



AMRITANSHU PRASAD

Professor “H” (Mathematics)



The Institute of Mathematical Sciences, Chennai
Constituent Institution of Homi Bhabha National Institute

RESEARCH INTERESTS

- Representation Theory
- Combinatorics

ADDITIONAL INTERESTS

- Higher education in Mathematics
- Mathematics popularization
- Python and Sage in the classroom

PROFESSIONAL RECOGNITION

- Fellow, Indian Acad. Sci. (2019)
- Swarnajayanti Fellowship, DST, (2014-15)
- Young Scientist Medal, Indian National Science Academy (2010)
- Associate, Indian Acad. Sci. (2005).

LINKS

- www.imsc.res.in/~amri
- youtube.com/user/amriprasad
- twitter.com/amriprasad

CONTACT INFORMATION

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EDUCATION

- Ph.D. Mathematics, The University of Chicago, 2001
- M.S. Mathematics, The University of Chicago, 1996.
- B. Stat.(hons.), Indian Statistical Institute, Kolkata, 1995

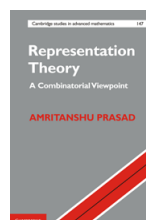
EXPERIENCE

- Faculty member at The Institute of Mathematical Sciences, 2003-Present
- Post doctoral fellow at The University of Montréal, 2001-2003
- Lecturer in the college at The University of Chicago, 1997-2001

PROMINENT RECENT PUBLICATIONS

- Schur algebras for the alternating group and Koszul duality, with T Geetha and Shraddha Srivastava, *Pac. J. Math.*, 306:153-184, 2020.
- Representations of symmetric groups with non-trivial determinant, with Arvind Ayyer and Steven Spallone, *J. Combin. Th. Ser. A*, 150:208–232, 2017.
- Odd partitions in Young’s lattice, with Arvind Ayyer and Steven Spallone, *Sém. Lothar. Combin.*, 75:B75g, 2016.
- Similarity of matrices over local rings of length two, with Pooja Singla and Steven Spallone, *Indiana Univ. Math. J.*, 64:471–514, 2015.

BOOK



Representation Theory: A Combinatorial Viewpoint

Cambridge Studies in Advanced Mathematics, vol. 147, Cambridge University Press, 2015.