



Seminar

K-Theory, Quadratic Forms and Number Theory

Title: Morita theory for sesquilinear forms

Speaker: Dr. Anne Cortella (Besancon)

Date: Wed 9th January 2008 at 4:00PM

Location: Mathematical Sciences Seminar Room

Abstract: Let A be an algebra and σ an anti-automorphism on A (i.e. such that σ preserves the sum and inverses the order in products). We can then define sesquilinear forms on an A -module (on the right) as usual. We will see a definition of a Morita equivalence between two algebras with anti-automorphism and prove that this gives an equivalence of categories of sesquilinear forms.