

Colloquium

Synchronization of Heterogeneous Forced Kuramoto Oscillators Network: A Differential Inequality Approach

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時 間：112 年 04 月 12 日(三) 14：30

地 點：應用數學系多媒體教室(理 408 室)

摘 要：

Synchronization behaviours have been observed and investigated in various disciplines. There are abundant examples including circadian rhythms, flash of fireflies, neural networks, biological oscillators, clocks, power systems, etc. In this talk, I shall briefly introduce such phenomena by using an ignite talk. Next, I shall introduce the forced Kuramoto model and some related works. Then I shall show the main results and present key lemmas for the sketch of the proofs. If time permits, I would show the numerical simulations.

