



地點:致理大樓 MA803 教室

112年5月15日星期一14:00~15:00

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講題: Synchronization of Kuramoto oscillators with the distributed time-delays and inertia effect

摘要:

This is joint work with Chang-Yeol Jung, Bongsuk Kwon and Sunghwan Moon. In this talk, we prove the complete and partial phase synchronization for the Kuramoto oscillators with distributed time-delays and inertia effect. Our results assert that the Kuramoto models incorporated with a small variation of

distributed time-delays and inertia effect still exhibit synchronization. This

shows the robustness of the synchronization phenomena of the original

Kuramoto model in the perturbation of time-delay and inertia effects.

