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**Youssef Naim Raffoul\*** (yraffoul1@udayton.edu), University of Dayton, Department of Mathematics, 300 College Park, Dayton, OH 5469-2316. *Existence Of Bounded Solutions For Almost Linear Volterra Difference Equations Using Fixed Point Theory and Lyapunov Functionals*. Preliminary report.

We obtain sufficient conditions for the boundedness of solutions of the almost linear Volterra difference equation using Krasnoselskii's fixed point theorem. Also, we will display a Lyapunov functional that yield boundedness of solution and compare both methods. (Received August 25, 2015)