



TEDU MATH SEMINARS

Positive Solutions of Nonlinear Second-Order Impulsive Boundary Value Problems on Time Scales

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Abstract:

In this study we examine the existence of positive solutions of second-order impulsive boundary value problem with integral boundary conditions on time scales. Existence results of at least three positive solutions are established via a new fixed point theorem in a cone. Moreover, an example that supports the theoretical results is provided.

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