

1030-11-279

Freydoon Shahidi* (shahidi@math.purdue.edu). *Some Local Consequences of Functoriality.*

I will determine the reducibility of representations induced from parabolic subgroups of groups whose connected L-groups are classical in terms of functoriality. The results are very satisfying and in some cases only depend on the sizes of Levi factors. I also hope to address some other and more general related problems. (Received August 06, 2007)