

THE TRIANGULATED CATEGORY APPROACH TO GROUPOID EQUIVARIANT KK-THEORY

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The usefulness of viewing KK-theory as a category rather than a functor was recognised quite early on in the subject. Later, Meyer and Nest described a natural triangulated structure on KK-theory and used it to study the Baum-Connes conjecture for groups. I will explain a generalisation of this approach to groupoid equivariant KK-theory and outline its many applications. This talk is based on joint work with Valerio Proietti.