

Impulsive Boundary Value Problems: A Variational Approach

Ma To Fu

Universidade de São Paulo, Brazil

Abstract. Recently J. J. Nieto and D. O'Regan [Nonlinear Analysis: Real World Applications 10 (2009) 680-690] presented a new approach to study impulsive second order boundary value problems based on variational methods and critical point theorems. We apply this new method to study some boundary value problems with nonlinear boundary conditions.