

國立東華大學應用數學系
專題演講

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講題：Dynamics of Convolution Operators on Groups

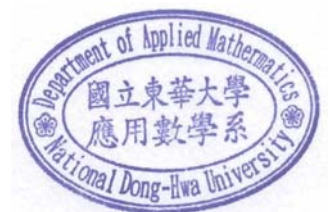
時間：102年03月15日(星期五) 15:20-16:50

地點：理工一館 A324 會議室

摘要

Recently dynamics of linear operators have been studied intensely since the work of Birkhoff and MacLane. In this talk, we will focus on the notion of hypercyclicity, which is equivalent to topological transitivity. The latter together with periodicity forms chaos. We will investigate translation operators on locally compact groups, and give the sufficient and necessary condition for such operators to be hypercyclic and chaotic. In particular, we show that the density of periodic points of a weighted translation implies automatically hypercyclicity.

This is joint work with Professor Cho-Ho Chu.



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