



Volume 10, Issue 4, Article 108

Volterra Integral and Integrodifferential Equations in Two Variables

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Keywords: Volterra integral and integrodifferential equations, Banach fixed point theorem, Bielecki type norm, integral inequalities, existence and uniqueness, estimates on the solutions, approximate solutions.

Date Received: 15/06/2009

Date Accepted: 19/11/2009

Subject Codes: 34K10, 35R10.

Editors: [Wing-Sum Cheung](#),

Abstract: The aim of this paper is to study the existence, uniqueness and other properties of solutions of certain Volterra integral and integrodifferential equations in two variables. The tools employed in the analysis are based on the applications of the Banach fixed point theorem coupled with Bielecki type norm and certain integral inequalities with explicit estimates.



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