

## A version of almost finiteness for non-commutative coefficient algebras.

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Almost finiteness is an amenability or Rokhlin approximation type condition for group actions or groupoids which has turned out to be closely connected to  $Z$ -stability for the corresponding crossed product.  $Z$ -stability is one of the central classifiability conditions for nuclear simple separable  $C^*$ -algebras. We explore a version of the notion of almost finiteness for actions of discrete amenable groups on non-commutative algebras leading to similar results, in particular to  $Z$ -stability of the associated crossed product. (joint with J. Bosa, F. Perera and J. Wu)

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