
MARIA GRAZIA VIOLA, Lakehead University

Structure of ideals in a spatial L^p AF algebra

Spatial L^p AF algebras were introduced by Phillips and Viola, and shown to be completely classifiable by their scaled preordered K_0 group. In this talk we describe the structure of ideals of a spatial L^p AF algebra. We also show that any spatial L^p AF algebra is residually incompressible and completely residually incompressible. We conclude by discussing some properties of the automorphisms of a spatial L^p AF algebras.