1113-45-182   **M N Islam*** (`mislam1@udayton.edu`), M. N. Islam, Department of Mathematics, University of Dayton, Dayton, OH 45469-2316. *Asymptotically Periodic Solutions of Volterra Integral Equations.* Preliminary report.

Abstract. Existence of asymptotically periodic solutions of a nonlinear Volterra integral equation is studied in this paper. In the process, the existence of periodic solutions of an associated nonlinear integral equation with infinite delay is obtained. Schauder's fixed point theorem has been used in the analysis. (Received August 21, 2015)