

MEIR-KEELER S TYPE CONTRACTIONS AND CONTRACTIONS WITH F CONTROL FUNCTIONS ON S -METRIC SPACES

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Abstract. In this paper, some fixed point results under the Meir-Keeler S type contraction conditions on S -metric spaces and some fixed point theorems with F control functions on S -metric spaces are proved. Moreover, the relationships among G -metric and S -metric are investigated and an example of discontinuity at a fixed point is given.

Key Words and Phrases: G -metric, S -metric, Meir-Keeler contraction, F control function, fixed point.

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