

COMPLEX ANALYSIS SEMINAR

DISJOINT HYPERCYCLICITY ON WEIGHTED DIRICHLET SPACES

Özgür Martin

Miami University

ABSTRACT: A linear continuous operator on a topological vector space is called hypercyclic if it has a dense orbit. This talk stems from Bourdon and Shapiro's characterization of hypercyclicity of linear fractional composition operators on the Hardy space. We will characterize disjoint hypercyclicity of finitely many linear fractional composition operators acting on spaces of holomorphic functions on the unit disc.

Date: Thursday, February 17, 2011

Time: 4pm-5pm

Place: UH 4440

Webpage: <http://math.utoledo.edu/~sonmez/complexseminar.html>