
LEONEL ROBERT, York University, N520 Ross Building, 4700 Keele Street, Toronto, ON, M3J 1P3

Classification of homomorphisms from $C_0(0, 1]$ to a C^ -algebra*

I will describe a class of C^* -algebras for which the homomorphisms from $C_0(0, 1]$ to the algebra can be classified by means of the Cuntz semigroup functor. I will discuss examples (simple and non-simple) of C^* -algebras for which this classification fails, and some ideas of how to deal with them.

This is joint work with Luis Santiago.