FIXED POINT THEOREMS FOR VARIOUS TYPES OF F-CONTRACTIONS IN COMPLETE b-METRIC SPACES

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Abstract. We generalize various types of F-contractions defined by Wardowski, Vetro and others to b-metric spaces and prove fixed point theorems for them. The examples given show that these generalizations extend the existing results in a significant way.

Key Words and Phrases: F-contractions, b-metric spaces, fixed point theorems.

2010 Mathematics Subject Classification: 47H09, 47H10, 54E50, 54H25.

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