

**Meeting:** 1003, Atlanta, Georgia, SS 26A, AMS-SIAM Special Session on Dynamic Equations on Time Scales; Integer Sequences and Rational Maps, I

1003-34-1497      **Billur Kaymakalan\*** (billur@georgiasouthern.edu), Georgia Southern University, Department of Mathematical Sciences, P.O. Box 8093, Statesboro, GA 30460, and **Agacik Zafer** (zafer@metu.edu.tr), Middle East Technical University, Department of Mathematics, 06531 Ankara, Turkey. *Asymptotic equivalence of dynamic equations.*

This talk is concerned with the asymptotic equivalence of systems of linear and quasilinear dynamic equations on time scales. We establish a Levinson type theorem for linear systems and improve a well-known result on asymptotic equivalence of linear and quasilinear systems obtained previously for differential equations. (Received October 05, 2004)