

Note that with a constant disturbance due to error in our dynamic modeling, our control law without integral control results in a constant steady-state error. The states still converge to a value, but the value is not our desired state. This is expected since our control is calculated without integration or without knowledge of the error in our dynamics modeling.

(a) Ahat = \[\begin{aligned} 27.72 \\ \daggering \text{27.72} \\ \daggerin	0 0 J / 2 - [] J	
Control Law: U = -0 Plot:	.1388 - [8.36] 1. 2595 5] (B) - [7/4]	()

