

1023-39-1704

**Saber N Elaydi\*** ([selaydi@trinity.edu](mailto:selaydi@trinity.edu)), One Trinity Place, Trinity University, Department of Mathematics, San Antonio, TX 78212. *Attractors in nonautonomous systems and Applications to population models*. Preliminary report.

In this talk we develop general results concerning attractors and their topological structure in nonautonomous difference equations. Applications to population models such as the periodically and almost periodically-forced Beverton-Holt equations will be given. Several open problems and conjectures will be discussed at the end of the talk (Received September 26, 2006)