

# Ratikanta Behera

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

378  
citations

933447

10  
h-index

794594

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

227  
citing authors

#	ARTICLE	IF	CITATIONS
1	Weighted inner inverse for rectangular matrices. <i>Quaestiones Mathematicae</i> , 2022, 45, 11-39.	0.6	1
2	Generalized inverses of Boolean tensors via the Einstein product. <i>Linear and Multilinear Algebra</i> , 2022, 70, 531-556.	1.0	1
3	A family of varying-parameter finite-time zeroing neural networks for solving time-varying Sylvester equation and its application. <i>Journal of Computational and Applied Mathematics</i> , 2022, 403, 113826.	2.0	14
4	Computation of generalized inverses of tensors via $\langle i \rangle t \langle i \rangle$ product. <i>Numerical Linear Algebra With Applications</i> , 2022, 29, e2416.	1.6	10
5	Improved finite-time zeroing neural network for time-varying division. <i>Studies in Applied Mathematics</i> , 2021, 146, 526-549.	2.4	14
6	One-sided weighted outer inverses of tensors. <i>Journal of Computational and Applied Mathematics</i> , 2021, 388, 113293.	2.0	9
7	Computing tensor generalized inverses via specialization and rationalization. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021, 115, 1.	1.2	2
8	Simulation of Varying Parameter Recurrent Neural Network with application to matrix inversion. <i>Mathematics and Computers in Simulation</i> , 2021, 185, 614-628.	4.4	13
9	Reverse-order law for the Moore-Penrose inverses of tensors. <i>Linear and Multilinear Algebra</i> , 2020, 68, 246-264.	1.0	23
10	Core and core-EP inverses of tensors. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	2.2	35
11	Further results on the Drazin inverse of even-order tensors. <i>Numerical Linear Algebra With Applications</i> , 2020, 27, e2317.	1.6	14
12	Weighted Moore-Penrose inverses of arbitrary-order tensors. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	2.2	6
13	Further Results on Weighted Core-EP Inverse of Matrices. <i>Results in Mathematics</i> , 2020, 75, 1.	0.8	15
14	Reverse-order law for core inverse of tensors. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	2.2	6
15	Computation of outer inverses of tensors using the QR decomposition. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	2.2	14
16	An Adaptive Wavelet Collocation Method for Solution of the Convection-Dominated Problem on a Sphere. <i>International Journal of Computational Methods</i> , 2018, 15, 1850080.	1.3	2
17	An adaptive multilevel wavelet framework for scale-selective WENO reconstruction schemes. <i>International Journal for Numerical Methods in Fluids</i> , 2018, 87, 239-269.	1.6	3
18	Theoretical analysis of the second-order synchrosqueezing transform. <i>Applied and Computational Harmonic Analysis</i> , 2018, 45, 379-404.	2.2	130

#	ARTICLE	IF	CITATIONS
19	Approximation of the differential operators on an adaptive spherical geodesic grid using spherical wavelets. <i>Mathematics and Computers in Simulation</i> , 2017, 132, 120-138.	4.4	2
20	Further results on generalized inverses of tensors via the Einstein product. <i>Linear and Multilinear Algebra</i> , 2017, 65, 1662-1682.	1.0	51
21	Multilevel approximation of the gradient operator on an adaptive spherical geodesic grid. <i>Advances in Computational Mathematics</i> , 2015, 41, 663-689.	1.6	2
22	A Dynamic Adaptive Wavelet Method for Solution of the Schrodinger Equation. <i>Journal of Multiscale Modeling</i> , 2015, 06, 1450001.	1.1	2
23	Integration of barotropic vorticity equation over spherical geodesic grid using multilevel adaptive wavelet collocation method. <i>Applied Mathematical Modelling</i> , 2013, 37, 5215-5226.	4.2	5
24	APPROXIMATE SOLUTION OF MODIFIED CAMASSA-HOLM AND DEGASPERIS-PROCESI EQUATIONS USING WAVELET OPTIMIZED FINITE DIFFERENCE METHOD. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2013, 11, 1350019.	1.3	4