1046-39-805

Allan C. Peterson*, Math. Department, University of Nebraska-Lincoln, Lincoln, NE 685880130, Lincoln, NE 685880130, Lynn H. Erbe (lerbe2@math.unl.edu), Lincoln, NE 685880130, and Baoguo Jia, Lincoln, NE 685880130. Oscillation of sublinear Emden-Fowler dynamic equations on time scales.

We give an oscillation criteria for a second order Emden–Fowler dynamic equation. As a special case we get a very delicate result for a second order Emden–Fowler difference equation. (Received September 11, 2008)