

Department of Mathematics, BGU

Operator Algebras and Operator Theory

On Monday, October 31 2022

At 16:00 – 17:00

In 101- (basement)

Apurva Seth (BGU)

will talk about

K-Stability of Continuous $C(X)$ -Algebras.

Abstract: A C^* -algebra is said to be K -stable if its nonstable K -groups are naturally isomorphic to the usual K -theory groups. In this talk, we shall study continuous $C(X)$ -algebras, each of whose fibers are K -stable. We will show that such an algebra is itself K -stable under the assumption that the underlying space X is compact, metrizable, and of finite covering dimension.