SOME STABILITY CONCEPTS FOR ABSTRACT FRACTIONAL DIFFERENTIAL EQUATIONS WITH NOT INSTANTANEOUS IMPULSES

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Abstract. In this paper, we investigate some uniqueness and Ulam’s type stability concepts for functional abstract fractional differential equations with not instantaneous impulses in Banach spaces.

Key Words and Phrases: abstract fractional differential equation, mild solution, impulse, Ulam-Hyers-Rassias stability, fixed point theorems.

2010 Mathematics Subject Classification: 26A33, 34A37, 34D10, 47H10.

Acknowledgement. The third author’s work was supported by National Natural Science Foundation of P.R. China (11271309), the Specialized Research Fund for the Doctoral Program of Higher Education (2014301110001) and Hunan Provincial Natural Science Foundation of China (12JJ2001).

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Received: April 24, 2014; Accepted: July 17, 2014.