
```

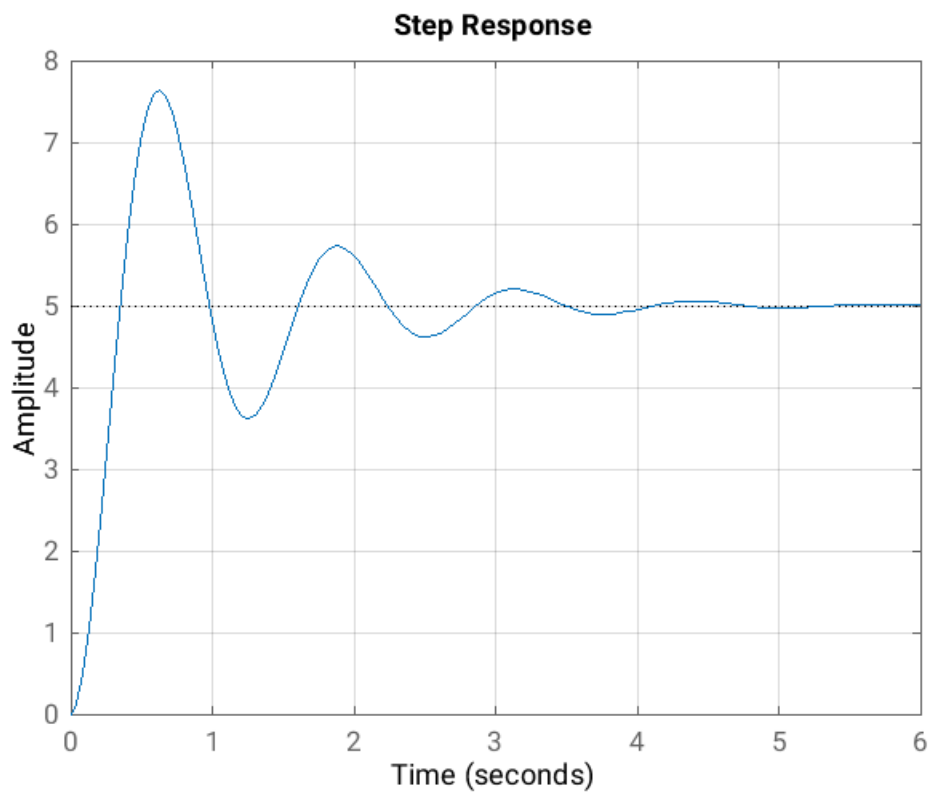
sigma=0.2;
ohm_d=5;
k=5;
ohm_n=ohm_d/sqrt(1-sigma^2);
s = tf('s');
sys = k*ohm_n^2/(s^2+2*sigma*ohm_n*s+ohm_n^2)
step(sys); grid on; grid minor;

```

```
sys =
```

$$\frac{130.2}{s^2 + 2.041 s + 26.04}$$

Continuous-time transfer function.



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