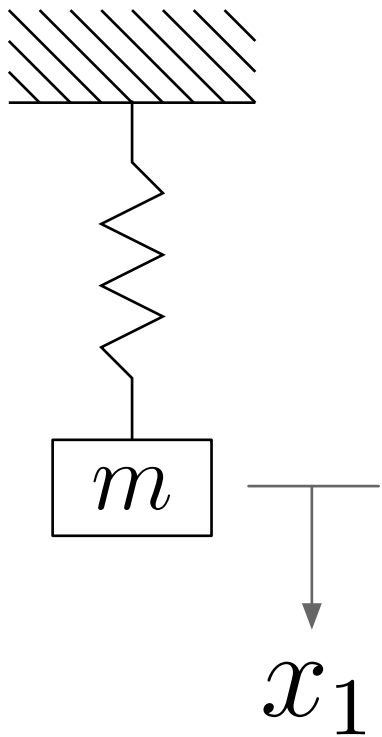


dynamical system:  
pendulum



state space of the system

