| Year: 2018 | Vol.: 93 | Fasc.: 3-4

Title: Oscillation of even-order advanced functional differential equations

Author(s): John R. Graef, Said R. Grace and Ercan Tunc

This paper is concerned with the oscillatory behavior of solutions of n-th-order nonlinear differential equations with advanced arguments. New sufficient conditions for the oscillation of all solutions are given that essentially improve all previously known results. An example is provided to illustrate the theorems.

Address:

John R. Graef Department of Mathematics University of Tennessee at Chattanooga Chattanooga, TN 37403 USA

Address:

Said R. Grace
Department of Engineering Mathematics
Faculty of Engineering
Cairo University
Orman, Giza 12221
Egypt

Address:

Ercan Tunç Department of Mathematics Faculty of Arts and Sciences Gaziosmanpasa University 60240, Tokat Turkey