

Abstract

Matrices over Finite Fields XVII: The Construction of the Cuspidal Representations

In this talk, we attach a cuspidal representation to every non-decomposable character. To do this, we use that we know how the restriction of a cuspidal representation to the Borel subgroup must look. The only thing that is necessary in addition is to define the representation on the additional generator and to check the relations obtained earlier. This is what we carry out in the talk.