
LUIS SANTIAGO, Fields Institute, 222 College Street, Toronto, ON, M5T 3J1

Classification of non-simple C^ -algebras using the Cuntz semigroup*

We show that non-simple inductive limits of tree algebras are classified by their Cuntz semigroup. More generally, using the Cuntz functor we classified $*$ -homomorphisms—up to approximate unitary equivalence—from inductive limits of tree algebras to a C^* -algebra of stable rank one.