

Departmental Colloquium

Professor Jian Fang
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Monday, July 22, 2019
1:00p.m., HH-3017

Non-monotonicity of traveling waves for an iterative system

Abstract:

In this talk, we are interested in the shape of traveling waves for a locally monotone iterative system. A sufficient condition for the non-monotonicity of wave profiles is obtained. Some Harnack type inequalities for nonlocal problems are the main ingredients of the proof. This talk is based on a joint work with Dr. Yingli Pan.