Miheţ, Dorel

A Banach contraction theorem in fuzzy metric spaces. (English) Zbl 1052.54010

Fuzzy Sets Syst. 144, No. 3, 431-439 (2004).

The author, drawing inspiration from a paper of *R. Vasuki* and *P. Veeramani* [Fuzzy Sets Syst. 135, No. 3, 415–417 (2003; Zbl 1029.54012)], establishes a fuzzy fixed point theorem of Banach type in M-complete fuzzy metric spaces.

Reviewer: Salvatore Sessa (Napoli)

MSC:

54A40 Fuzzy topology
54E70 Probabilistic metric spaces
54H25 Fixed-point and coincidence theorems (topological aspects)

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Complete fuzzy metric space; Menger space; Probabilistic contraction

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