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
Second-Order Nonlinear Three Point Boundary-Value Problems on Time Scales

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Abstract: We consider a second order three point boundary value problem for dynamic equations on time scales and establish criteria for the existence of at least two positive solutions of an eigenvalue problem by an application of a fixed point theorem in cones. Existence result for non-eigenvalue problem is also given by the monotone method.

Key Words: Dynamic equations, cone, positive solutions, upper and lower solutions



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