Traveling waves and spreading speeds for time-space periodic monotone systems: II. An application on two species competition model

Abstract:
In this talk, I will apply the abstract results on traveling waves and spreading speeds for time-space periodic monotone semiflows to a two species competition reaction-advection-diffusion model and explore its propagation phenomena by using the competition structure. This is a joint work with Dr. Jian Fang and Dr. Xiaoqiang Zhao.