



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

M. El Azhari

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.

