

EXISTENCE OF SOLUTIONS OF BOUNDARY VALUE PROBLEMS FOR A NONLINEAR THIRD-ORDER IMPULSIVE DYNAMIC SYSTEM ON TIME SCALES

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Abstract. In this paper, a nonlinear third-order impulsive dynamic system with boundary value conditions is studied on time scales. Some sufficient conditions for the existence of solutions are obtained by Schauder's fixed point theorem.

Mathematics subject classification (2010): 34B37, 34N05.

Keywords and phrases: existence of solutions, third-order impulsive system, boundary value conditions, time scales, Schauder's theorem.

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