ICTS Mathematics Seminar

Title   :   Poles of non-cuspidal Eisenstein series

Speaker   :   Devadatta Hegde (Brandeis University, United States)

Date   :   Wednesday, 01 January 2025

Time   :   11:30 AM (IST)

Abstract :   In this talk, we provide evidence that the poles of non-cuspidal Eisenstein series $E_P(s,\varphi)$ in the region $\mathrm{Re}(s) > 0$ are related to the highest weights occurring in the decomposition of the $\mathrm{SL}_2(\mathbb{C})$ representation on $\mathrm{Lie}(\hat{N})$ induced by the corresponding Arthur parameter, by determining the poles of the unramified degenerate Eisenstein series $E_P(s,\varphi = 1)$ using a straightforward global argument.

Venue   :   Emmy Noether Seminar Room
Zoom Link: https://icts-res-in.zoom.us/j/97987460111?pwd=Qg5YRj9mD7kdd6kbg2BfCjJuRGbpCt.1
Meeting ID: 979 8746 0111
Passcode: 010203