Algebra, Combinatorics and Number Theory Seminar

Date. Wednesday, March 13, 2024 - 11am (FC1 007) [1]

Speaker. Oscar Morales - CMUP

Title. Admissible representation of vertex algebras

Abstract.

The simple positive energy representations for an affine vertex algebras associated to higher rank Lie algebras of type A and admissible levels whose top spaces are induced modules of cuspidal representation of type A are extensively studied. Note that all simple weight modules with finite-dimensional weight spaces are classified. However, the general classification of simple admissible weight modules of type A is not know. In this talk, we explain the recent developments in the general open problem.

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[1] https://videoconf-colibri.zoom.us/j/7820604023

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