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.