
JEFF ADAMS, University of Maryland
Involutions of Representations

The map $\pi \rightarrow \pi^*$ (contragredient) is an involution on the space of representations. If G is a reductive group over a local field, how do you compute this map in terms of L -homomorphisms? The same question can be asked for the map taking π to its “Hermitian dual”; the fixed points of this involution are the representations admitting an invariant Hermitian form. I’ll discuss some answers to these questions.

This is joint work with David Vogan.