



Analysis Seminar

Title: TROs and Morita equivalence

Speaker: R. Timoney

Date: Tue 24th October 2017 at 4:00PM

Location: SCN 125

Abstract: It is possible to recast the theory of Morita equivalence in terms of the elementary theory of Ternary Rings of Operators (TROs). In particular the Morita correspondence between primitive ideals follows by extending irreducible representations from the right C^* -algebra to the linking C^* -algebra. The celebrated Brown-Green-Reiffel theorem characterising Morita equivalence as stable isomorphism in the separable case follows by using a Lemma of Brown to show that separable stable TROs are TRO isomorphic to C^* -algebras.