

1035-60-698

Unal Ufuktepe* (unal.ufuktepe@ieu.edu.tr), Izmir University of Economics, Department of Mathematics, Sakarya Cad. No:156 Balçova, 35330 Izmir, Turkey. *Possible biological applications of Time Scales*. Preliminary report.

Dynamic equations on Time Scales (any closed subset of real numbers) has been created in order to unify the differential and difference equations by Stefan Hilger (1988). Since mathematical models of biological processes and systems are expressed in terms of difference or differential equations we consider possible biological applications on Time Scales.

Math Subject Classification: 28,34,37,39,60. (Received September 13, 2007)