



Seminar

K-Theory, Quadratic Forms and Number Theory

Title: Brauer relations

Speaker: Dr. Luca Caputo (UCD)

Date: Wed 14th October 2009 at 3:00PM

Location: Mathematical Sciences Seminar Room

Abstract: Classically, Brauer relations are relations between class numbers, regulators and order of groups of roots of unity of subextensions of a given finite Galois extension of number fields. Those relations fit in fact in a broader context, that of relations between permutation representations. I will introduce the basic elements of this theory, giving concrete examples and applications.