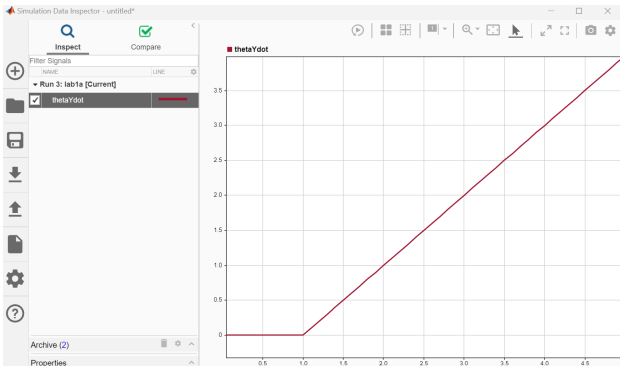
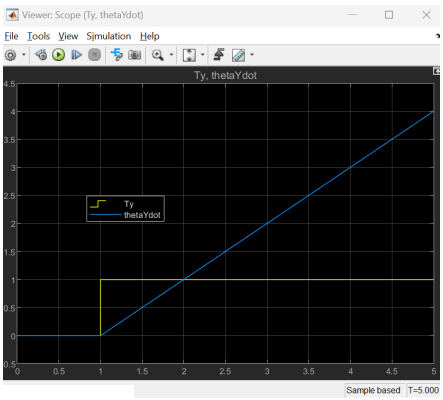
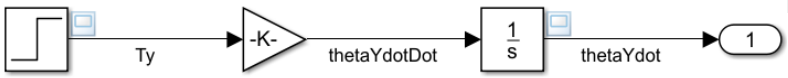
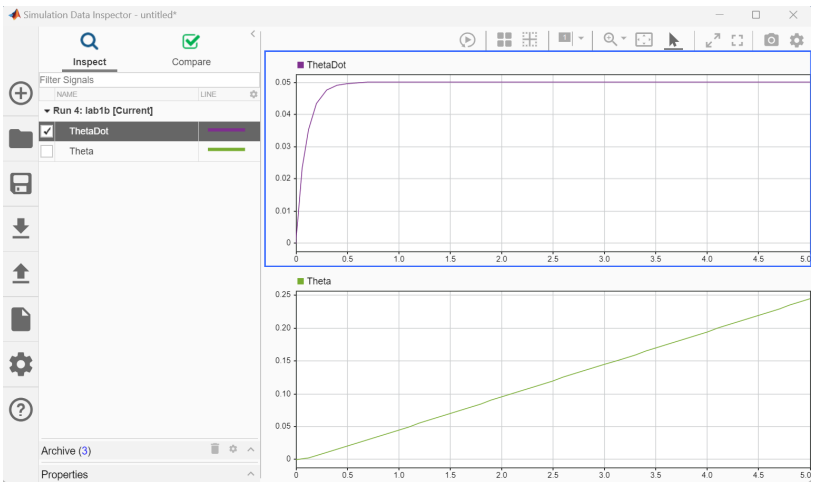
Part 1:

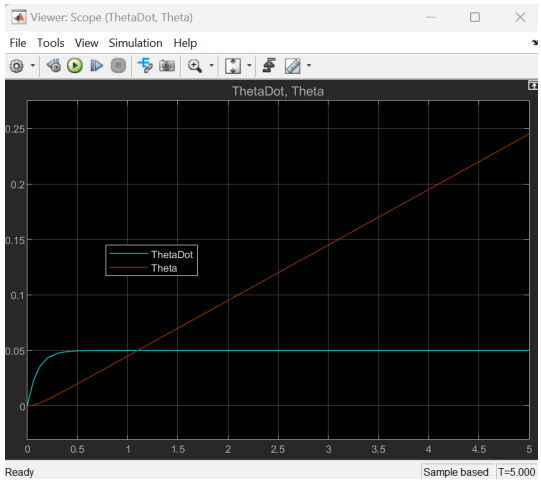

Simulation Data Inspector - untitled*
Inspect
Compare
Filter Signals
Run 3: lab1a [Current]
thetaYdot
Archive (2)
Properties
thetaYdot

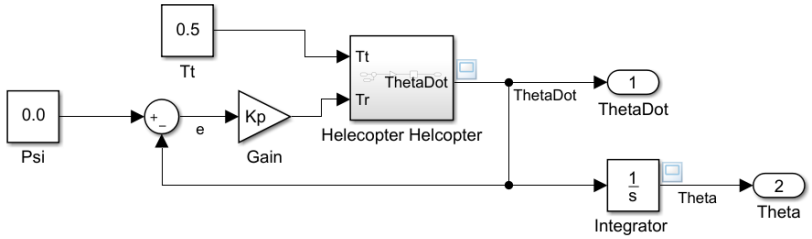

Viewer: Scope (Ty, thetaYdot)
File Tools View Simulation Help
Ty, thetaYdot
Ty
thetaYdot
Sample based
T=5.000


Ty
-K-
thetaYdotDot
1
s
thetaYdot
1

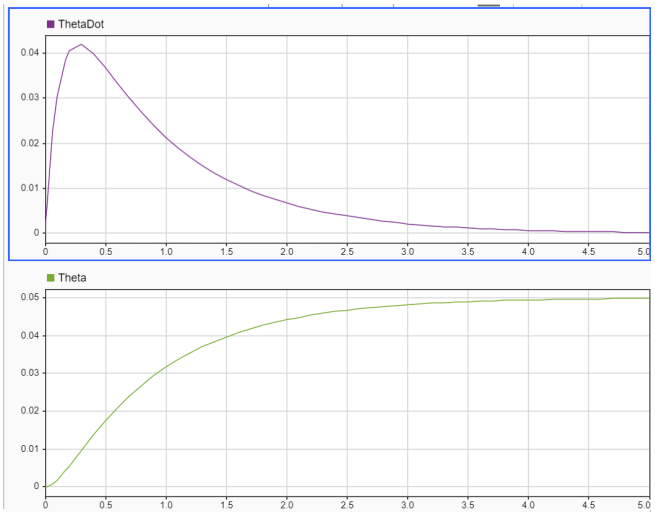
Part 2:

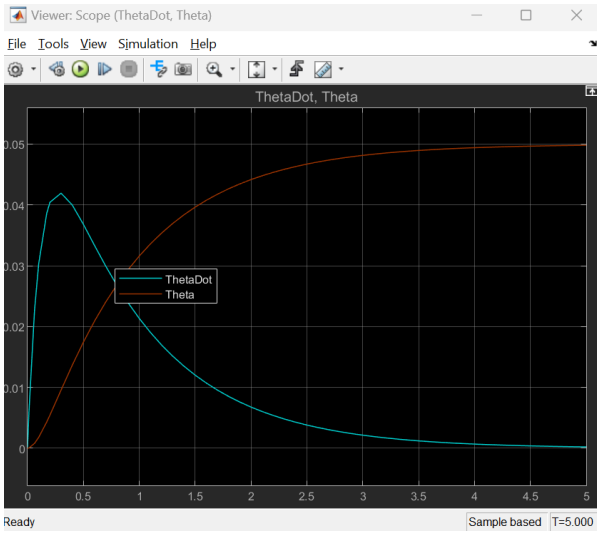

Simulation Data Inspector - untitled*
Inspect
Compare
Filter Signals
Run 4: lab1b [Current]
ThetaDot
Theta
Archive (3)
Properties
ThetaDot
Theta

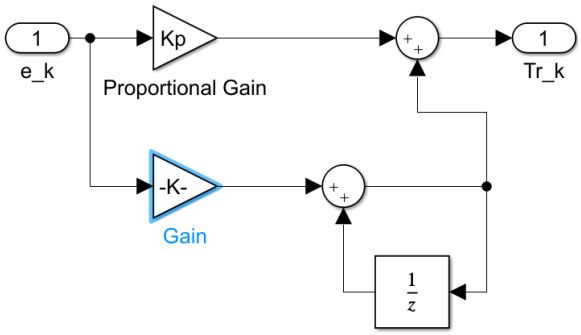

Viewer: Scope (ThetaDot, Theta)
File Tools View Simulation Help
ThetaDot, Theta
ThetaDot
Theta
Ready
Sample based
T=5.000

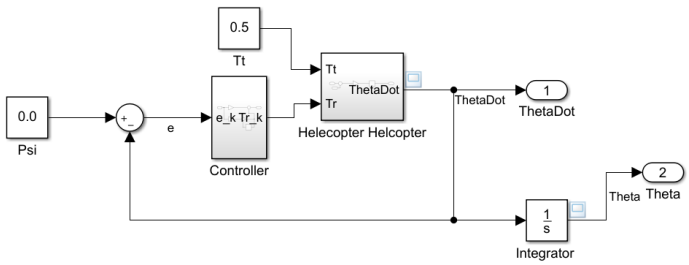

0.5
Tt
0.0
Psi
e
Kp
Gain
Tt
Tr
ThetaDot
Helecopter Helcopter
ThetaDot
1
ThetaDot
1
s
Integrator
Theta
2
Theta

Part 3:

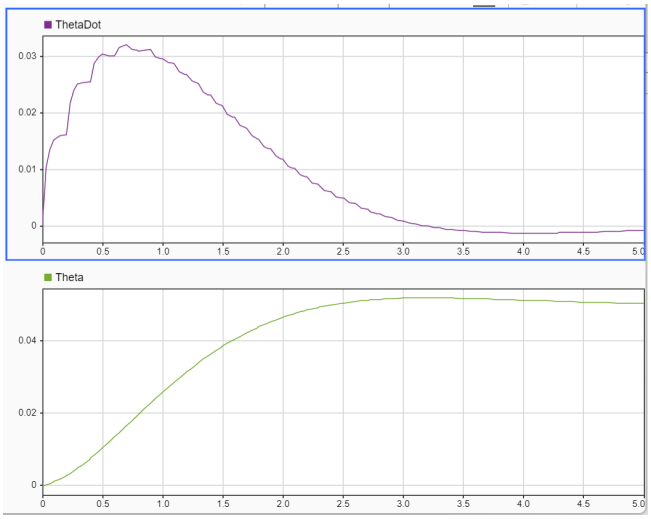

ThetaDot
Theta

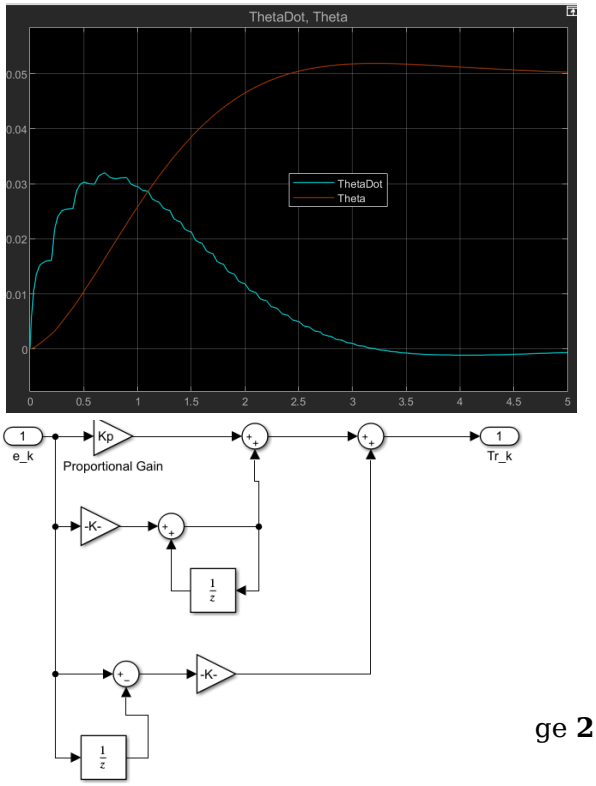

Viewer: Scope (ThetaDot, Theta)
File Tools View Simulation Help
ThetaDot, Theta
ThetaDot
Theta
Ready
Sample based
T=5.000


1
e_k
Kp
Proportional Gain
1
Tr_k
-K-
Gain
1/z


0.5
Tt
0.0
Psi
e
e_k Tr_k
Controller
Tt
Tr
ThetaDot
Helecopter Helcopter
ThetaDot
1
ThetaDot
2
Theta
Theta
1/s
Integrator

Part 4:


ThetaDot
Theta


ThetaDot, Theta
ThetaDot
Theta
1
e_k
Kp
Proportional Gain
1
Tr_k
-K-
1/z
-K-
1/z