



Math for the people, by the people.

quotients in C^* -algebras

Canonical name	QuotientsInCAlgebras
Date of creation	2013-03-22 17:41:39
Last modified on	2013-03-22 17:41:39
Owner	asteroid (17536)
Last modified by	asteroid (17536)
Numerical id	5
Author	asteroid (17536)
Entry type	Theorem
Classification	msc 46L05
Related topic	NuclearCAlgebra

Theorem - Let \mathcal{A} be a http://planetmath.org/CAgebraC*-algebra and $\mathcal{I} \subseteq \mathcal{A}$ a <http://planetmath.org/ClosedSetclosed> ideal. Then the <http://planetmath.org/InvolutaryRinginvolution> in \mathcal{A} induces a well-defined involution in \mathcal{A}/\mathcal{I} and \mathcal{A}/\mathcal{I} is a C^* -algebra with this involution and the quotient norm.