

1100-16-41

Deepak Naidu* (dnaidu@math.niu.edu). *Twisted quantum Drinfeld Hecke algebras.*

I will discuss twisted quantum Drinfeld Hecke algebras, which generalize Drinfeld Hecke algebras by incorporating quantum parameters and a 2-cocycle on the associated finite group. I will explain how these algebras can be identified as specializations of deformations of twisted skew group algebras, giving an explicit connection to Hochschild cohomology. (Received January 21, 2014)