

COMMON FIXED POINT THEOREMS ON COMPLEX VALUED \mathcal{S} -METRIC SPACES USING A CONTROL FUNCTION

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ABSTRACT. In this paper, we prove some common fixed point theorems for mappings satisfying contractive conditions involving rational terms and using control functions in the setting of complex valued \mathcal{S} -metric spaces. The established results extend and generalize several results from the existing literature.

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