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DK Seminar

October 28, 2015, 14:15 - 15:30

University of Vienna

Oskar-Morgenstern-Platz 1, WPI, 8th floor, Seminarroom.

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Stability of a control system applied to a gantry crane

We investigate a gantry crane with a heavy chain, which is coupled to a feedback controller. The aim is to choose the parameters of the controller in such a way that the chain is stabilized, and unwanted oscillations are damped. In this talk we will discuss exponential stability of the system.