

Meeting: 1003, Atlanta, Georgia, SS 8A, AMS Special Session on Modular Representation Theory of Finite and Algebraic Groups, I

1003-20-1591 **Corneliu Hoffman*** (hoffman@bgnet.bgsu.edu), Dept of Math and Stat, BGSU, Bowling Green, OH 43402. *Character ratios and probabilistic generation of classical groups*. Preliminary report.

This talk will state some probabilistic generation theorems for finite classical groups and describe applications to estimating character ratios and fixed points ratios for their representations. (Received October 05, 2004)