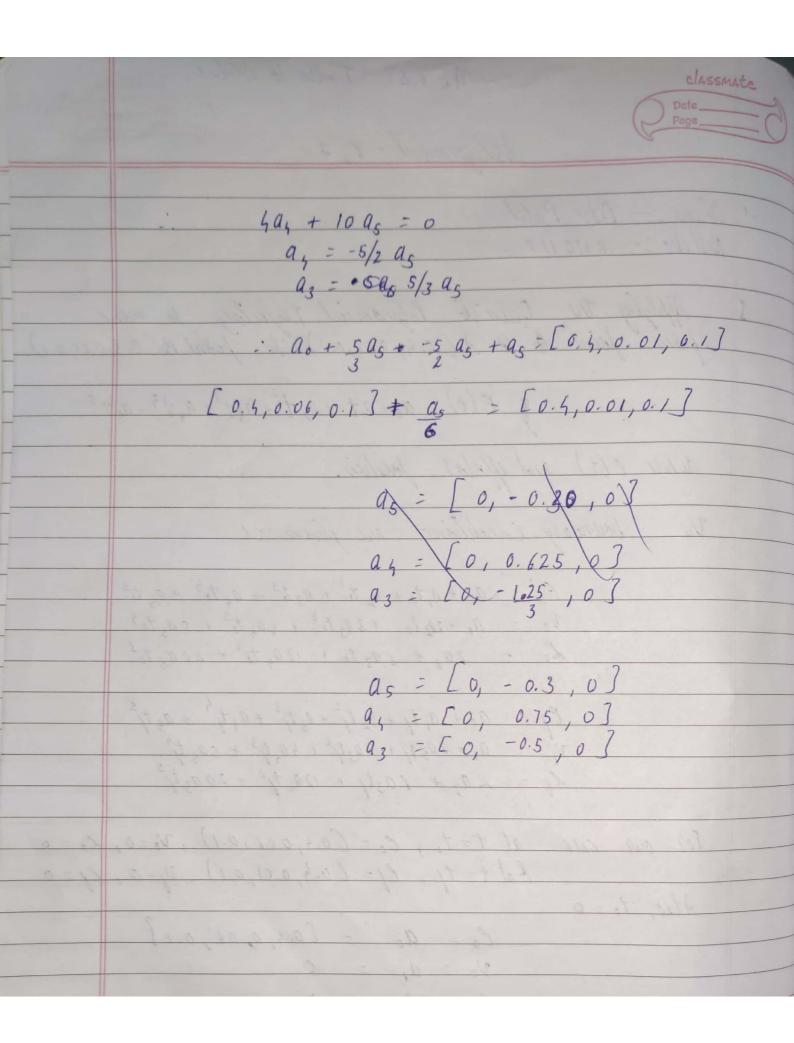
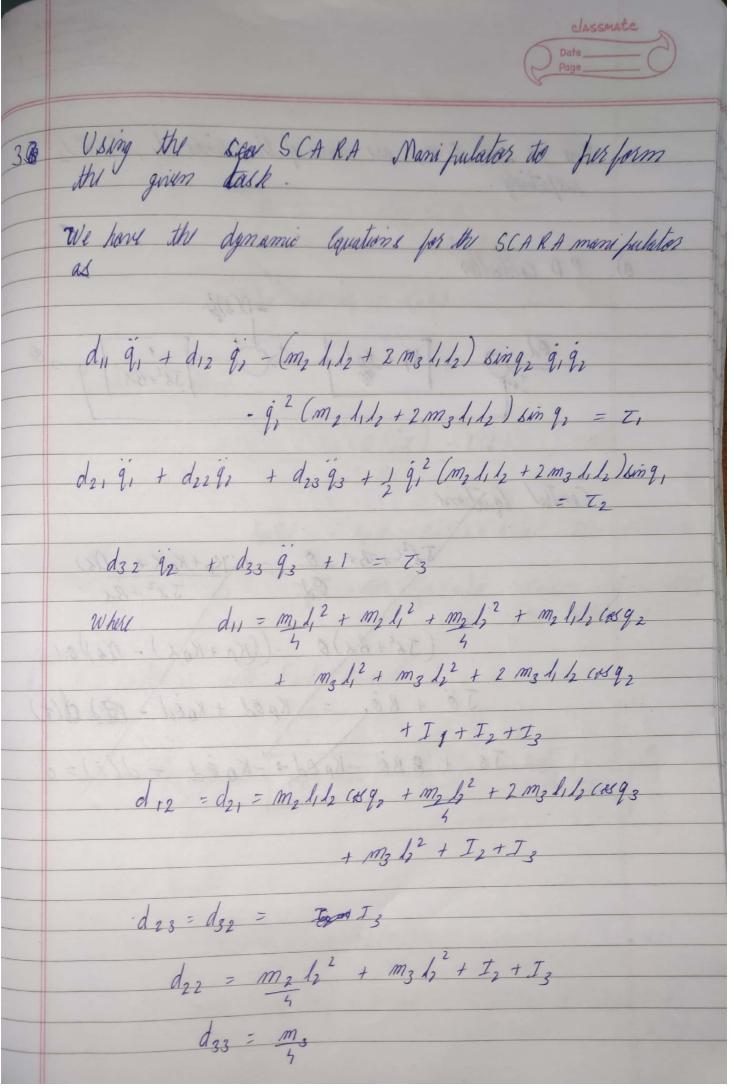
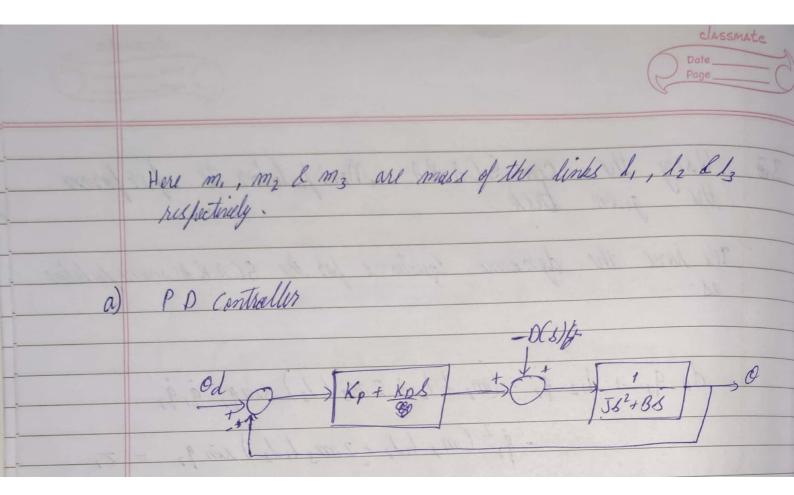
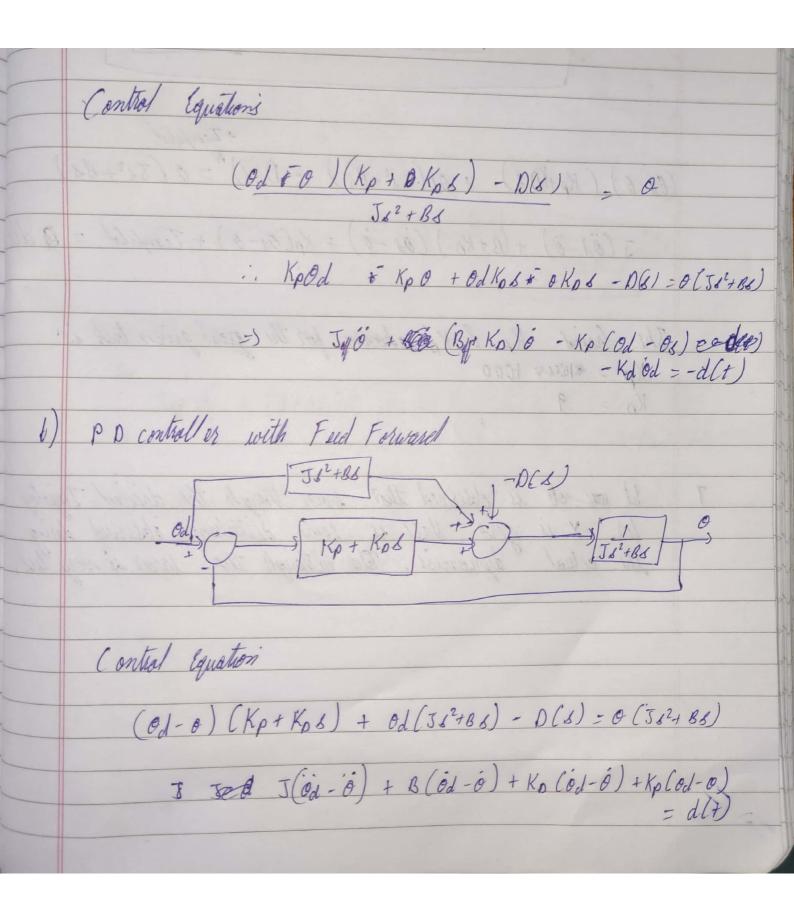
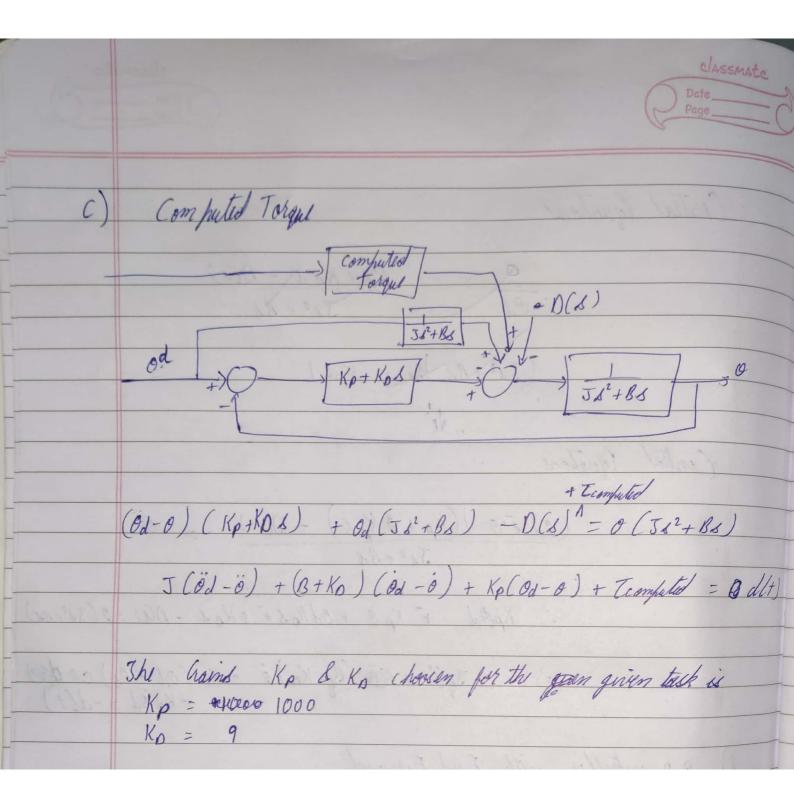
ME 639 - Intro to Rotalis Assignment - 6, 7 1 Name: - Der Patel Secret Code: - "DEV" Rall No: - 18110113 pom faint & A (0.4, 0.06,0.1) To paint B (0.4, 0.01, 0.1) 9 P(t) = a0 + a, t + a2 t + a3 t3 + a4 t3 + a5 t5 Where e(t) end effector position. The boundary conditions are given as Co = ao + a, to $V_0 = a_1 + 2a_2 t_0 + 3a_3 t_0^2 + 5a_5 t_0^3 + 5a_5 t_0^5$ $L_0 = 2a_2 + 6a_3 t_0 + 12a_4 t_0^2 + 20a_5 t_0^3$ $C_1 = a_0 + a_1 t_1 + a_2 t_1^2 + a_3 t_1^3 + a_4 t_1^4 + a_5 t_1^5$ $V_1 = a_1 + 2a_2 t_1 + 3a_3 t_1^2 + 4a_4 t_1^3 + 5a_5 t_1^4$ $L_1 = 2a_2 + 6a_3 t_1 + (2a_4 t_1^2 + 20a_5 t_1^3)$ at t=to, Co= (0.4,0.06,0.1), Vo=0, Lo=0 Eat t=t/, e/= (0.4,0.01,0.1), v/=0, L/=0 lo: do - [0.4,0,06,0.1] Vo = a, = 0 Lo - 1 a2 = 0 to =1, i. e reaching paint B in 18ee et = a0 + a3 + a4+a5 = [0.4,0.01,0.13 8 V1 = 393+494+595 = 0 4 = 6 a3 + 12 a4 + 20 a5 = 6

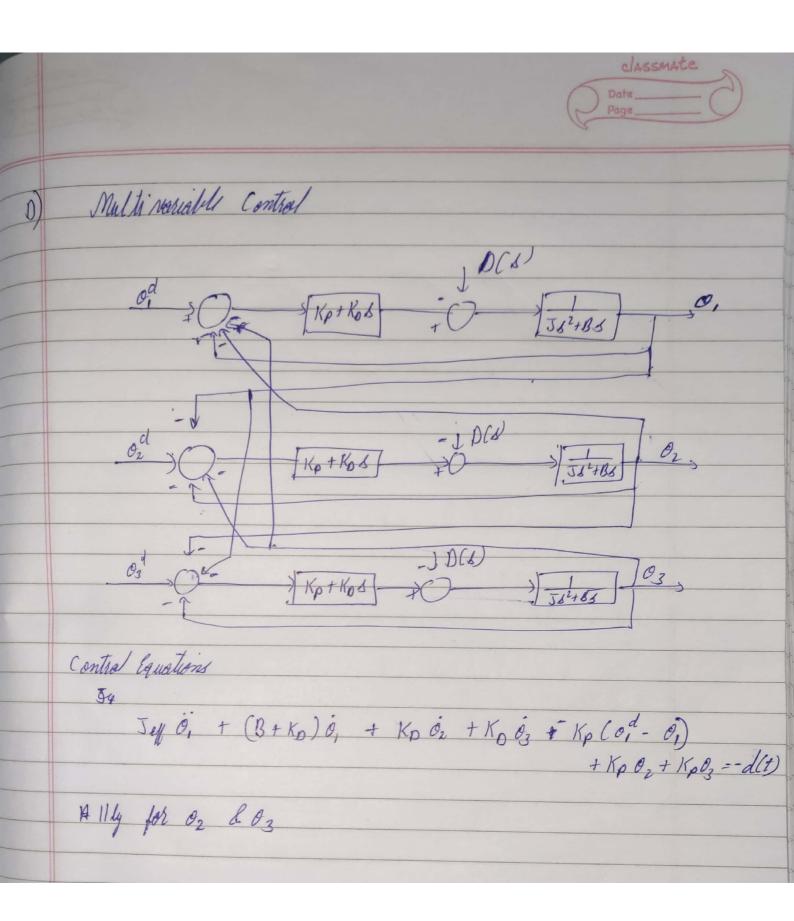












7 St was of is observed that even though the desired tripitary
for X is gero, there is some disturbance observed during
the actual dynamics. The sethough the error is very bus.