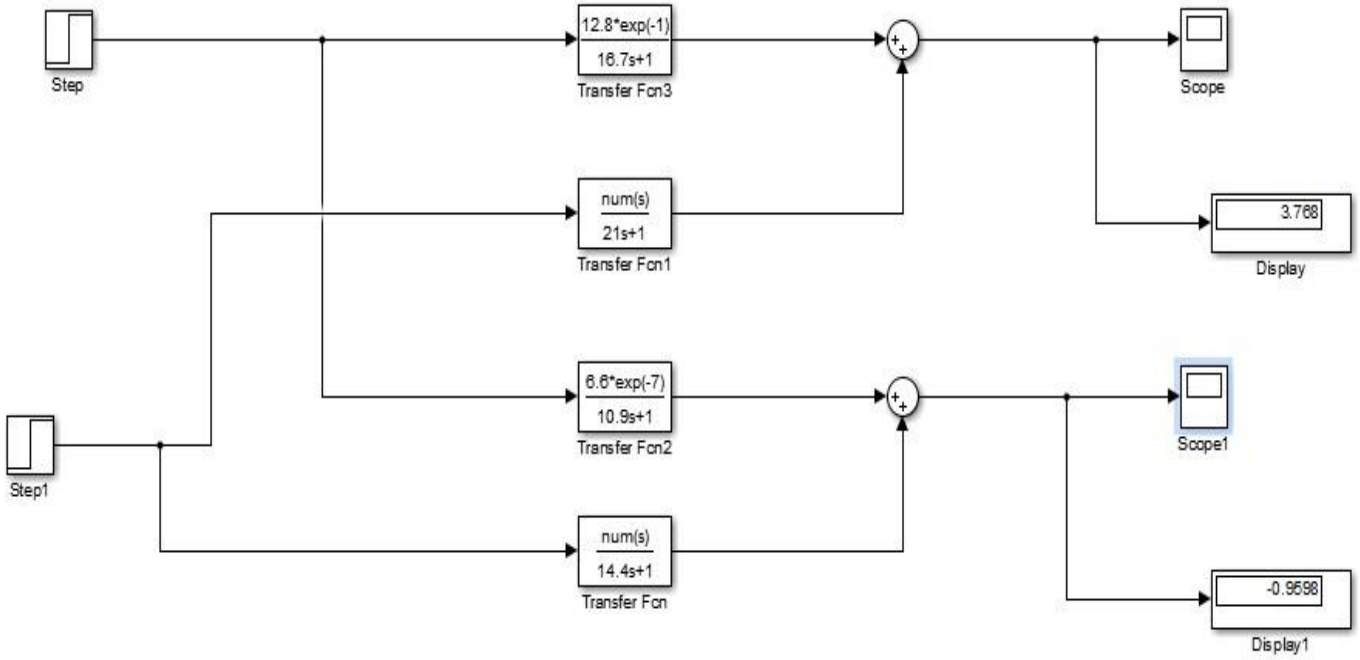
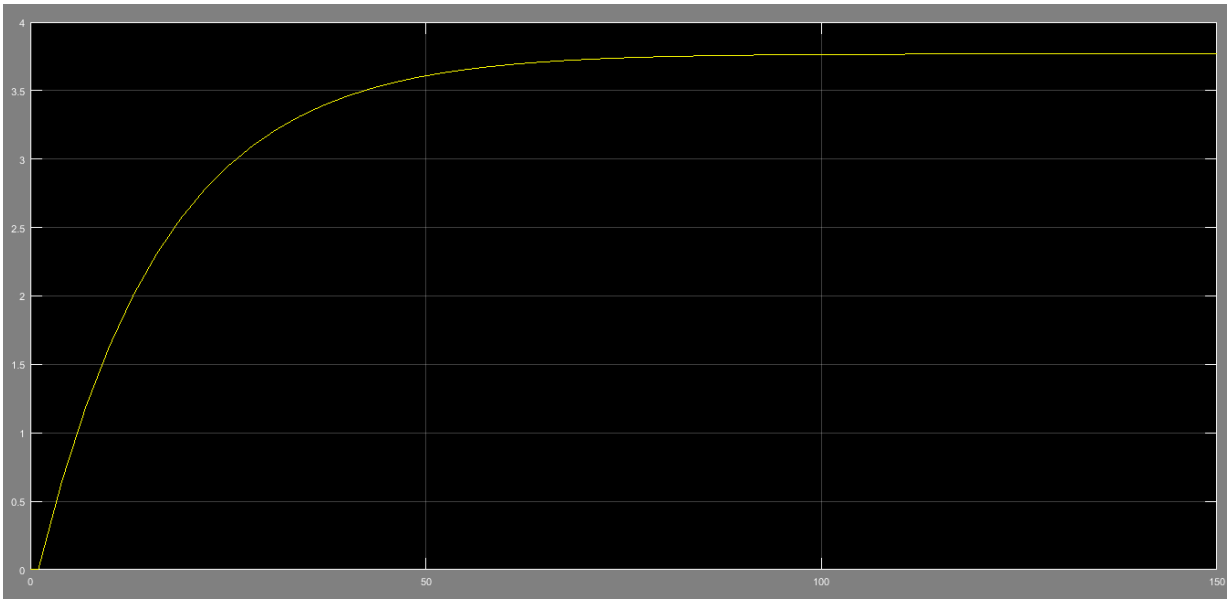
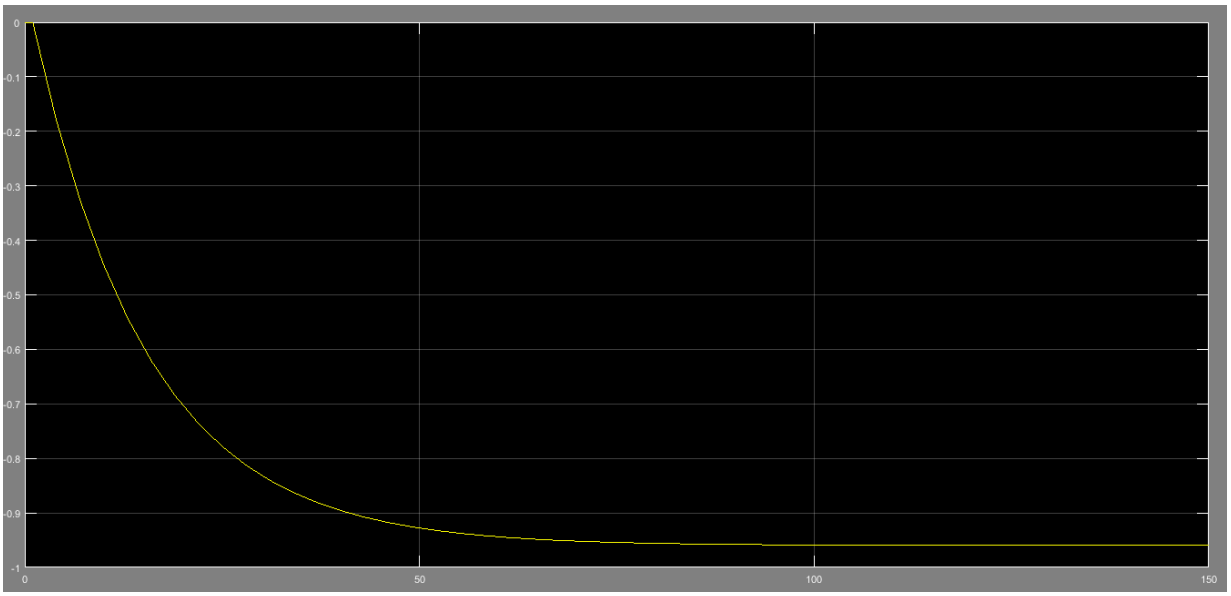
```
commandwindow clear all
clc close all
num1=12.8*exp(-1);
den1=[16.7 1];
transfmodel1=tf(num1,den1)
  num2=-18.9*exp(-3)
den2= [21 1];
transfmodel2=tf(num2,den2)
  num3=6.6*exp(-7) den3=
[10.9 1];
transfmodel3=tf(num3,den3)
  num4=-19.4*exp(-3)
den4= [14.4 1];
transfmodel4=tf(num4,den4)


Gp=[transfmodel1 transfmodel2 ; transfmodel3 transfmodel4]
```

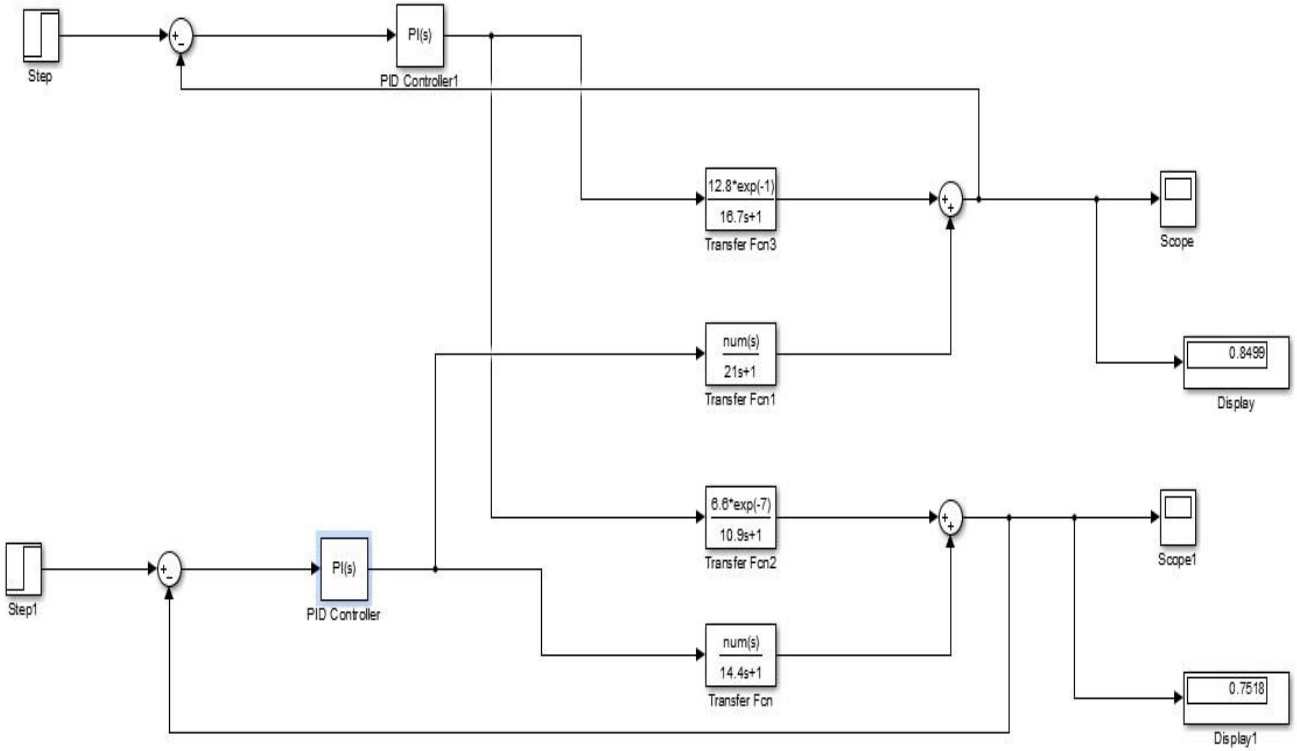
Simulink files
(Open loop)

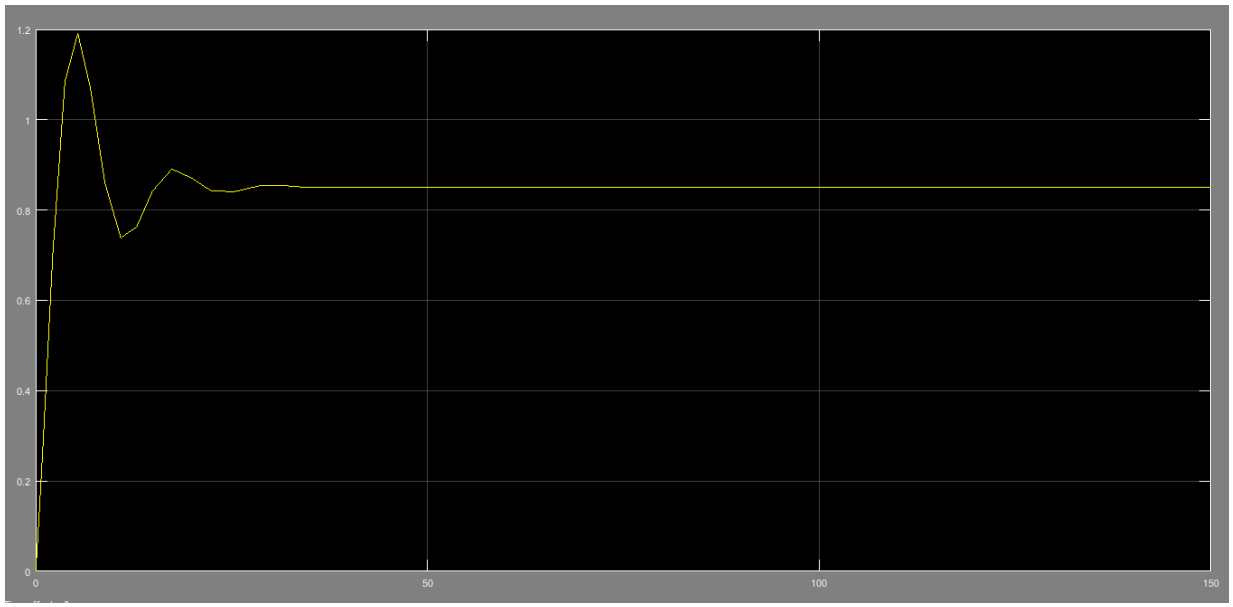


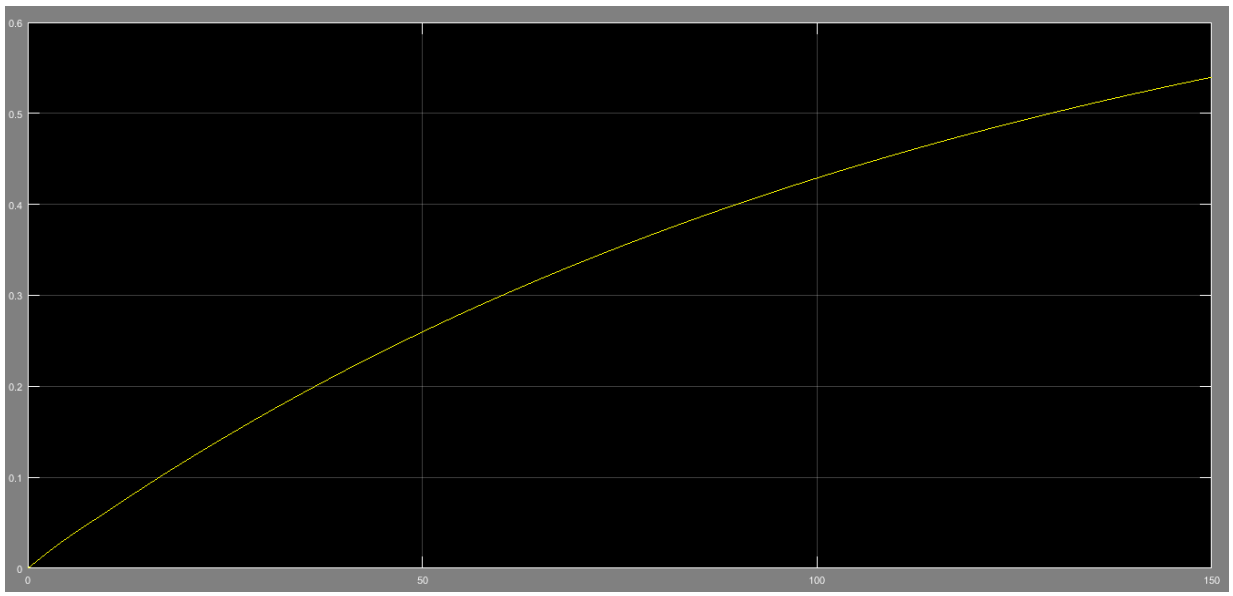

4
3.5
3
2.5
2
1.5
1
0.5
0
0
50
100
150


0
-0.1
-0.2
-0.3
-0.4
-0.5
-0.6
-0.7
-0.8
-0.9
-1
0
50
100
150

Simulink(closed loop)




1.2
1
0.8
0.6
0.4
0.2
0
0
50
100
150


0.6
0.5
0.4
0.3
0.2
0.1
0
0
50
100
150