

1062-39-58

**N. Josephy**, Waltham, MA 02452, **M. Predescu\*** (mpredescu@bentley.edu), Bentley University, Department of Mathematical Sciences, 353 MOR, Waltham, MA 02452, and **S. Woolford**, Waltham, MA 02452. *On the dynamics of a nonlinear system of difference equations.*

This talk deals with the analysis of solutions of a nonlinear system of difference equations. The system is a two stage discrete population model which includes nonlinearities of rational and exponential type. We investigate the global asymptotic behavior of solutions. (Received July 21, 2010)