

Applied Dynamical Systems Seminar

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**Friday, March 30, 2012
1:00p.m., HH-3017**

*Limit Set Trichotomy and Dichotomy for Skew-Product
Semiflows with Application*

Abstract:

In this talk, I will report Limit Set Trichotomy and Dichotomy for Skew-Product Semiflows. Under suitable monotone and concave assumptions, the limit set trichotomy and dichotomy for skew-product semiflows are established. As an application, a delayed Hopfield-type neural network model is considered.