

Meeting: 1001, Evanston, Illinois, SS 20A, Special Session on Representation Theory of Reductive Groups

1001-11-314 **Mahdi Asgari*** (asgari@member.ams.org). *Transfer of generic representations from $GSp(4)$ to $GL(4)$.*

I will report on a recent joint work with F. Shahidi involving the transfer of generic representations from degree four similitude symplectic group to the general linear group. There are both local and global aspects to this work. It is based on the Langlands-Shahidi and Converse Theorem methods and is a special case of a more general transfer we proved earlier from general spin groups to general linear groups. We can give more specific information about the transfer in this special case at this point with similar results expected for general spin groups in the near future. (Received August 30, 2004)