Meeting: 1006, Lubbock, Texas, SS 10A, Special Session on Extinction, Periodicity, and Chaos in Population and Epidemic Models

1006-39-134 **V. L. Kocic*** (`vkocic@xula.edu`), Department of Mathematics, Xavier University of Louisiana, New Orleans, LA 70125. *Periodicity and Global Asimptotic Behavior of Some Nonautonomous Discrete Population Models.*

The global asymptotic behavior of certain classes of nonautonomous difference equations, including discrete Beverton-Holt model with and without delay are studied. In addition, the results about the existence and global attractivity of periodic orbits are obtained. (Received February 11, 2005)