1035-11-1651   **Scott Ahlgren*** (`ahlgren@math.uiuc.edu`), Department of Mathematics, University of Illinois, 1409 W. Green St., Urbana, IL 61801. *Irreducibility of Hecke Polynomials.*

We discuss the irreducibility of the characteristic polynomials of the Hecke operators acting on spaces of modular forms for the full modular group, from a theoretical and a computational perspective. (Received September 20, 2007)