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

1001-22-406   **Stephen DeBacker*** (`smdbackr@umich.edu`), Department of Mathematics, University of Michigan, 2074 East Hall, Ann Arbor, MI 48105. *Distinguished, but not even.*
It had been expected that the parameterization of nilpotent orbits in terms of Bruhat-Tits theory should take distinguished orbits to even orbits when the residue field is algebraically closed. However, this is not true. We will discuss an example and related mathematics (including a connection to representation theory!). (Received August 31, 2004)