Queen's Algebraic Geometry
— Seminar —

Universal Central Extensions of Twisted Forms

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Abstract

Central extensions play an important role in infinite dimensional Lie theory. Almost all extended affine Lie algebras can be obtained by central extensions of multiloop Lie tori. From a different point of view, multiloop Lie tori can also be viewed as twisted forms. In this talk, I will construct central extensions of twisted forms and obtain the universal central extensions of multiloop Lie tori.

Monday, September 21, 2009
4:30pm – 5:30pm
319 Jeffery Hall