Billur Kaymakcalan* (billur@georgiasouthern.edu), Department of Mathematical Sciences, Georgia Southern University, Statesboro, GA 30458, and Agacik Zafer (zafer@metu.edu.tr), Department of Mathematics, Middle East Technical University, 06531 Ankara, Turkey. Asymptotic Equivalence of Dynamic Systems. Preliminary report.

In this talk, we establish a Levinson type theorem and a Yakubovich type result on asymptotic equivalence of linear dynamic equations and linear and quasilinear dynamic equations, respectively. (Received September 27, 2005)