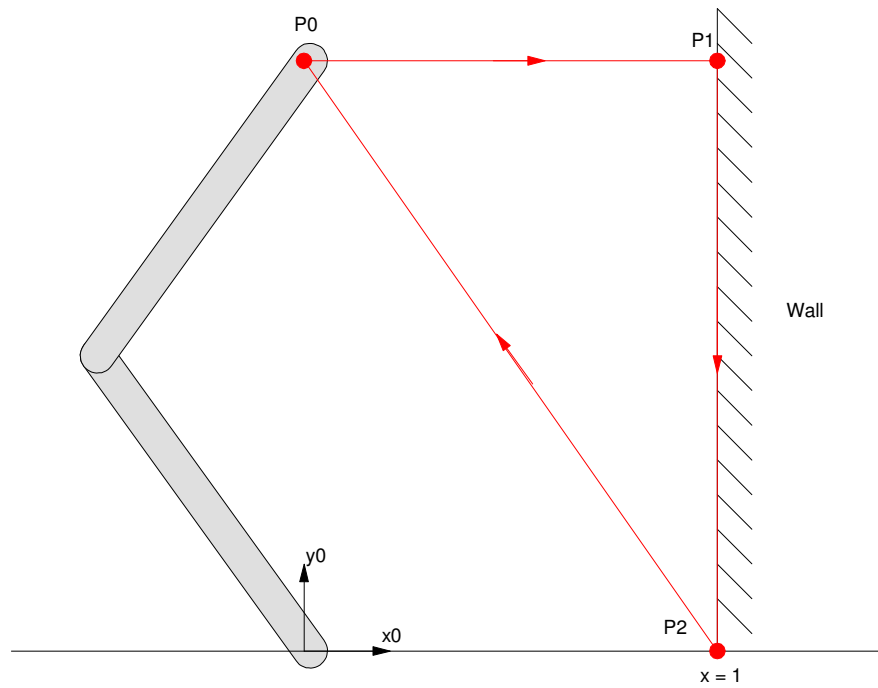


# ECE 761: Homework #15: Impact Forces

For a 2-link arm, assume a wall exists at  $x = 1$



Write a simulation which results in the robot

- Starting at  $(0, 1)$
- Moving to contact the wall at  $(1,1)$
- Sliding down the wall to  $(1,0)$
- Then moving back to point  $(0, 1)$

While in contact with the wall, maintain a force of  $+1\text{N}$