

COMMON FIXED POINT THEOREMS FOR FOUR MAPPINGS DEFINED ON \mathcal{L} -FUZZY METRIC SPACES WITH NONLINEAR CONTRACTIVE TYPE CONDITION

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Abstract. This paper presents a common fixed point theorem for four mappings defined on \mathcal{L} -fuzzy metric spaces. Some comments and examples are given.

Key Words and Phrases: \mathcal{L} -fuzzy metric spaces, common fixed point, compatible mappings, nonlinear contractive conditions.

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