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A few remarks on relative ergodic properties of C^* -dynamical systems (Conference Paper)Duvenhage, R.^a, Mukhamedov, F.^b^a Department of Physics, University of Pretoria, Pretoria, South Africa^b Department of Computational and Theoretical Sciences, Faculty of Science International Islamic University Malaysia, P.O. Box 141, Kuantan, Pahang, Malaysia

Abstract

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We study various **ergodic properties of C^* -dynamical systems** inspired by unique ergodicity. In particular we work in a framework allowing for **ergodic properties defined relative to various subspaces, and in terms of weighted means.** © 2015 AIP Publishing LLC.

Author keywords

 C^* -dynamical systems; Higher order mixing; Joinings; Semigroup actions; Unique ergodicity; Unique weak mixing; Weighted means

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