

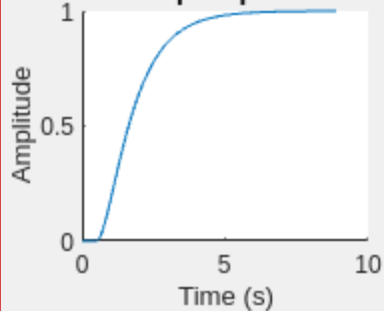
1

Plant parameters

$$P(s) = \frac{ke^{-Ls}}{(Ts+1)(aTs+1)}$$

k T a L

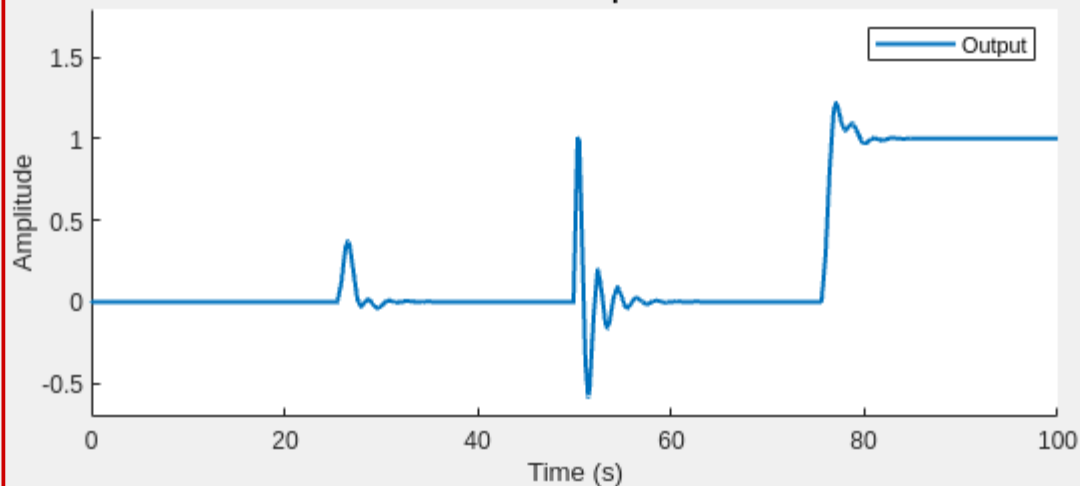
Step response



2

MOOTuning

Control Response

☒ Servo response☐ Control effort☒ Input disturbance regulation response☒ Output disturbance regulation response

Final time

Kp: 2.5273

Td: 0.42387

Jdi: 0.48178

Jr: 1.4617

Ti: 0.95293

beta: 0.46799

Jdo: 1.4671

Ms: 3.5054

3

Controller tuning

Jdi
1 0 0.2 0.4 0.6 0.8 1Jdo
1 0 0.2 0.4 0.6 0.8 1Jr
1 0 0.2 0.4 0.6 0.8 1

Disturbances

All

Ms

> 2.0

Export Tuning