

# Fixed Point Theorems on Complex Partial $b_2$ – Metric Space

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In this paper, obtain a unique fixed point theorems on complex partial  $b_2$ -metric space which is generalized results of . Also an example is to be demonstrate our results.

In many branches of science, economics, computer science, engineering and the development of nonlinear analysis, the fixed point theory is one of the most important tool. In 1989, Backhtin introduced the concept of b-metric space, In 1993, Czerwik extended the results of b-metric spaces. Azam et al. introduced new spaces called complex valued metric spaces and established the existence of fixed point theorems under the contraction condition. Rao et al. introduced the complex valued b-metric space which was more general than the well known complex valued metric space Dhivya and Marudai. introduced new spaces called complex partial metric space and established the existence of common fixed point theorems.