

1078-20-29

Jason E Fulman* (fulman@usc.edu). *Random walk on irreducible representations of finite groups.*

We study random walks on the set of irreducible representations of a finite group. These are naturally dual to random walks on finite groups, but do not seem to have been systematically studied. In this talk we give some convergence rates results for the symmetric and general linear groups, and indicate the usefulness of these random walks for Stein's method. (Received October 31, 2011)