

Shreemayee Bora

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

177
citations

1306789

7
h-index

1125271

13
g-index

16
all docs

16
docs citations

16
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	Locating eigenvalues of quadratic matrix polynomials. <i>Linear Algebra and Its Applications</i> , 2022, , .	0.4	0
2	Approximation of pseudospectra of block triangular matrices. <i>Linear Algebra and Its Applications</i> , 2021, 623, 398-419.	0.4	0
3	Nearest Matrix Polynomials With a Specified Elementary Divisor. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2020, 41, 1505-1527.	0.7	1
4	On the Distance to Singular Descriptor Dynamical Systems With Impulsive Initial Conditions. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 1137-1149.	3.6	1
5	Distance Problems for Hermitian Matrix Pencils with Eigenvalues of Definite Type. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2016, 37, 53-85.	0.7	2
6	Structured Eigenvalue Backward Errors of Matrix Pencils and Polynomials with Palindromic Structures. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2015, 36, 393-416.	0.7	10
7	Structured Eigenvalue Perturbation Theory. , 2015, , 199-222.		1
8	Structured Eigenvalue Backward Errors of Matrix Pencils and Polynomials with Hermitian and Related Structures. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2014, 35, 453-475.	0.7	16
9	Perturbation Theory for Hamiltonian Matrices and the Distance to Bounded-Realness. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2011, 32, 484-514.	0.7	46
10	Characterization and construction of the nearest defective matrix via coalescence of pseudospectral components. <i>Linear Algebra and Its Applications</i> , 2011, 435, 494-513.	0.4	16
11	Structured Eigenvalue Condition Number and Backward Error of a Class of Polynomial Eigenvalue Problems. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2010, 31, 900-917.	0.7	13
12	Linear Perturbation Theory for Structured Matrix Pencils Arising in Control Theory. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2006, 28, 148-169.	0.7	20
13	On sensitivity of eigenvalues and eigendecompositions of matrices. <i>Linear Algebra and Its Applications</i> , 2005, 396, 273-301.	0.4	35
14	On Stable Eigendecompositions of Matrices. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2005, 26, 830-848.	0.7	6
15	Stability of eigenvalues and spectral decompositions under linear perturbation. <i>Linear Algebra and Its Applications</i> , 2003, 364, 189-211.	0.4	5
16	Effect of linear perturbation on spectra of matrices. <i>Linear Algebra and Its Applications</i> , 2003, 368, 329-342.	0.4	5