



Seminar

K-Theory, Quadratic Forms and Number Theory

Title: Computing Borel's Regulator

Speaker: Ruben Sanchez Garcia (Southampton)

Date: Wed 30th March 2011 at 3:00PM

Location: Mathematical Sciences Seminar Room

Abstract: We present an infinite series formula for the Borel regulator evaluated on the odd-dimensional homology of the general linear group of a number field based on Hamida's integral. We also describe a computer algorithm and explain how to construct an input homology class for dimension 3.