

Colloquium

Absolute stability and synchronization in neural field models with transmission delays

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地 點：應用數學系多媒體教室(理 408 室)

摘 要：

Neural field models can be seen as the continuous networks of cortical units. Since the pioneering works of Wilson and Cowan, and Amari, there have been tremendous efforts towards developing mathematical tools to investigate neural field models.

In this talk, we would like to introduce the background briefly and discuss the stability and synchronization for some neural field models with delays.

This talk is based on the joint work with Chiu-Yen Kao and Chih-Wen Shih.