

CLUSTER ALGEBRAS SEMINAR

Speaker: Camelia Karimianpour
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Date: Monday, February 19, 2018

Time: 4:30 PM

Location: 258 Hurley Hall

Lecture Title:

On the typical representations of covering groups

Abstract

For a p -adic group G and an integer $n > 2$, an n -fold non-linear covering group of G is the central extension of G by the group of the n -roots of unity. We investigate the question of classifying representations of such groups via the representations that occur in their branching rules. In particular, we consider the branching rules for the coverings of SL_2 over a p -adic field. From among the components in the branching rules, we identify the so-called typical representations, which are those pieces who retain the most information on the original representation.