Allan C Peterson* (apeterso@math.unl.edu), Math Dept, Lincoln, NE 685880130, and Lynn Erbe and C C Tisdell. Basic uniqueness and approximation results for positive solutions to nonlinear dynamic equations on time scales.

We will be interested in giving results concerning finding a solution of a terminal boundary value problem for a dynamic equation on a time scale. Our methods of proof will be to use fixed point theorems for a Banach space where the norm on the Banach space is a suitable chosen norm. Several examples will be given. (Received September 18, 2007)