

Applied Dynamical Systems seminar

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University
Monday, September 30, 2013
HH-3017
3 p.m.

Adaptive fuzzy control theory and its application in inverted pendulum control

Abstract:

Inverted pendulum is an experimental device, and its prototype is derived from the rocket booster. As a classic nonlinear control system, it is a platform to validate the effectiveness of all kinds of algorithm. In this presentation, adaptive fuzzy control theory is introduced and our recent progresses made on inverted pendulum control are reviewed. Different kinds of material experiments with video demonstrations are presented.

Coffee and cookies will be served.
Seminar website: <http://www.math.mun.ca/~shuz/seminars.html>

—————All are welcome—————