

Gilbert Groenewald

List of Publications by Year in descending order

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17
papers

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1684188
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citing authors

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