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Notes on Villadsen algebras

Using Villadsen construction, we construct an idempotent C*-algebra under the tensor product. This idempotent algebra is not strongly self-absorbing in the sense defined by Toms and Winter. However, the algebra we constructed does have the homotopic flip property. Some other properties of these idempotent Villadsen algebras will also be presented. This is joint work with Dan Kucerovsky from UNB.