

1147-11-478

Muthu Krishnamurthy*, 14 MLH, Iowa City, IA 52242, and **Andrew Booker** and **Min Lee**.

Test vector for Rankin-Selberg L -functions.

The non-archimedean local Rankin-Selberg factor associated to a pair of general linear groups is known to be given as a finite sum of local zeta integrals. It is often useful to know, particularly while studying the arithmetic properties of their global counterpart, that such local factors may also be obtained via a single zeta integral. This is in short the problem of finding so-called test vectors. In this talk, we will present a partial result towards this problem. This is joint work with Andrew Booker and Min Lee at Bristol University. (Received January 24, 2019)