Abstract

K. Menger introduced in [5] the notion of probabilistic metric space. Later, in [4], Kramosil and Michalek extended this spaces and referred to them as KM-fuzzy metric spaces. Finally, in 1994 [1], George and Veeramani modified this last concept and introduced GV-fuzzy metric spaces. The objective is to show the properties of fuzzy metric spaces in the sense of George and Veeramani and study the similarities with metric spaces [3]. As a conclusion, we also show a difference between these two kinds of spaces, that is completability [2].

Keywords: Fuzzy metric space, Completability


