



FINITE-DIMENSIONAL HILBERT C^* -MODULES

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ABSTRACT. In this paper we obtain a characterization of finite-dimensional Hilbert C^* -modules. It is known that those are the modules for which both underlying C^* -algebras are finite-dimensional. We show that such modules can be described by a certain property of bounded sequences of their elements. It turns out that similar property leads to another characterization of Hilbert C^* -modules over C^* -algebras of compact operators.

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