

ELIAS KATSOULIS
East Carolina University

Representations of non-selfadjoint operator algebras

In this talk we will first survey our recent work with Davidson under the title "Primitive limit algebras and C^* -envelopes". We will also present some new developments. We will introduce several notions of semisimplicity and we will review their properties. These notions have applications on the geometry of the unit ball, norms of derivations etc. We will also discuss our joint work with Davidson and Peters entitled "Meet Irreducible Ideals and Representations of Limit Algebras".