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Disjoint dynamics of linear operators

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Abstract

Contrary to popular belief, linear dynamical systems can be chaotic. However, in order to find a chaotic linear map, one needs to work on infinite-dimensional metric spaces. We will make an introduction to Linear Dynamics, which is a new and active branch of Functional Analysis. We will also talk about a recent result of Rebecca Sanders and myself about dense manifolds of disjoint hypercyclic operators.

Date: Wednesday, February 8, 2017

Time: 15:00

Place: Erdal İNÖNÜ Seminar Hall, Ataköy Campus, İstanbul Kültür University