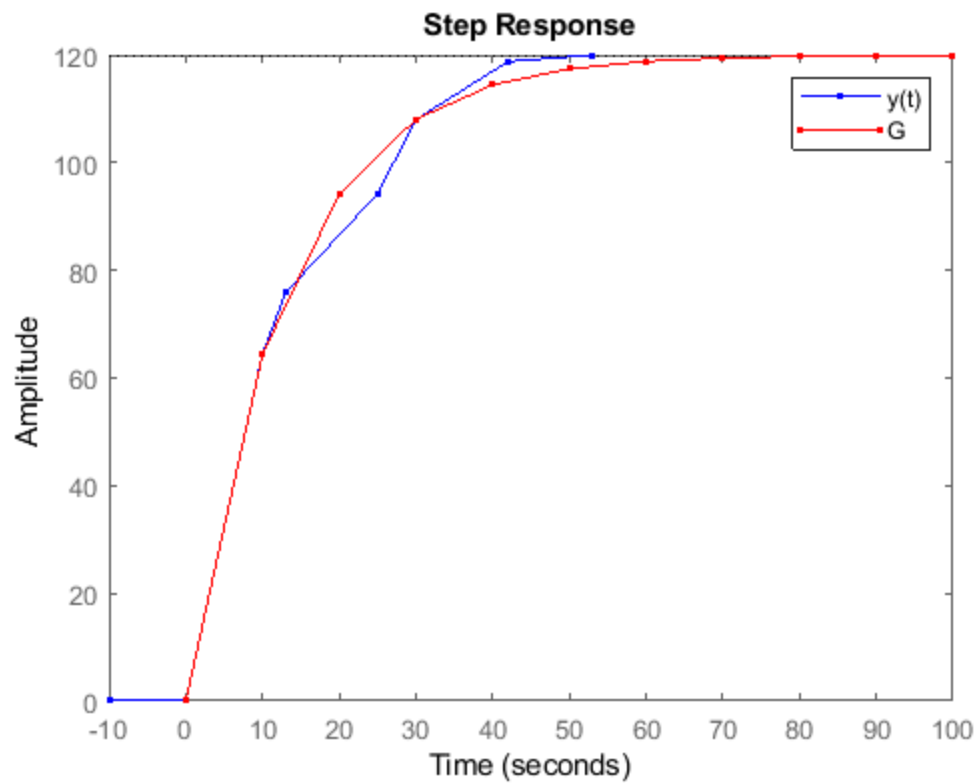


---

```
time_exp=[-10 0 10 13 25 30 42 53];
speed_exp=[0 0 64.4 75.8 94.2 108.0 118.8 120];
plot(time_exp,speed_exp,'b.-')
legend('y(t)');
xlabel('t');
hold on
G=tf(0.2146,[1 0.0769]);
T=[-10:10:100];
opt=stepDataOptions('StepAmplitude',43);
step(G,opt,T,'r.-')
```



*Published with MATLAB® R2020a*