1003-34-1497  Billur Kaymakcalan* (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)