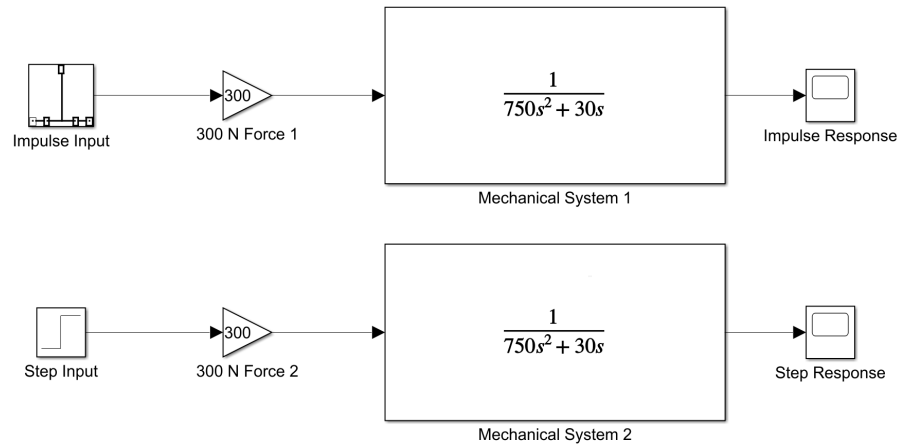


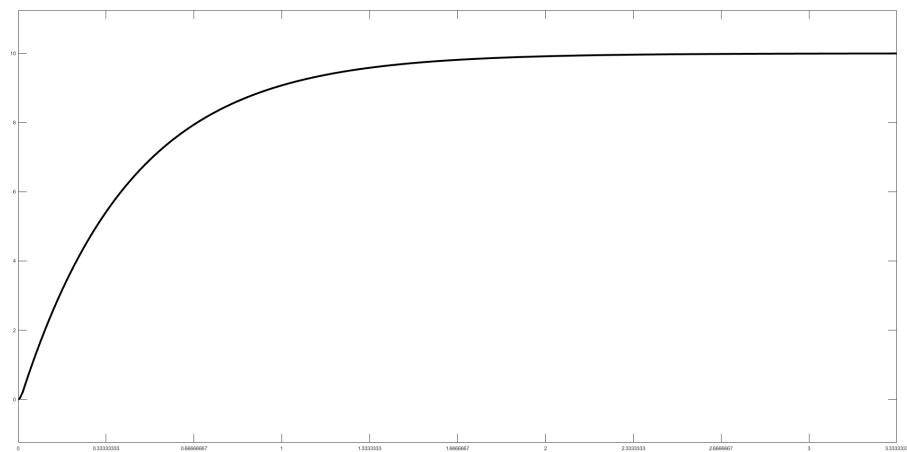
## Exercise 1(A) - In-Lab Task (SIMULINK)

1. Mechanical System ..... 1
2. Electrical System ..... 2
3. Electromechanical System ..... 3

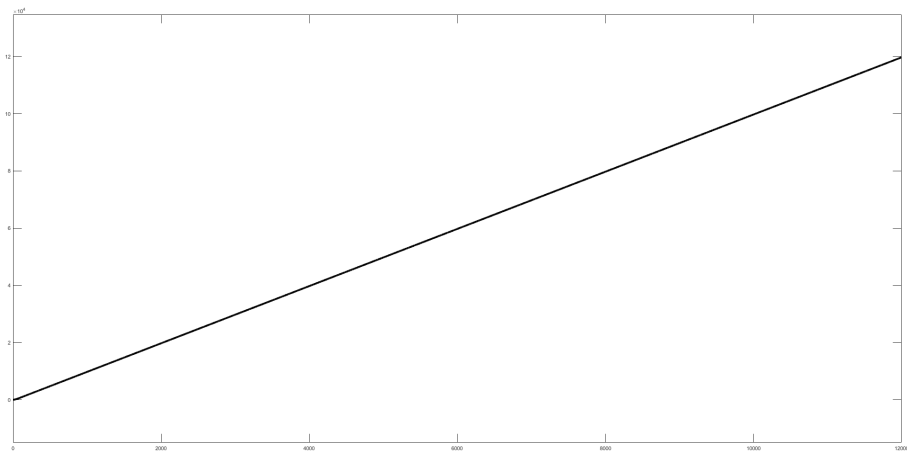
### 1. Mechanical System



SIMULINK Model

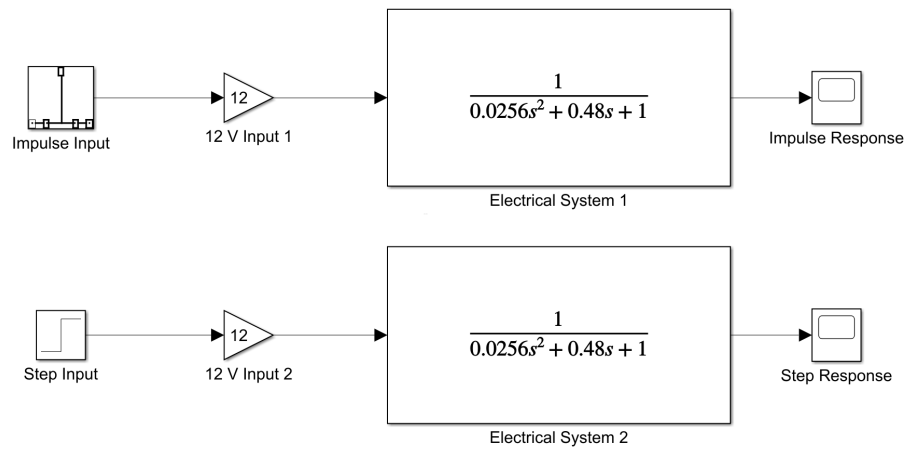


Impulse Response

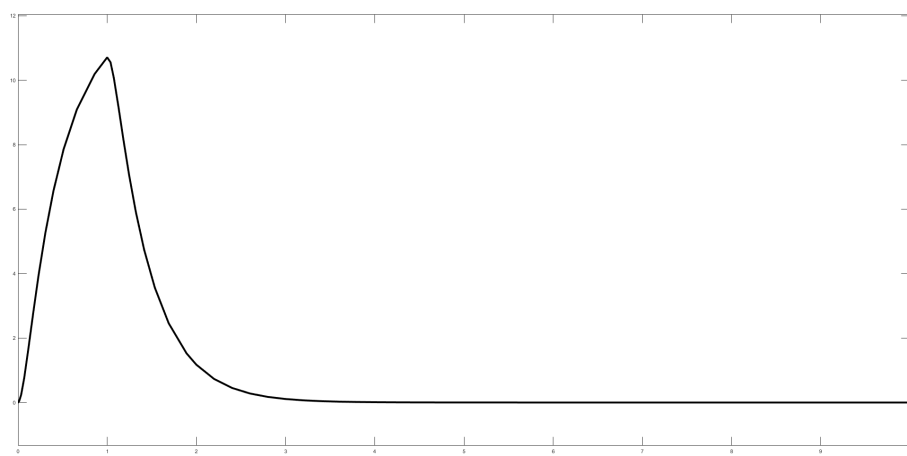


Step Response

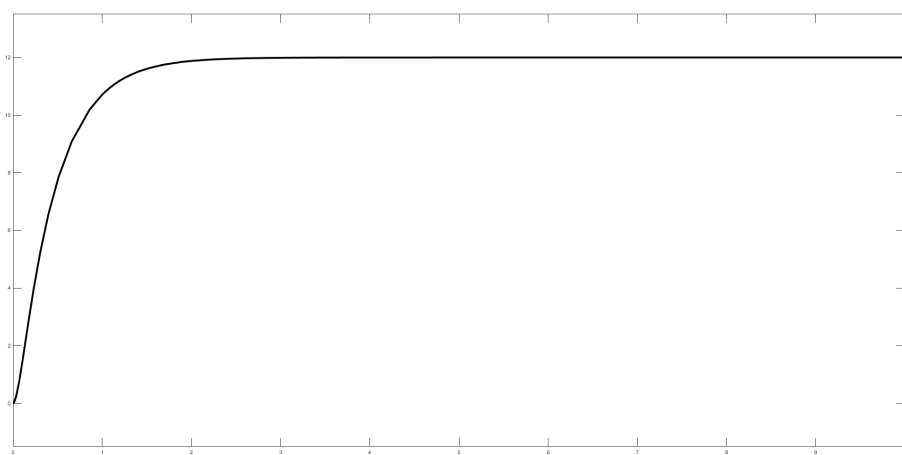
## 2. Electrical System



SIMULINK Model

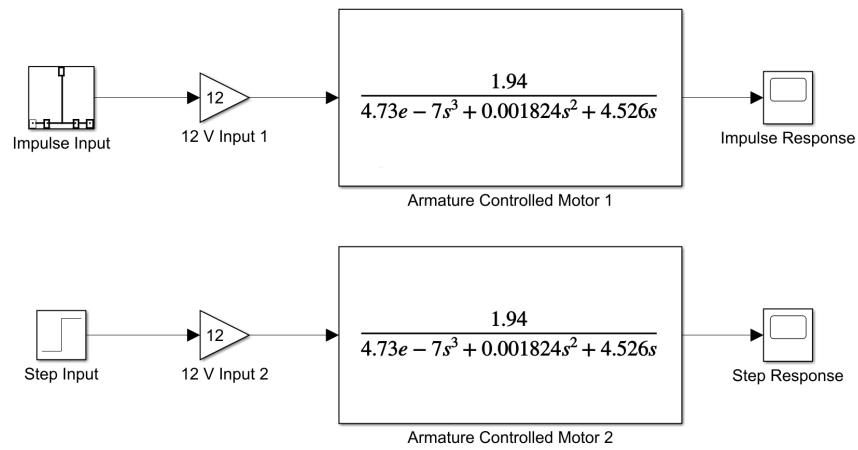


Impulse Response

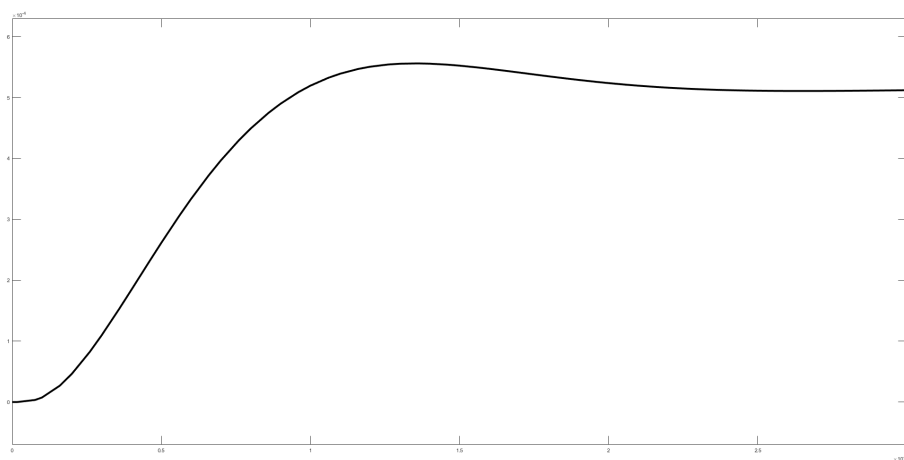


Step Response

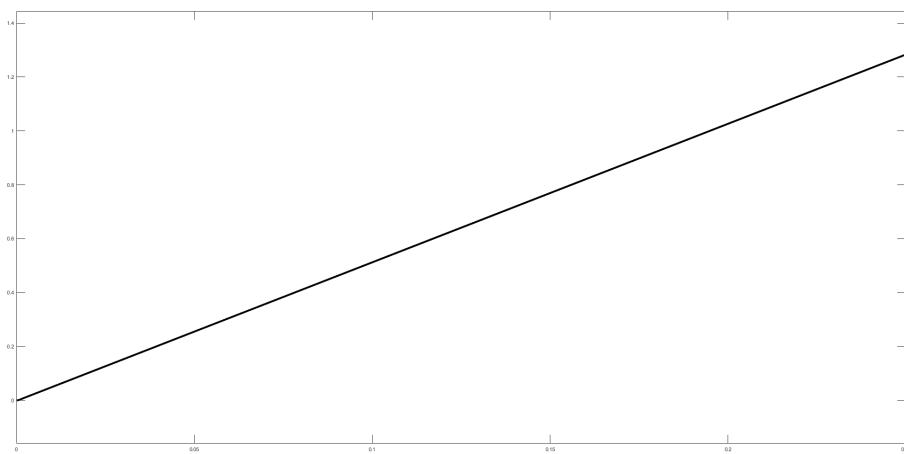
### 3. Electromechanical System



SIMULINK Model



Impulse Response



Step Response