On the Numerical Rates of Convergence for a Class of Integro-Differential Equations of Neutral Type 蔣世中 Applied Mathematics Engineering chiang@chu.edu.tw

Abstract

we established a full-discrete scheme and concluded that the numerical rates of convergence depend not only on the singularity of the integrodifferential equation but also on the smoothness of the forcing term.

Keyword : nonuniform mesh rates of convergence