

CLASSIFICATION OF CONTRACTIBLE SPACES BY C^* -ALGEBRAS AND THEIR K-THEORY

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ABSTRACT. We consider contractible spaces and the corresponding C^* -algebras to show that contractible spaces are classifiable or not (up to homeomorphisms) by the C^* -algebras and their K-theory.

Key words and phrases. Contractible space, jointed sum, C^* -algebra, K-theory.