

MATEMATISKA INSTITUTIONEN
STOCKHOLMS UNIVERSITET
Avd. Matematik

SJÄLVSTÄNDIGT ARBETE I MATEMATIK

Onsdagen den 28 mars kl. 11–12 presenterar Da Wang sitt arbete “Towards a mass-spring model for human motion capturing using optimal control” (30 högskolepoäng, avancerad nivå).

Handledare: Mattias Sandgren

Plats: Sal 21, hus 5, Kräftriket

Abstract: A reconstruction problem of human body motion can be treated as an optimal control problem. This thesis shows that such a problem can be solved by the Symplectic Pontryagin method. Existence of a solution, characteristic method and regularization are shown. In this work there is convergence of solution for some concrete example.

Alla intresserade är välkomna!