

FIXED POINT THEOREMS CONTAINING RATIONAL TERMS IN FUZZY METRIC SPACES

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Abstract

The present paper deals with establishing a common fixed point theorem in two fuzzy metric spaces. Our result fuzzify fixed point theorem on metric spaces. We also prove a fixed point theorem using a rational inequality which is a partial generalization of [24] in fuzzy 2-metric spaces is akin to 2-metric spaces introduced by Gahler [7].

Key Words : *Fuzzy metric space, Fuzzy 2-metric space, t-norm, Common fixed points.*

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