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Elvan Bohner (akine@umr.edu), Rolla, MO 65409-0, and **Youssef Naim Raffoul***
(youssef.raffoul@notes.udayton.edu), Dayton, OH 45469-2316. *Boundedness in Functional
Dynamic Equations On Time Scales.*

Using non-negative definite Lyapunov functionals, we prove general theorems for the boundedness of all solutions of a functional dynamic equation on time scales. We apply our obtained results to linear and nonlinear Volterra integro-dynamic equations on time scales, by displaying suitable Lyapunov functionals. (Received September 14, 2006)