

1154-16-1808

Lauren Grimley and **Christine Uhl*** (cuhl@sbu.edu). *Truncated Quantum Drinfeld Hecke Algebras and Hochschild Cohomology.*

We consider deformations of quantum exterior algebras extended by finite groups. Among these deformations are a class of algebras which we call truncated quantum Drinfeld Hecke algebras in view of their relation to classical Drinfeld Hecke algebras. We give the necessary and sufficient conditions for which these algebras occur and briefly mention the explicit connection between them and Hochschild cohomology. (Received September 16, 2019)