

Fixed point theorems for multivalued contractions in Kasahara spaces

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ABSTRACT.

In this paper we present some fixed point results for multivalued α -contractions. Our results are obtained in a more general setting, the so called Kasahara space. Some of them are generalizations of Maia's type fixed point result for multivalued α -contractions. As application, a fixed point theorem for integral inclusions is given.

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Received: 15.08.2013; In revised form: 28.04.2014; Accepted: 30.04.2014

2010 Mathematics Subject Classification. 47H10, 54H25.

Key words and phrases. *Kasahara space, multivalued α -contraction, fixed point, Pompeiu-Hausdorff functional, multivalued weakly Picard operator, sequence of successive approximations, Fredholm-type integral inclusion.*