

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

1003-20-792 **Leonard Chastkofsky*** (lenny@math.uga.edu), Department of Mathematics, University of Georgia, Athens, GA 30606. *Lusztig Polynomials for A_n* . Preliminary report.

Lusztig's conjecture gives a formula for the decomposition of Weyl modules into irreducibles in terms of certain polynomials associated with Hecke algebras. We will discuss a method for explicit computation of these polynomials. (Received September 29, 2004)