Seminario de Álgebra No Conmutativa

On the descent cohomology.

por

Bachuki Mesablishvili,

A. Razmadze Mathematical Institute, Tbilisi

Abstract: We introduce the zeroth and the first descent cohomology (pointed) sets for a (co)monad on arbitrary base category with coefficients in (co)algebras over the (co)monad. We relate the first cohomology sets with isomorphisms classes of twisted forms with respect to the (co)free-forgetful adjunction generated by the (co)monad. We moreover prove that these sets are general enough to include the non-abelian descent cohomology for Hopf modules (and hence Serre's non-abelian group cohomology) and the non-abelian Amitsur cohomology.

Día: Viernes, 4 de diciembre de 2015

Hora: 12:00

Lugar: Aula A21, Facultad de Ciencias

Organiza: Grupo de Investigación Álgebra y Teoría de la Información