

*Department of Mathematics,
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Representation Theory Seminar

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Lifting of characters over metaplectic covers of $SL(n)$ over a p -adic field

Abstract:

We generalize the approach of Adams by obtaining a character formula relating the irreducible characters of $PGL(n)$ with those of certain covers of $SL(n)$. We then study the lifting of functions between covers of $SL(n)$ and $PGL(n)$. We use orbital integrals to obtain a formula for the lifting of characters as a dual to the formula relating the characters. This is based on the approach of Kazhdan and Flicker.

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3:00 PM

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