

Department Colloquium

Speaker: Alex Olshevsky, Boston University

Date: Friday, November 18

Time: 2:30 p.m.

Place: Jeffery 234

Title: Control of Linear Systems by Input Selection

Abstract: Given a system of linear differential equations, we consider algorithms for selecting which variables should be affected by inputs in order to steer the system effectively. This turns out to be an intractable combinatorial problem and we survey some recent progress both on algorithms and fundamental obstructions to finding efficient solutions.