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„A reformulation of the Baum-Connes conjecture.“

Abstract:

It is well known that the Gromov-Monster groups are counterexamples of the Baum-Connes conjecture with coefficients. The reason that these groups fail the conjecture lies in the fact that the

reduced crossed-product functor for these groups is not exact. In recent work of Baum, Guentner, and Willett the authors propose to replace the reduced crossed-product functor by „the minimal exact crossed-product functor“ which still has some reasonable properties. In the lecture we shall discuss this reformulation of the conjecture together with properties of the minimal exact exotic crossed-product functor.