

1157-11-529

Muthu Krishnamurthy* (muthu-krishnamurthy@uiowa.edu), 14 MLH, Iowa City, IA 52241,
and **Yeongseong Jo**. *Types, covers and the Langlands-Shahidi method*. Preliminary report.

I will explain a method for computing the local coefficient defined by Shahidi through the theory of types and covers in the representation theory of p-adic groups. I will do this through the example of the self-associate maximal parabolic subgroup of a general linear group, but the method is applicable to other similar situations within the context of the Langlands-Shahidi method. This also provides a way to compare the associated local factors with those defined through the Rankin-Selberg theory. (Received February 04, 2020)