

List of Publications

Scopus ID: 57203531972

ORCID: 0000-0003-0067-9298

PUBLISHED

- 2023
7. *A note on numerical ranges of tensors*
Nirmal Chandra Rout, **Krushnachandra Panigrahy**, Debasisha Mishra
Linear and Multilinear Algebra, 71 (2023) 2645-2669. (SCIE, SCOPUS)
DOI: 10.1080/03081087.2022.2117771 (MCQ: 0.88 & IF: 1.1)
 6. *A note on a faster fixed point iterative method*
Krushnachandra Panigrahy, Debasisha Mishra
The Journal of Analysis, 31 (2023) 831-854. (SCOPUS, ESCI)
DOI: 10.1007/s41478-022-00485-z (MCQ: 0.17 & IF: 0.8)
- 2022
5. *On C -tensor and its application to eigenvalue localization*
Krushnachandra Panigrahy, Debasisha Mishra, Juan Manuel Peña
Linear and Multilinear Algebra, 70 (2022) 6279-6296. (SCIE, SCOPUS)
DOI: 10.1080/03081087.2021.1952153 (MCQ: 0.88 & IF: 1.1)
 4. *Extension of Moore–Penrose inverse of tensor via Einstein product*
Krushnachandra Panigrahy, Debasisha Mishra
Linear and Multilinear Algebra, 70 (2022) 750-773. (SCIE, SCOPUS)
DOI:10.1080/03081087.2020.1748848 (MCQ: 0.88 & IF: 1.1)
- 2020
3. *On reverse-order law of tensors and its application to additive results on Moore–Penrose inverse*
Krushnachandra Panigrahy, Debasisha Mishra
Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas. 114 (2020) Article number: 184. (SCIE, SCOPUS)
DOI: 10.1007/s13398-020-00916-1 (MCQ: 0.95 & IF: 2.9)
 2. *Reverse-order law for weighted Moore–Penrose inverse of tensors*
Krushnachandra Panigrahy, Debasisha Mishra
Advances in Operator Theory, 5 (2020) 39-63. (SCOPUS, ESCI)
DOI: 10.1007/s43036-019-00005-0 (MCQ: 0.49 & IF: 0.8)
 1. *Reverse-order law for the Moore–Penrose inverses of tensors*
Krushnachandra Panigrahy, Ratikanta Behera, Debasisha Mishra
Linear and Multilinear Algebra, 68 (2020) 246-264. (SCIE, SCOPUS)
DOI: 10.1080/03081087.2018.1502252 (MCQ: 0.88 & IF: 1.1)

RESEARCH PREPRINTS

1. *Decomposition of Third-Order Symbolic Tensors for Outer Inverse Computation*, with **Biswarup Karmakar**. (**communicated**)
2. *M-QR decomposition and hyperpower iterative methods for computing outer inverses of tensors*, with **Ratikanta Behera, Jajati Keshari Sahoo** and **Yimin Wei**. (**communicated**)
3. *A Higher-order Power Iterative Method for Dominant Eigenvalue of Tensors*, with **Singdhashree Nayak, Debasisha Mishra** and **Nachiketa Mishra**. (**communicated**)

IN PROGRESS

1. Provisional title: Rapid and Powerful Tensor-based Iterative Methods and its Applications (with **Ratikanta Behera**).
2. Provisional title: Spectral properties of the products of hypergraphs (with **Sourabha Kumar Sahu, Dinabandhu Pradhan, Ratikanta Behera**)
3. Provisional title: Semi-tensor product of Einstein product and its application (with **Predrag Stanimirovic, Ratikanta Behera**)