Operator algebras conference in memory of Étienne Blanchard ID de Contribution: 25 Type: Abstract

K-computability and propagation for operator algebras

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In this lecture, we discuss some strategy to compute the K-theory of operator algebras equipped with a propagation structure.

Prominent examples of such algebras are provided by Roe algebras, group C-algebras and cross-products C-algebras.

The main tools we use to achieve this goal is quantitative K-theory and in this framework, coarse Mayer-Vietoris controlled exact sequences.

Auteur principal: OYONO-OYONO, Hervé (Univ. Lorraine)

Orateur: OYONO-OYONO, Hervé (Univ. Lorraine)