrices. Linear Algebra and Its Applications, 2013, 439, 653-674.	0.9	12
5	Positive real matrices in indefinite inner product spaces and invariant maximal semidefinite subspaces. Linear Algebra and Its Applications, 2007, 424, 346-370.	0.9	6
6	Bounded real lemma and structured singular value versus diagonal scaling: the free noncommutative setting. Multidimensional Systems and Signal Processing, 2016, 27, 217-254.	2.6	6
7	Wienerâ€™Hopf indices of unitary functions on the unit circle in terms of realizations and related results on Toeplitz operators. Indagationes Mathematicae, 2017, 28, 694-710.	0.4	4
8	A Toeplitz-Like Operator with Rational Symbol Having Poles on the Unit Circle III: The Adjoint. Integral Equations and Operator Theory, 2019, 91, 1.	0.8	4
9	A Toeplitz-Like Operator with Rational Matrix Symbol Having Poles on the Unit Circle: Fredholm Properties. Complex Analysis and Operator Theory, 2021, 15, 1.	0.6	3
10	A Toeplitz-like operator with rational symbol having poles on the unit circle I: Fredholm properties. Operator Theory: Advances and Applications, 2018, , 239-268.	0.2	3
11	A Toeplitz-like Operator with Rational Symbol Having Poles on the Unit Circle II: The Spectrum. Operator Theory: Advances and Applications, 2019, , 133-154.	0.2	3
12	A canonical form for H-unitary matrices. Operators and Matrices, 2016, , 739-783.	0.3	3
13	Simple forms and invariant subspaces of H-expansive matrices. Linear Algebra and Its Applications, 2015, 470, 300-340.	0.9	2
14	mth roots of H-selfadjoint matrices. Linear Algebra and Its Applications, 2021, 610, 804-826.	0.9	1
15	The Bezout-Corona Problem Revisited: Wiener Space Setting. Complex Analysis and Operator Theory, 2016, 10, 115-139.	0.6	0
16	An alternative canonical form for quaternionic H-unitary matrices. Linear Algebra and Its Applications, 2021, 623, 282-298.	0.9	0
17	Polar decompositions of quaternion matrices in indefinite inner product spaces. Electronic Journal of Linear Algebra, 0, 37, 659-670.	0.6	0