



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=S3JLcEIXTUpadktqZ0VLWHNmVXdiQT09>

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 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.

<https://us02web.zoom.us/j/88189258443?pwd=S3JLcEIXTUpadktqZ0VLWHNmVXdiQT09>

Meeting ID: [881 8925 8443](#)

Passcode: 40320