

## UNIQUENESS OF HAHN-BANACH EXTENSION THEOREM IN GENERALIZED 2-NORMED SPACE

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### Abstract

In this paper we investigate on the uniqueness of Hahn-Banach theorem in generalized 2-normed space and conditions for the existence of a bounded bilinear functional on  $X \times X$  which vanishes on a subspace of  $X \times X$ .

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Key Words : *Generalized 2-normed space, Bounded bilinear operator, Hahn-Banach extension theorem.*

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