The slice property and equalizers of diagrams of C*-algebras.

Abstract

Let $A$ and $B$ be two $C^*$-algebras. For any $C^*$-subalgebra $D$ of $B$ which is equalizer defined by $*$-homomorphism $\phi_1, \phi_2 : B \to C$ where $C$ is an other $C^*$-algebra. $(A, D, B)$ has the slice property if and only if the tensor product spatial $A \otimes D$ is an equalizer defined by the canonical $*$-homomorphism $id_A \otimes \phi_1$ and $id_A \otimes \phi_2$.

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