

INTEGRAL INCLUSIONS THROUGH METRICAL FIXED POINT
THEOREMS FOR φ -CONTRACTIONS

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Abstract. The aim of this paper is to present existence results for integral inclusions of Fredholm and Volterra type by using some fixed point theorems for multivalued operator in complete metric space. Our results extend and complement some theorems given by Petruşel in [5], [6] and Biles, Robinson and Spraker in [3].

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Key words. multivalued operator, φ -contraction, integral inclusion, selection.

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