

WARDOWSKI-FENG-LIU TYPE FIXED POINT THEOREMS FOR MULTIVALUED MAPPINGS

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Abstract. In this work, we present some Wardowski-Feng-Liu type fixed point theorems for multivalued mappings in complete (ordered) metric spaces. The obtained results generalize and improve several existing theorems in the literature. The given notions and outcome are illustrated by an appropriate example. An application to existence of solutions for Fredholm-type integral inclusions is presented.

Key Words and Phrases: F -contraction, Fixed point of a multivalued mapping, Fredholm integral inclusion.

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