

State Space Equation (Problem)

by

Jai Garg

1 Inverted Cart Pendulum

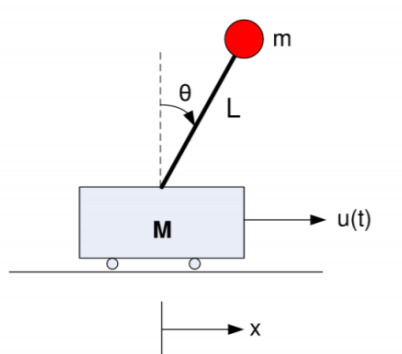


Figure 1: Inverted Cart Pendulum

Consider a Cart Pendulum system. It is a horizontally moving cart with an inverted pendulum attached to it on the top.