

EXISTENCE OF SOLUTIONS FOR NONLINEAR MIXED TYPE INTEGRODIFFERENTIAL EQUATION OF SECOND ORDER

H. L. Tidke and M. B. Dhakne

Abstract. In this paper, we investigate the existence of solutions for nonlinear mixed Volterra-Fredholm integrodifferential equation of second order with nonlocal conditions in Banach spaces. Our analysis is based on Leray-Schauder alternative, rely on a priori bounds of solutions and the inequality established by B. G. Pachpatte.

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Haribhau Laxman Tidke

Department of Mathematics,
North Maharashtra University,
Jalgaon-425 001, India.

e-mail: tharibhau@gmail.com

M. B. Dhakne

Department of Mathematics,
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad-431004, India.

e-mail: mbdhakne@yahoo.com

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