

Profile Page



Name : Dr Ravinder Kumar

Designation : Assistant Professor Grade-i

Department : Mathematics

Qualification : Ph.D. Mathematics (Himachal Pradesh University Shimla)
M.Phil. Mathematics (Himachal Pradesh University Shimla)
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Research Interests :

Matrix Analysis and Inequalities

Other Profile Links :

Google Scholar Link :

Dr Ravinder Kumar [Click Here](#)

Journal Publications :

Year	Journal	Publication
2023	Mathematical Inequalities & Applications (SCI)	R. Kumar V. Bhatia and Harikripal, Some bounds for central moments and spreads of matrices.
2023	Advances in Operator Theory (ESCI/SCOPUS)	R. Kumar and R. Sharma, Some inequalities involving eigenvalues and positive linear maps
2022	Advances in Operator Theory (ESCI/SCOPUS)	R. Kumar and V. Bhatia, Some inequalities related to eigenvalues.
2020	Annals of Functional Analysis (SCI)	R. Sharma, R. Kumar, R. Saini & P. Devi, Inequalities for central moments and spreads of matrices.
2019	Operators and Matrices (SCI)	R. Kumar and R. Sharma, Some inequalities involving positive linear maps under certain conditions.
2018	Bulletin of the Malaysian Mathematical Sciences Society (SCI)	R. Sharma, R. Kumar, R. Saini & G. Kapoor, Bounds on Spreads of Matrices Related to Fourth Central Moment.
2015	Annals of Functional Analysis (SCI)	R. Kumar and R. Sharma, On inequalities involving eigenvalues and traces of Hermitian matrices.
2015	Journal of Combinatorics, Information & System Sciences (ICI)	R. Sharma and R. Kumar, Positive Linear functionals and Gersgorin disks of matrices.

2013	Linear Algebra and its Applications (SCI)	R. Sharma and R. Kumar, Remark on upper bounds for the spread of a matrix.
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Research Projects :

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator
Principal Investigator	Externally Funded	Study of some inequalities involving means, moments and variance with applications	SERB	December 27, 2019	December 27, 2022	2045070	Completed	NIL

Events Organized :

Category	Type	Title	Venue	From	To	Designation
STC	National	Matrix Analysis and its Applications	NIT Jalandhar	23-12-20	27-12-22	Course Coordinator

PhD Supervised :

Scholar Name	Research Topic	Status	Year	Co-Supervisor
Mamta Verma	To be decided	Ongoing	2022	NA
Vidhi Bhatia	A study of some inequalities for eigenvalues and spreads of matrices related to central moments	Ongoing	2020	NA