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

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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.