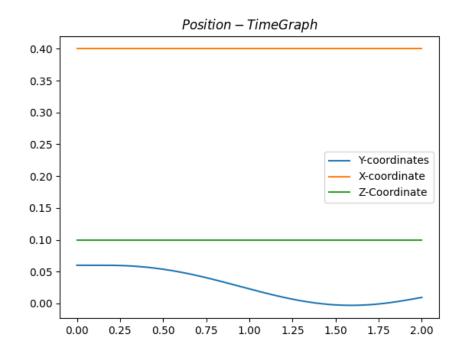
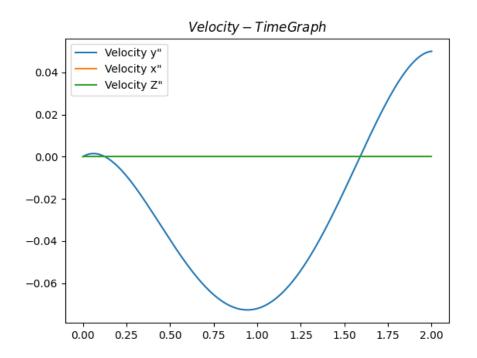
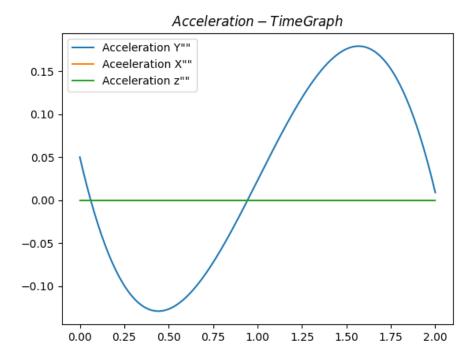
Introduction to Robotics

Assignment 6&7

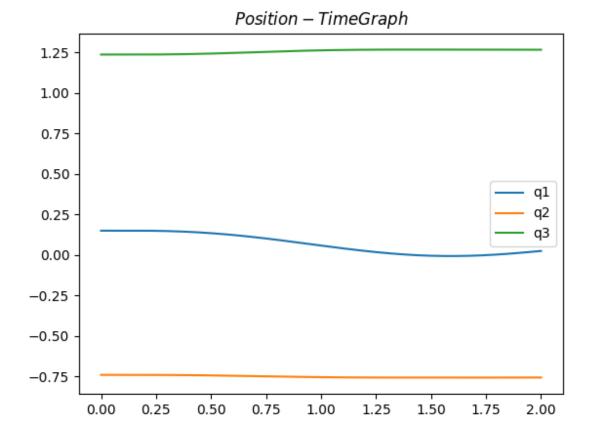
Task1)

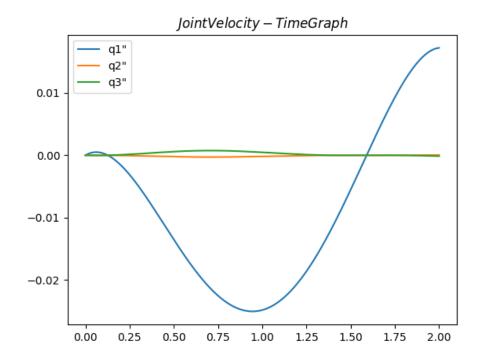


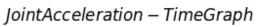


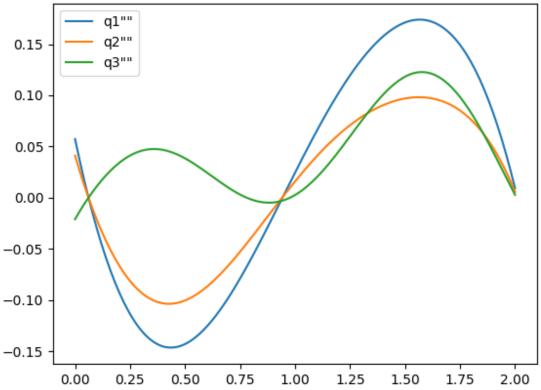


Task 2)

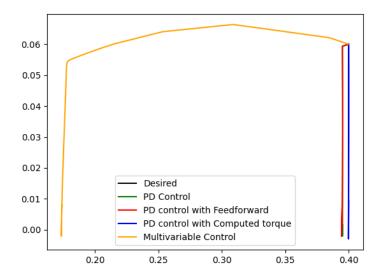




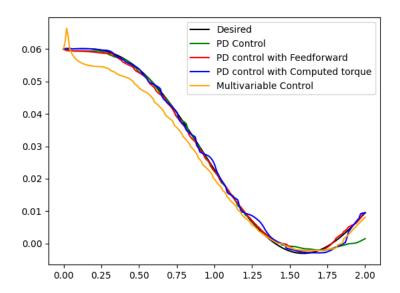


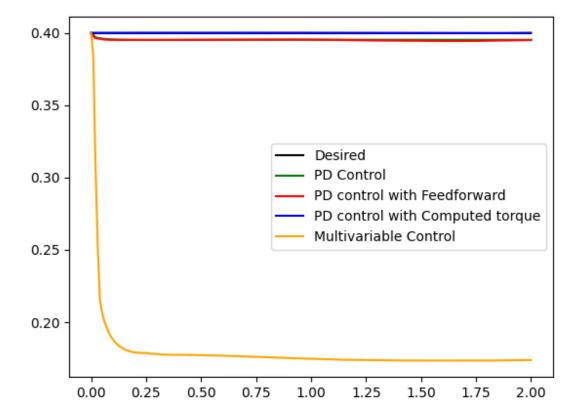


Task3) X-Coordinate

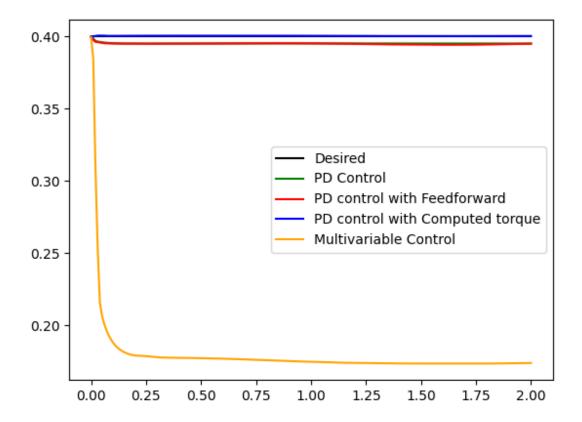


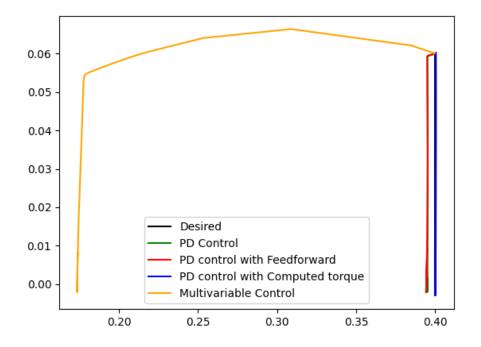
Y=Coordinate



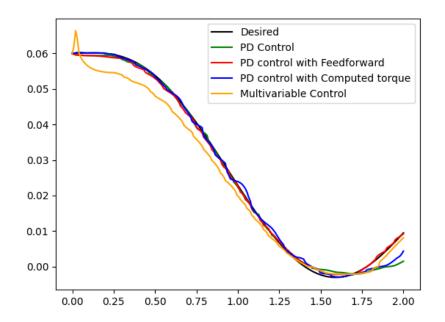


Task4) X-Coordinate



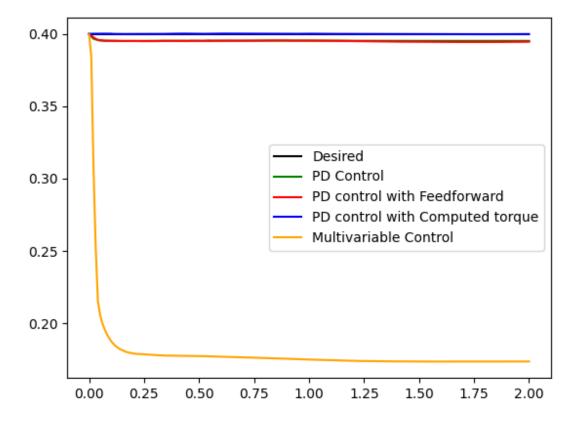


X-Y Coordinate

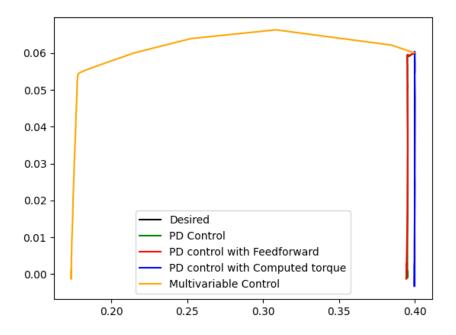


Y-Coordinate

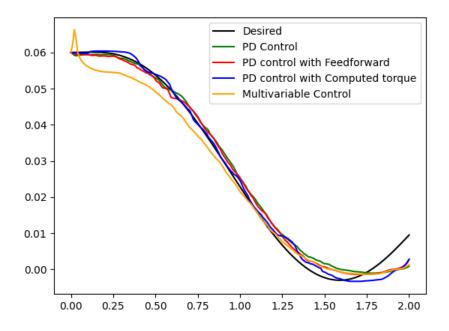
Task 5) X Coordinate

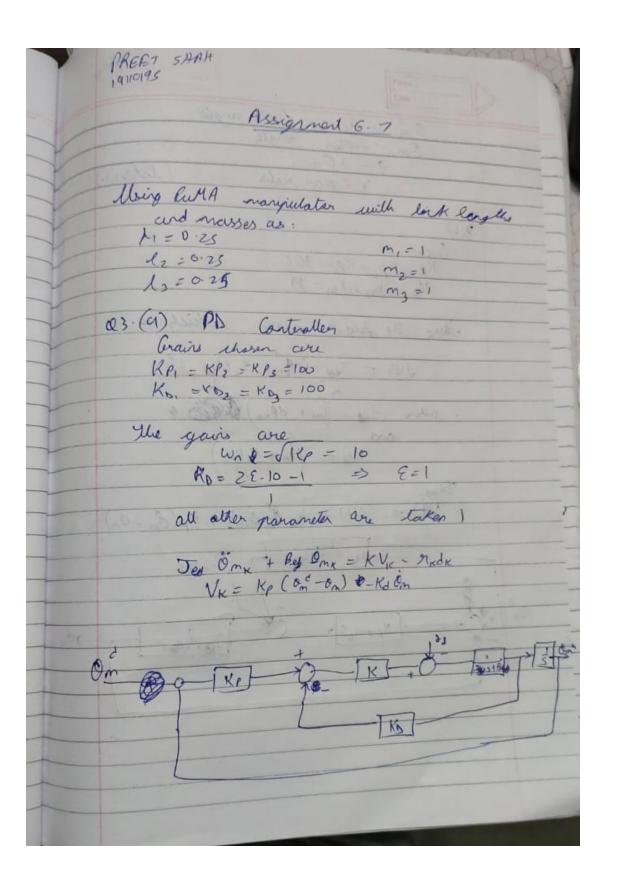


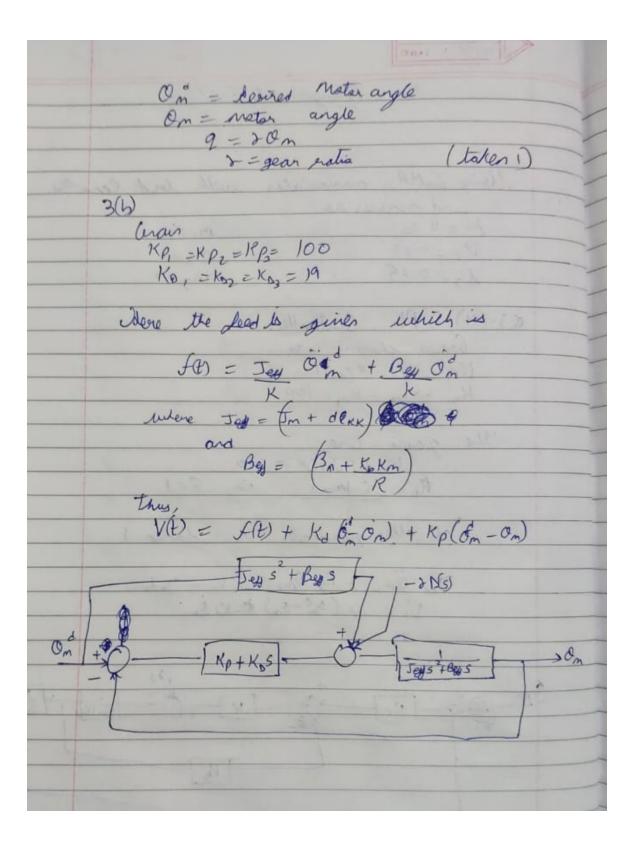
XY Coordinate

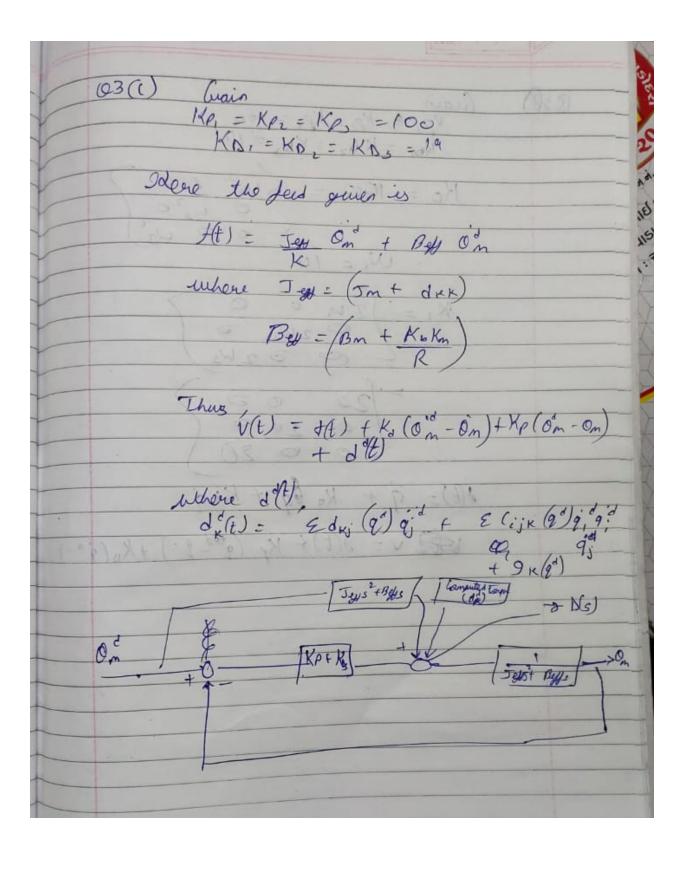


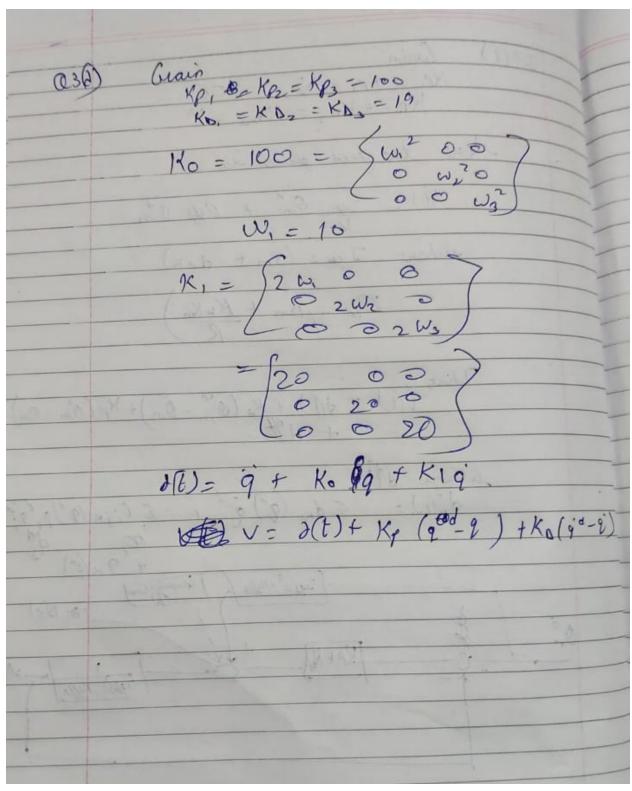
Y Coordinate











I was not ablet to implement Task d in Q3, Q4 and Q5 properly as the results showed a big error

Task 7)

All the three controllers a,b and c had some amount of steady state error. The most efficient of them was the computed torque method as can bee observed in the results

The D controller, there was some error in the equation, thus it got difficult to implement.