

MATEMATISKA INSTITUTIONEN
STOCKHOLMS UNIVERSITET
Avd. Matematik

SJÄLVSTÄNDIGT ARBETE I MATEMATIK

Måndagen den 17 juni kl. 10.00–11.00 presenterar Paweena Surapolbhichet sitt arbete “Economic Applications of Mathematical Control Theory” (15 högskolepoäng, grundnivå).

Handledare: Yishao Zhou

Plats: Sal 32, hus 5, Kräftriket

Sammanfattning: The aim of this report is to make an easier access to mathematical control theory by working on certain types of problems which have economic relevance, illustrated by completely solving some problems after presentation of Pontryagin’s Maximum Principle with various end point conditions and discussion on under what conditions this principle is also sufficient for optimal solution.

Alla intresserade är välkomna!