



Jeronimo ALAMINOS (alaminos@ugr.es), Department of Mathematical Analysis, University of Granada 18071 Granada, Spain. *Norm attaining bilinear forms on C^* -algebras.*

ABSTRACT. We give a sufficient condition on a C^* -algebra to ensure that every weakly compact operator into an arbitrary Banach space can be approximated by norm attaining operators. As a consequence we obtain the denseness of norm attaining bilinear forms on the set of all bounded bilinear forms on that C^* -algebras. Among others, the class of finite type I von Neumann algebras satisfies the condition.