عنوان مقاله:

Fixed points for Chatterjea contractions on a metric space with a graph

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خلاصه مقاله:

In this work, we formulate Chatterjea contractions using graphs in metric spaces endowed with a graph and investigate the existence of fixed points for such mappings under two different hypotheses. We also discuss the uniqueness of the fixed point. The given result is a generalization of Chatterjea's fixed point theorem from metric spaces to metric spaces endowed with a graph.

کلمات کلیدی:

G-Chatterjea mapping, Fixed point, orbitally G-continuous mapping

لینک ثابت مقاله در پایگاه سیویلیکا:

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