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EXISTENCE RESULTS FOR NON–INSTANTANEOUS IMPULSIVE FRACTIONAL FUNCTIONAL DIFFERENTIAL EQUATION WITH INFINITE DELAY

JAYANTA BORAH* AND SWAROOP NANDAN BORA

Abstract. In this article, we investigate the existence of mild solution of a class of impulsive fractional functional differential equations with infinite delay in a Banach space. By employing fractional calculus and fixed point theorems, the results are obtained under the assumption that the linear part of the equations generates a compact analytic semigroup.

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