CMU ROBOT AUTONOMY PLUS HW1  
David Wong

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q1-3**

Chart, line chart

Description automatically generated

Pdes 0.077

Impedence control gains:  
P 150   
I 0   
D 2

Force control gains:  
P 0.05  
I 5  
D 0