ON INTEGRO-DIFFERENTIAL EQUATIONS VIA MEIR-KEELER CONDENSING OPERATORS AND THE MEASURE OF NONCOMPACTNESS[*]

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Abstract

This paper discusses the existence of solution for integro-differential equations via resolvent operators in Banach space. Our approach is based on a new fixed point theorem with respect to Meir-Keeler condensing operators. An example is given to show the application of our result.

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