

On a theorem of Brian Fisher in the framework of w-distance

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In 1980, Fisher proved very interesting fixed point result for the pair of maps. In 1996, Kada, Suzuki and Takahashi introduced and studied the concept of w-distance in fixed point theory. In this lecture, we generalize Fisher's result for pair of mappings on metric space to complete metric space with w-distance. The obtained results do not require the continuity of maps, but more relaxing condition (C;k). As a corollary we obtain a result of Chatterjea.