TEST8

Contents

We discuss and compare two approaches for estimating a short second moment of L-functions on PGL_2 in the spectral aspect: that of Iwaniec [1], using the approximate functional equation and Kuznetsov formula, and that of [2] using period integrals.

References

[1] Henryk Iwaniec. The spectral growth of automorphic l-functions. *Journal für die reine und angewandte Mathematik*, 428:139–160, 1992.

[2] Paul D. Nelson. Bounds for standard L-functions. *arXiv e-prints*, page arXiv:2109.15230, September 2021.