

Idempotents and Krein space

Matvejchuk M.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Let $B(H)_{\text{Id}}$ be the set of all bounded idempotents on a Hilbert space H . Fix $p \in B(H)_{\text{Id}}$. The aim of the paper is to show a set of symmetries J on H for which p is a J -projection. © 2011 Pleiades Publishing, Ltd.

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Keywords

Hilbert space, idempotent, Indefinite metric space, projection