

GL₃ Maass forms and the Kuznetsov trace formula

Min Lee, University of Bristol

Abstract: In this talk, we describe a method to determine whether there exists a genuine Maass forms for $SL(3, \mathbb{Z})$ with Casimir eigenvalues in a small neighborhood of a given pair of numbers, using the Kuznetsov trace formula. This is an ongoing joint project with Andrew Booker.