

L. Odilon Petra I

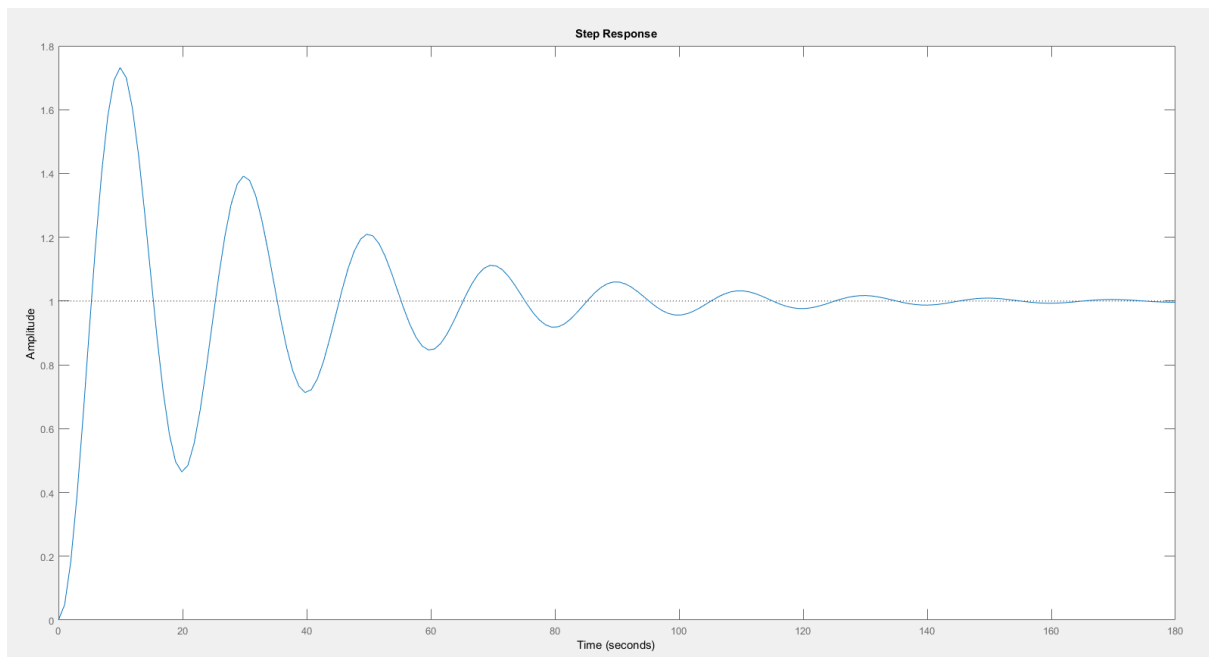
19/442378/PA/19127

Tugas Minggu 2

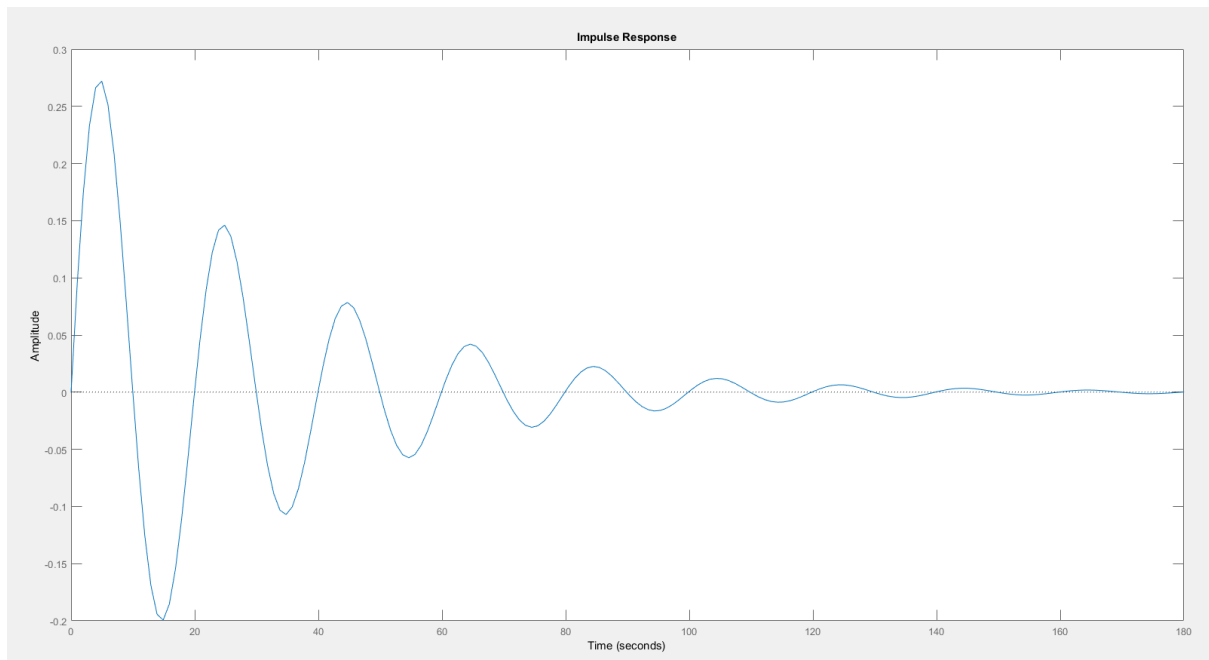
<https://github.com/dilonpetra/Sistem-Kendali.git>

```
s = tf('s');  
  
T = 10;  
  
n=1;  
den=[T T/16 1];  
G = tf(n,den);  
figure(1)  
step(G);  
figure(2)  
impz(G);  
figure(3)  
step(G/s);  
xlim([0 50]);  
  
s1 = stepinfo(G);  
disp(s1);  
[y,t]=step(G);  
sserror=(1-y(end));
```

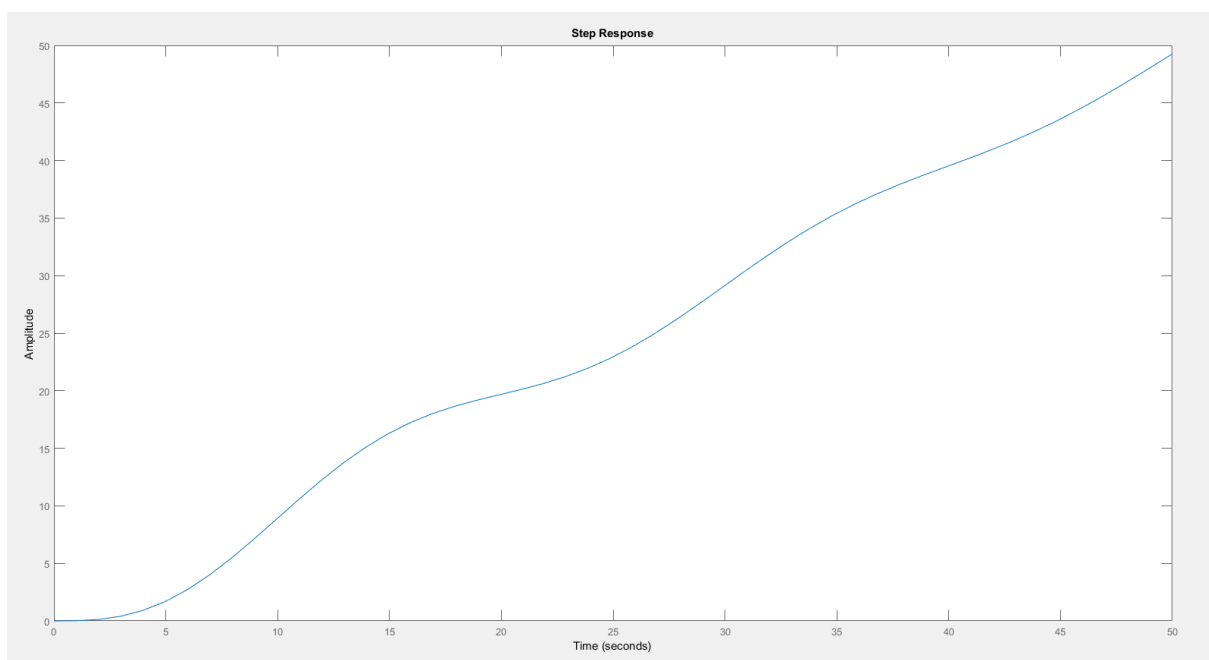
Impulse



Step



Ramp



Rise time = 3.5611 s

Settling time = 121.5668 s

Overshoot = 73.19%

Steady state error = 0.47 %