



SOME COMMON FIXED POINT THEOREMS IN COMPLEX VALUED b -METRIC SPACES

Siqi Xie, Mingliang Sun, Yamin Wang and Linan Zhong

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Abstract

In this paper, the existence of common fixed points is established for two contractive mappings on the complex valued b -metric spaces. Our results unify, generalize and complement several well-known results from current literature. Also, we prove Geraghty type theorems in the setting of complex valued b -metric spaces. Some examples are given to support our results.

Keywords and phrases: complex valued b -metric spaces, contractive mappings, Geraghty type condition, common fixed point, b -Cauchy sequence.

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