

Asymptotic Attractivity Result for Neutral Functional Differential Equation

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ABSTRACT

In this paper an existence result for local asymptotic attractivity of the solutions is proved for a nonlinear neutral functional differential equation in Banach space under the mixed generalized Lipchitz's and caratheodory conditions which gives the existence as well as asymptotic stability of solutions.

Keywords: Neutral functional differential equation, fixed point theorem, asymptotic attractive solutions mixed generalized Lipchitz's

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