

Representations of simple C^* -algebras

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In 1961 Glimm proved a deep dichotomy theorem on irreducible representations of separable, simple, C^* -algebras. Some parts of this theorem have been extended to not necessarily separable case by Sakai and others. I will discuss the possibility of extending full Glimm's theorem to all C^* -algebras. This is a joint work with Daniel Calderón.