

IPM Workshop on

Representations of Artin Algebras, October 15-18, 2012 , IPM, Tehran, Iran

Representations of Coverings of $SL(2,F)$ when F is a p-adic Field

Camelia Karimian Pour
University of Ottawa, Canada

Iran

Let F be a p-adic field and $G = SL_2(F)$. In this talk, we construct \tilde{G} the n-fold cover of G . Moreover, we look at the principal series representations of \tilde{G} . Time permitting, we talk about their restrictions to a maximal compact subgroup.