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Groupoid extensions, group bundles and weights

lundi 8 avril 2019 09:00 (50 minutes)

We give a groupoid version of Mackey normal subgroup analysis in a C-*algebraic framework. More precisely, we describe the C*-algebra of a groupoid which is an extension by a group bundle. When the group bundle is abelian, one obtains a twisted groupoid C-*algebra. C*-bundles and the canonical weight of a group bundle play a crucial role in this study. This is joint work with M. Ionescu, A. Kumjian, A. Sims and D. Williams.

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