1086-39-395

Zhivko S. Athanassov^{*} (zhivko@math.bas.bg), Institute of Mathematics, Bulgarian Academy of Sciences, G. Bonchev Str. 8, 1113 Sofia, Bulgaria. *Recurrent Solutions to Systems of Difference Equations*. Preliminary report.

In this talk, we consider the existence and the properties of Birkhoff-recurrent solutions of nonlinear systems of nonautonomous difference equations. We employ results of the classical theory of discrete dynamical systems. (Received August 29, 2012)