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John M Davis* (John_M_Davis@baylor.edu), Department of Mathematics, Baylor University, Waco, TX 76798. *Asymptotic Equivalence Classes and Regions of Time Scale Exponential Stability*. Preliminary report.

We present the notion of asymptotic equivalence classes for time scales and show how they can be used to characterize the regions of time scale exponential stability studied by Pötzsche, Siegmund, and Wirth. (Received September 22, 2010)