

*The 5th Workshop on
Operator Algebras and its Application, February 5-8, 2018
School of Mathematics, IPM, Tehran*

An Equivariant Choi-Effros Lifting Theorem and Applications

Marzieh Forough

IPM

Iran

Let X be a compact metrizable space, G second countable, locally compact Hausdorff group and let (\mathcal{D}, δ) be a strongly self-absorbing G - C^* -algebra. In this talk, we discuss the unital separable G - C^* -algebras such that each fiber is G -isomorphic to (\mathcal{D}, δ) . For this, we explain an equivariant version of Choi-Effros lifting theorem as an essential tool in obtaining our results on G - C^* -algebras.

This is a joint work with Eusebio Gardella and Klaus Thomsen.