

Chetna Mehra

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RESEARCH INTERESTS

Frame Theory, Operator Theory

EDUCATION

- AUG, 2019: Pursuing Ph. D., Mathematics, Kumaun University, Nainital.
Thesis Title: Frame Theory and it's applications.
- AUG, 2015: M. Sc., Mathematics, Kumaun University, Nainital.
- AUG, 2013: B. Sc., Kumaun University, Nainital.

MEMBERSHIP

Vijñāna Parishad of India

PUBLICATIONS

1. Narendra Biswas , **Chetna Mehra**, Mahesh C. Joshi, Frames Generated by Double Sequences in Hilbert Spaces, Mathematica Moravica (2023) (Accepted).

SCHOLARSHIP/ AWARDS

- 2018: All India Rank 72 in CSIR NET (JRF)
- 2018: Qualified Uttarakhand State Eligibility Test (USET)

CONFERENCES /WORKSHOPS

- 22-23 DEC, 2022: National Conference of Mathematics and its Applications in Science (NCMAS 2022), Department of Mathematics, Uttarakhand Open University, Haldwani.

"Controlled and Weighted d-frame"

- 16-18 JULY, 2022: International Conference on Recent Advances in Mathematical Sciences with Applications in Engineering and Technology (IC-RA-MSA-ET-2022), School of Computational and Integrative Sciences, JNU, New Delhi.
"On Frames of Operators in 2-Hilbert Spaces"
- 27 JUNE, 2020: International e-conference on Fixed Point Theory and its Applications to Real World Problems-2020, Department of Mathematics, Government Post Graduate College Maldevta, Raipur, Dehradun.
"Frames and Fixed Points"
- 20-22 DEC, 2019: International Conference on Recent Advances in Algebra, Analysis & Applications-2019 (ICRAAAA-2019), Department of Mathematics and Statistics, University College of Science, Mohanlal Sukhadia University, Udaipur (Rajasthan).
"On Banach Frames: A Survey"
- 17-19 DEC, 2019: International Conference on History and Recent Development in Mathematics, with applications in Science and Technology (ICHDMAST-2019), Madhuben & Bhanubhai Patel Institute of Technology, New V. V. Nagar, Gujarat.
"Frame Theory and Its Applications: A Review"