

Coarse Algebras and the tangent groupoid

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I'll introduce the coarse algebras and the analytic surgery exact sequence of Higson and Roe.

I'll give construction of an other exact sequence of K -groups associated to the tangent groupoid, introduced by Connes.

Then I'll provide an explicit isomorphism of the two exact sequences.

This is motivated by the rich production of papers about higher secondary invariants and the need to create a bridge between two different realizations them, within the coarse and the adiabatic groupoid approach.