

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Yuanwei Qi**

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报告题目:

**Existence and Non-Existence of
Traveling Wave Solutions to
Predator-Prey Systems**

邀请人: 袁亚湘 院士

报告时间: 2014 年 12 月 16 日 (周二)

下午 15:30-16:30

报告地点: 数学院南楼二层 210
会议室

Abstract:

In this talk, I shall discuss some recent results on Existence and Non-Existence of Traveling Wave to a class of Reaction-Diffusion systems of Predator-Prey type. By using a novel approach, my collaborator and I are able to prove the existence of a Traveling Wave when Predator has a linear death rate.

欢迎大家参加！