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Eric R Kaufmann and **Youssef Naim Raffoul*** (youssef.raffoul@notes.udayton.edu),
Department of Mathematics, University of Dayton, Dayton, OH 45469-2316. *Positive Solutions for
a Nonlinear Functional Dynamic Equation on a Time Scale.*

In this paper we obtain sufficient conditions for the existence of positive solutions to a nonlocal eigenvalue problem for a class of nonlinear functional dynamic equations on a time scale. We employ a cone theoretic fixed-point theorem to establish our results. (Received August 10, 2005)