STRONG FIXED POINT RESULTS FOR MULTIVALUED CONTRACTIONS ON GAUGE SPACES

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Abstract. The purpose of this article is to present some strict fixed point results for multivalued $\delta_v$-contractions on complete gauge space. Our theorems generalize and extend some recent results in the literature.

Key Words and Phrases: gauge space, multivalued operator, fixed point, strict fixed point, data dependence, well-posedness of a fixed point problem.

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