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 $\text{sl}_n$. 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.

Meeting ID: 881 8925 8443
Passcode: 40320