

Discrete Mathematics Seminar

Time: Friday, 25 September 2015, 2:00-3:00 PM
Room: 237 Derrick Hall
Title: Relationship between color Lie algebras and quantum Drinfeld orbifold algebras
Speaker: Dr. Piyush Shroff, Mathematics Department

Abstract:

In this talk, we examine PBW deformations of finite group extensions of quantum symmetric algebras, in particular the quantum Drinfeld orbifold algebras. In case the acting group is trivial, we determine conditions under which such a PBW deformation is a generalized enveloping algebra of a color Lie algebra.