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SOME RESULTS ON 2- INNER PRODUCT SPACES

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Abstract

In this paper Projection Theorem in 2-Hilbert Space is given by providing a lemma. Also a necessary and sufficient condition for a point in a convex subset to be a projection of an element of a 2- inner product space is established.

Key Words : *2-inner product space, 2-Hilbert space, Cauchy sequence, Projection, Convex set.*

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