

# İSTANBUL ANALYSIS SEMINARS

## ON TWO PROBLEMS IN DISJOINT HYPERCYCLICITY

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**Abstract:** Finitely many operators  $T_1, \dots, T_N$  acting on a Fréchet space  $X$  are called disjoint hypercyclic if the direct sum operator  $T_1 \oplus \dots \oplus T_N$  has a hypercyclic vector in the form  $(x, \dots, x)$  in  $X^N$ . In this talk, we will answer two questions of Salas (2013) about disjoint hypercyclic subspaces and extending families of disjoint hypercyclic operators.

This is a joint work with Rebecca Sanders.

**Date:** December 25, 2015

**Time:** 15:40

**Place:** Sabancı University, Karaköy Communication Center  
Bankalar Caddesi 2, Karaköy 34420, İstanbul