

## **SOME FIXED POINT THEOREMS FOR $R$ -WEAKLY COMMUTING SELFMAPS IN FUZZY METRIC SPACE**

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### **Abstract**

The aim of the present paper is to extend the study of non compatible maps in fuzzy metric space by using the notion of  $R$ -weak commutativity of type (Ag) in fuzzy metric space. Simultaneously, we provide an answer in fuzzy metric space, perhaps maiden, to the problem of Rhoades ([18]). We also constructed few results on recently introduced concept of Property (E.A) by Aamri and Moutawakil [1].