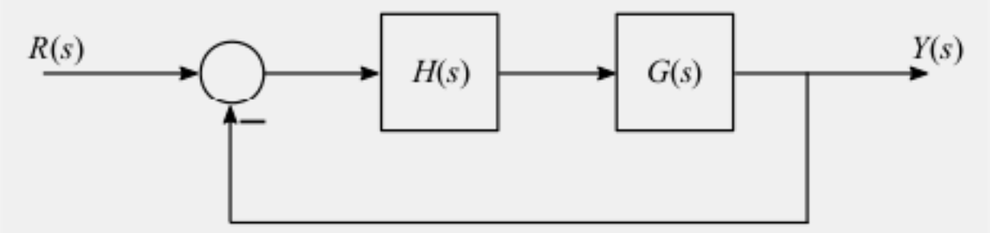
Figure 2

Analysis and Simulation of Closed Loop Systems Based on G(s)H(s)



Open Loop Transfer Function

Load Default Values

0.4

bm*s^m+.....+b1*s^1+b0

G(s)H(s)/K = ----------

1*s^3 + 1*s^2 + 1*s^1 + 0

an*s^n+.....+a1*s^1+a0

Variable Gain, K = 1.25

About G(s)H(s) Zeros-Poles Map

About Closed Loop Zeros-Poles Map

Analysis

Root Locus

Bode

Nyquist

Simulation

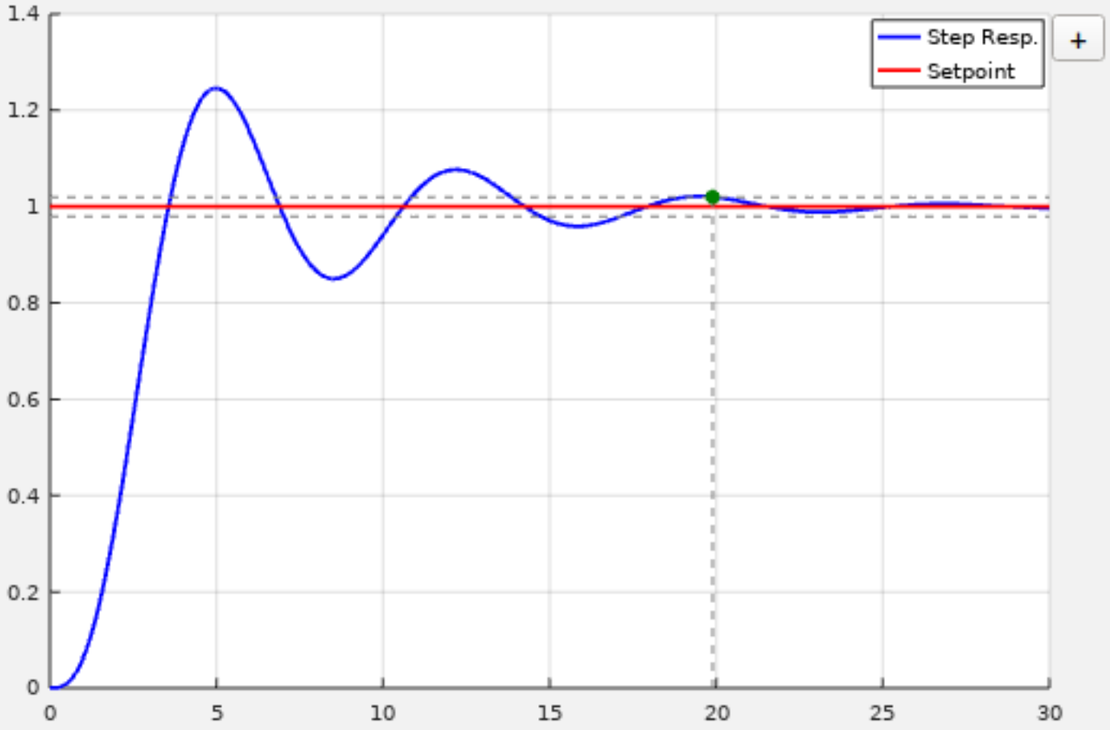
Step Response

Impulse Response

Simulation Parameters

SP Step Amplitude = 1

Simulation Time = 30



Additional Information

System: Asympt. Stable

y(inf) = 1

Settling Time. = 19.89

(Approximate)

[K*] = 0.5

[K*u] = 1

ω_{-180} = 1

GM = 2

ω_{gc} = 0.5652

PM = 50.2904

Help

Save

Close