```
%
% Control Gains
%
Kp=89;
Kd=17.9;
% Define s as Laplace Variable
s=tf('s');
% Closed loop transfer functions
T = 0.5*Kp/(s^2+(0.5*Kd+0.25)*s+0.5*Kp);
% Set options to make the figure look good
P = timeoptions;
P.Title.FontSize=14;
P.Xlabel.FontSize=14;
P.Ylabel.FontSize=14;
P.TickLabel.FontSize=12;
P.Ylim = [0 1.25];
% Set reponse
figure(1)
stepplot(T,P)
```