

1096-11-968

Yueke Hu* (yhu@math.wisc.edu). *An observation for the supercuspidal representation of GL_2 and its applications.*

In this talk, we will consider the Kirillov model of a supercuspidal representation of GL_2 . We will see that when the central character of the representation is unramified or level 1, the change of the support of a Schwartz function in the model under the group action can be decided purely by its level. Then we will talk about its application to the study of local integrals for some automorphic integrals, including triple product L-function. (Received September 11, 2013)