On some Common Fixed Point Theorems in Uniform Spaces

Alfred Olufemi Bosede

Abstract

In this paper, we establish some common fixed point theorems in uniform spaces by using a more general contractive condition than those of Aamri and El Moutawakil [1]. Our results not only improve a multitude of common fixed point results in literature but also generalize some of the results of Aamri and El Moutawakil [1].

2000 Mathematics Subject Classification: 47H10, 54H25.
Key words and phrases: Uniform space, $A-$distance, $E-$distance, $\varphi$-contractions.

References


Received 13 August, 2009
Accepted for publication (in revised form) 25 May, 2011


**Alfred Olufemi Bosede**  
Lagos State University  
Department of Mathematics  
Ojo, Lagos State, Nigeria  
e-mail: aolubosede@yahoo.co.uk