

**EXISTENCE OF NON-OSCILLATORY SOLUTIONS OF SECOND
ORDER NONLINEAR NEUTRAL DELAY DIFFERENCE
EQUATIONS WITH FORCING TERM**

**S. LOURDU MARIAN, M. PAUL LOGANATHAN AND A. GEORGE MARIA
SELVAM**

Abstract

In this paper, we study nonoscillation of second order nonlinear neutral delay difference equations with forcing term. By using Banach's contraction mapping principle, some sufficient conditions are established for the existence of nonoscillatory solutions.

Key Words : *Difference equations, Forced, Neutral, Fixed point, Nonoscillation, Positive, Non-linear, Second order.*

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