

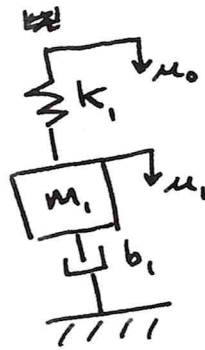
①

1. Consider the system

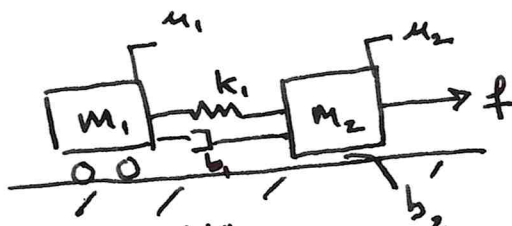
(a) Find the electromechanical model using the mobility analogy.

(b) Find ode governing the motion

(c) Find $U_1(s)/U_0(s)$

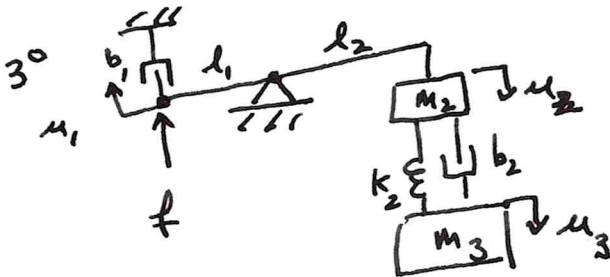


2°



(a) Find mobility model

(b) Find ODE's



(a) Find mobility model

(b) Find ODE's

(c) U_3/U_2