

1030-11-372

Muthukrishnan Krishnamurthy*, 14 MacLean Hall Department of Mathematics, Iowa City, IA 52242-1419. *On the Fourier coefficients of automorphic forms on $GL(2)$.*

In this talk we will explain to what extent a sparse subset of the Fourier coefficients of a given automorphic form determines the form itself. This follows from using a specific instance of Langlands functoriality. (Received August 07, 2007)