APPLIED MATHEMATICS SEMINAR

Department of Mathematics

University of West Georgia

4:40 PM, MONDAY, OCTOBER 30, 2006, BOYD 304

Speaker: Dr. Nguyen Van Minh, UWG

Title: **A new approach to the Loomis-Arendt-Batty-Vu Theory on Stability and Asymptotic Behavior of Evolution Equations**

Abstract

In this seminar I will talk about the stability problem in (finite and infinite dimensional) linear dynamical systems, and then present a new approach to the Loomis-Arendt-Batty-Vu theory on the asymptotic behavior of solutions. Our approach is direct and free of C_0-semigroups, so the obtained results, that extend previous ones, can be applied to large classes of evolution equations and their solutions.

All are welcome.