國立中山大學應用數學系
學術演講

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講　題：A Three-Phase Problem
時　間：2022/03/17（Thursday）14:10～15:00
地　點：理 SC4009-1 教室
茶　會：13:30

Abstract

In this talk, I would like to consider a gradient system in an infinite cylindrical domain. On the bounded cross section of the cylinder, we assume that the system exactly has three local minimizers with 3 different energy levels, which can be viewed as a generalization of 3 non-balanced wells. Applying a variational approach, we study the existence or nonexistence of traveling waves connecting two local minimizers with successive or non-successive energy levels. Moreover, weakly wave interaction will be involved to study two waves with the same speed. This is a joint work with Prof. Chiun- Chuan Chen and Prof. Shin-Ichiro Ei.

敬 請 公 告！ 歡 迎 參 加！

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