

# COMPLEX ANALYSIS SEMINAR

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## DISJOINT HYPERCYCLIC AND SUPERCYCLIC COMPOSITION OPERATORS

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**ABSTRACT:** In 2007, Bernal, Bonilla, and Calderon showed that for most sequences of composition operators induced by automorphic symbols of a simply connected domain the notions of hypercyclicity and supercyclicity coincide. In this talk, we will show that this result holds for all sequences and also can be generalized to the notion of disjointness in hypercyclicity introduced by Bernal (2007) and also independently by Bes and Peris (2007).

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**Date:** Thursday, April 15, 2010

**Time:** 4pm-5pm

**Place:** UH 4010

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