

abstract

JOINT PU/IAS NUMBER THEORY SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

For a general L-function, the bound on its critical line obtained by applying the Phragmen-Lindeloff interpolation method is called the convexity bound. Any bounds with a power saving of the convexitybound are called subconvexity bounds. In this talk we will give the first subconvexity bounds for $GL(3)$ L-functions as well as for $GL(3) \times GL(2)$ L-functions. Our methods also recover the subconvexity bounds for $GL(2)$ L-functions in the eigenvalue aspect.