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Mathematics > Representation Theory

Intertwining of simple characters in GL(n)

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Let F be a non-Archimedean local field and let G be the general linear group $G = \text{\rm GL}_n(F)$. Let θ_1, θ_2 be simple characters in G. We show that θ_1 intertwines with θ_2 if and only if θ_1 is endo-equivalent to θ_2. We also show that any simple character in G is a G-type.

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