
THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE
Superalgebra Theory and Representations Seminar

on Wednesday, Jan 27, 2021 at 18:30

<https://us02web.zoom.us/j/88189258443?pwd=S3JLcElXTUpadktqZ0VLWHNmVXdiQT09>
Volodymyr Mazorchuk Uppsala University

Bigrassmannian permutations and Verma modules

Abstract:

In this talk I will describe how bigrassmannian permutations control the socle of the cokernel of embeddings of Verma modules for \mathfrak{sl}_n . An application of this is a description of the socle of the cokernel of homomorphisms between Verma modules for the periplectic Lie superalgebra. This is based on two joint works: one with Hankyung Ko and Rafael Mrden and another one with Chih-Whi Chen.

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