

1051-39-130

Lynn H Erbe* (1erbe2@math.unl.edu), Department of Mathematics, University of Nebraska, Lincoln, NE 68588, and **Allan C Peterson** and **Baoguo Jia**. *Kiguradze-Belohorec type oscillation criteria for nonlinear second order dynamic equations.*

We consider extensions of the well-known Kiguradze and Belohorec oscillation criteria for second order superlinear and sub-linear dynamic equations on time scales. Some examples and comparison with previous results are also presented. (Received August 21, 2009)