

A NON-UNITAL ALGEBRA HAS UUNP IFF ITS UNITIZATION HAS UUNP

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Received January 16, 2016

Abstract

Let *A* be a non-unital Banach algebra, S. J. Bhatt and H. V. Dedania showed that *A* has the unique uniform norm property (UUNP) if and only if its unitization has UUNP. Here we prove this result for any non-unital algebra.

Keywords and phrases: unitization, unique uniform norm property, regular norm.

ISSN: 2230-9829

Pioneer Journal of Mathematics and Mathematical Sciences



Pioneer Scientific Publisher