

**Lafforgue, Vincent**

**Bivariant  $K$ -theory for Banach algebras and the Baum-Connes conjecture. ( $K$ -théorie bi-variante pour les algèbres de Banach et conjecture de Baum-Connes.)** (French)

Zbl 1084.19003

Invent. Math. 149, No. 1, 1-95 (2002).

Summary: Cette introduction est composée de trois parties: un exposé historique, l'explication de l'idée principale de l'article et la description des applications à la conjecture de Baum-Connes.

**MSC:**

**19K35** Kasparov theory ( $KK$ -theory)

**46L80**  $K$ -theory and operator algebras (including cyclic theory)

**58J22** Exotic index theories on manifolds

**46M20** Methods of algebraic topology in functional analysis (cohomology, sheaf and bundle theory, etc.)

**46H25** Normed modules and Banach modules, topological modules (if not placed in 13-XX or 16-XX)

Cited in **9** Reviews  
Cited in **79** Documents

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