

1033-20-235

Wesley J Cramer* (wjc3c@virginia.edu), Department of Mathematics, University of Virginia,
P. O. Box 400137, Charlottesville, VA 22904-4137. *Cyclotomic Specht filtrations and Δ -filtrations.*

In T. Shoji's paper "A Frobenius Formula for the Characters of Ariki-Koike Algebras", he defines (by means of a presentation) a modified Ariki-Koike algebra, \mathcal{H} . In this talk, we will discuss the quasi-hereditary structure of the associated Schur algebra, \mathcal{S} . In particular, we will discuss the relationship between the standard modules of \mathcal{S} and the Specht modules of \mathcal{H} . (Received September 11, 2007)