

Auguste HÉBERT : *Principal series representations for Kac-Moody groups over local field*

Abstract : Let G be a Kac-Moody group over a non Archimedean local field. Then Bravermann, Kazhdan and Patnaik and Bardy-Panse, Gaussent and Rousseau recently associated a Hecke and an Iwahori-Hecke algebra H to G . We will study representations of H generalizing the principal representation series introduced by Matsumoto in the reductive case and give irreducibility criteria.