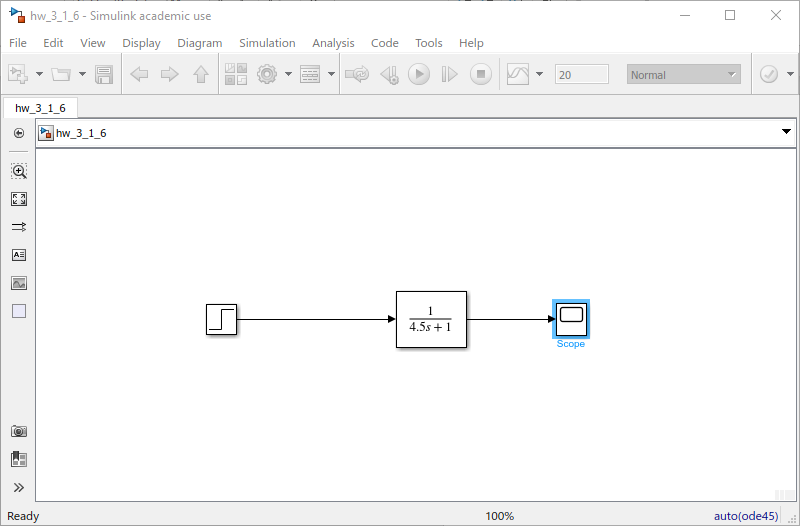
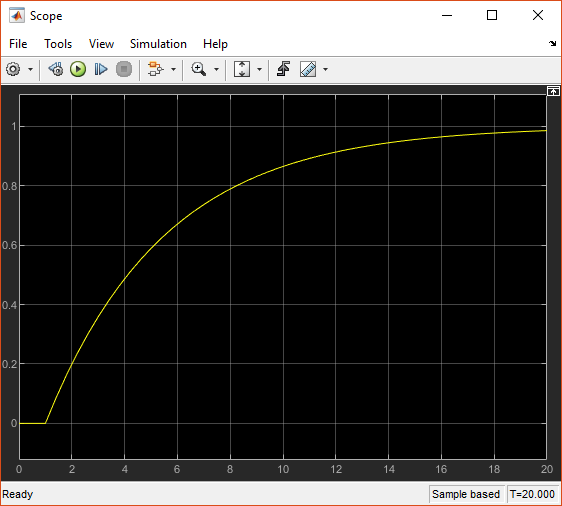
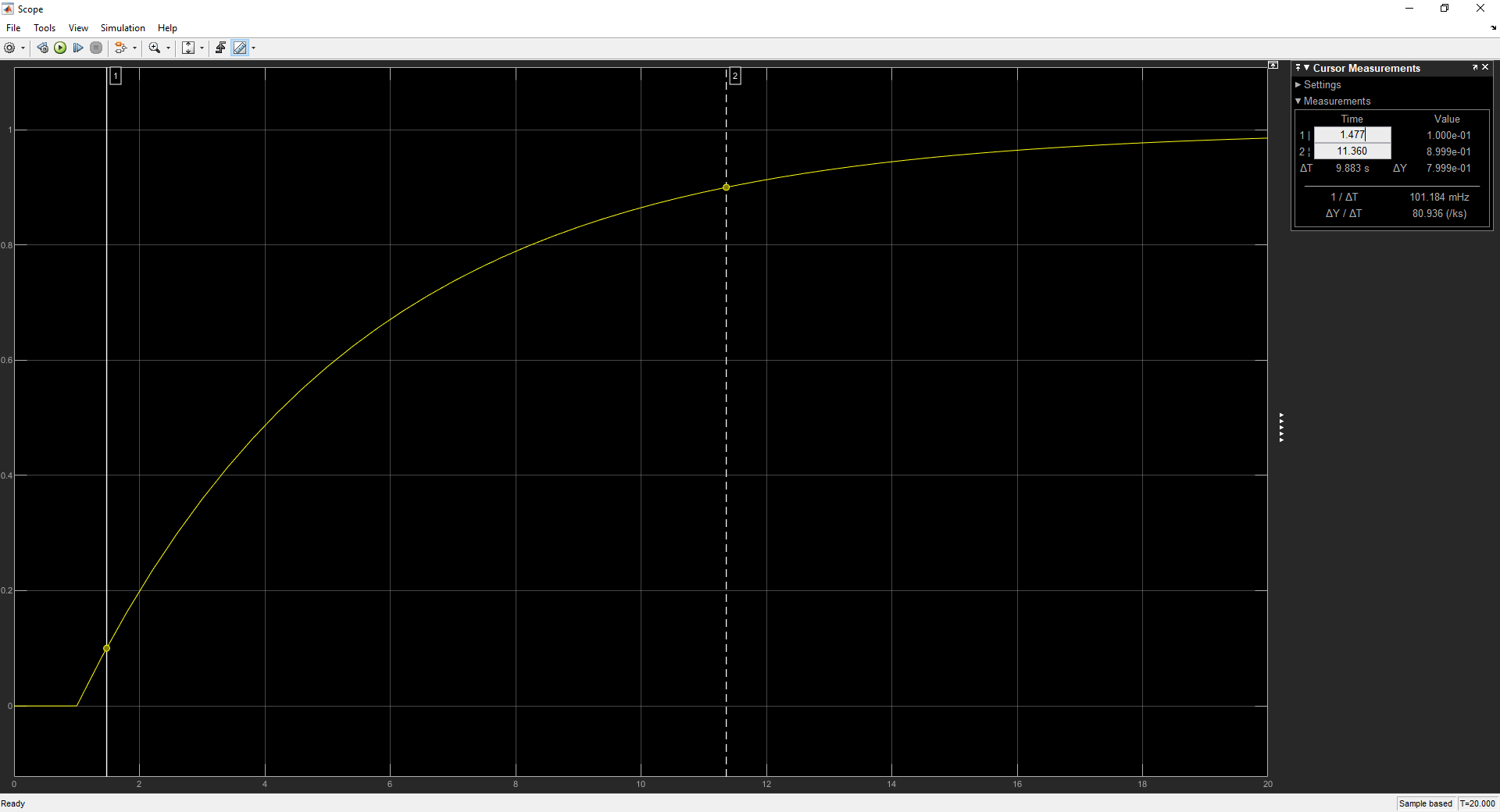
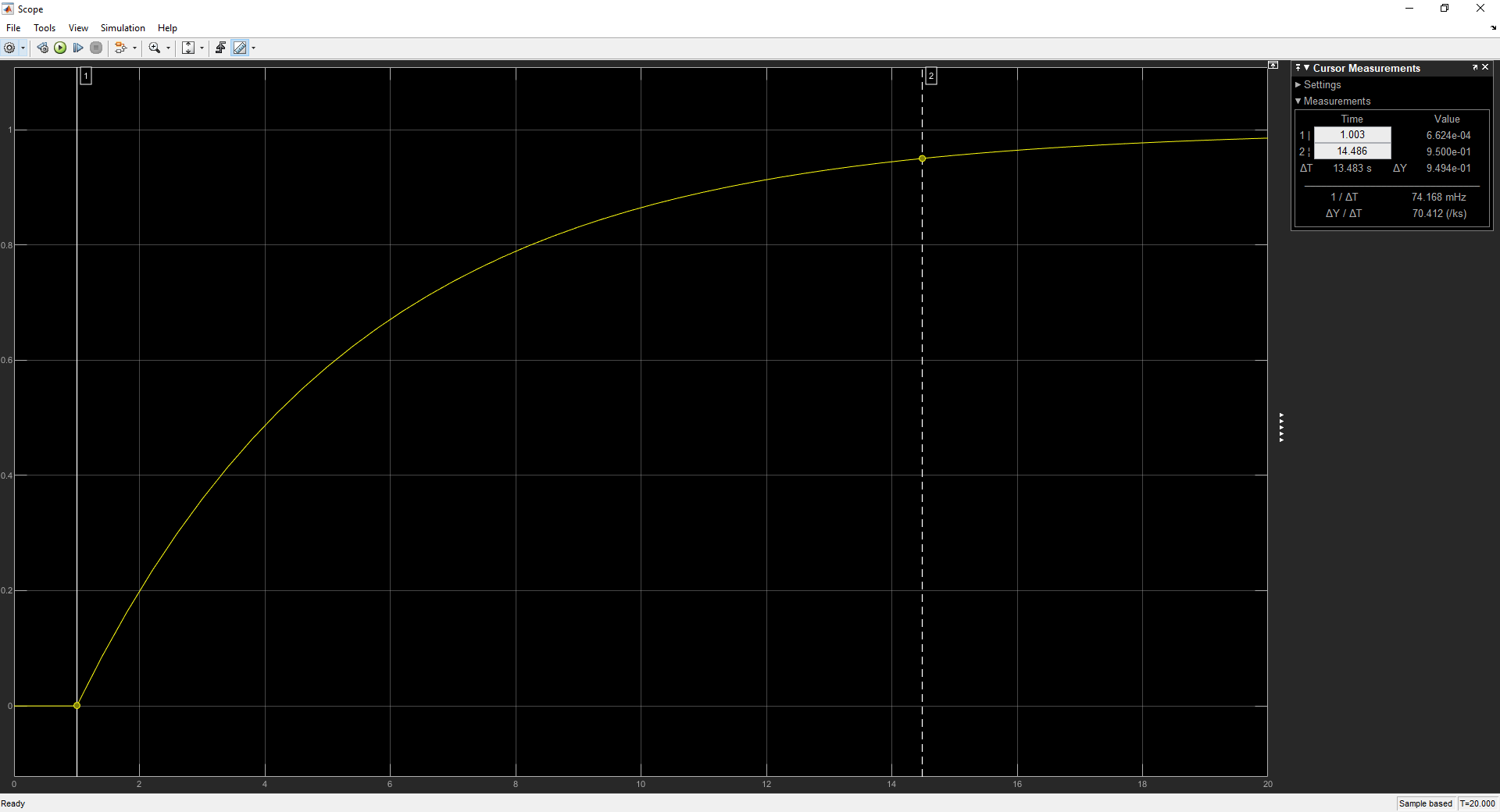
1.6

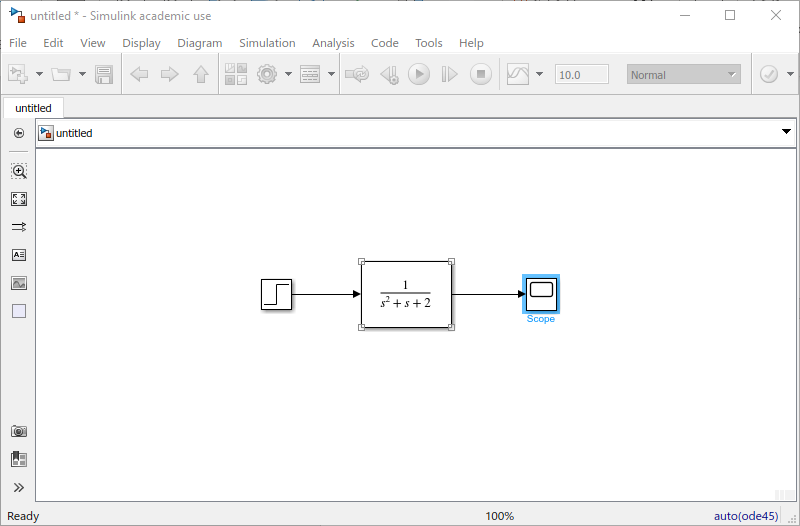


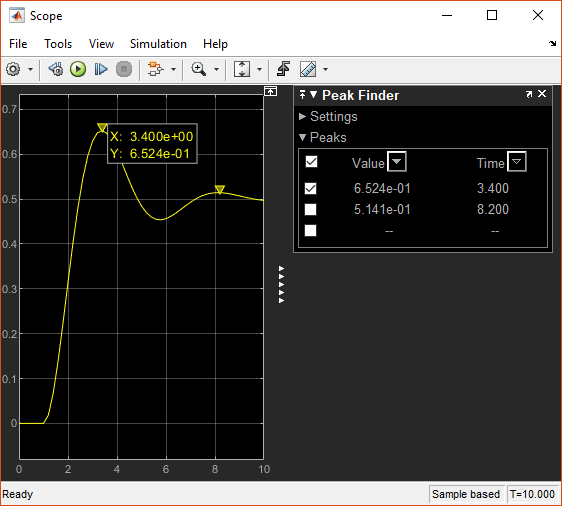






1.7





2.1

>> num = [1]

num =

1

>> den = [1 .8 1];

>> G = tf(num, den)

G =

1

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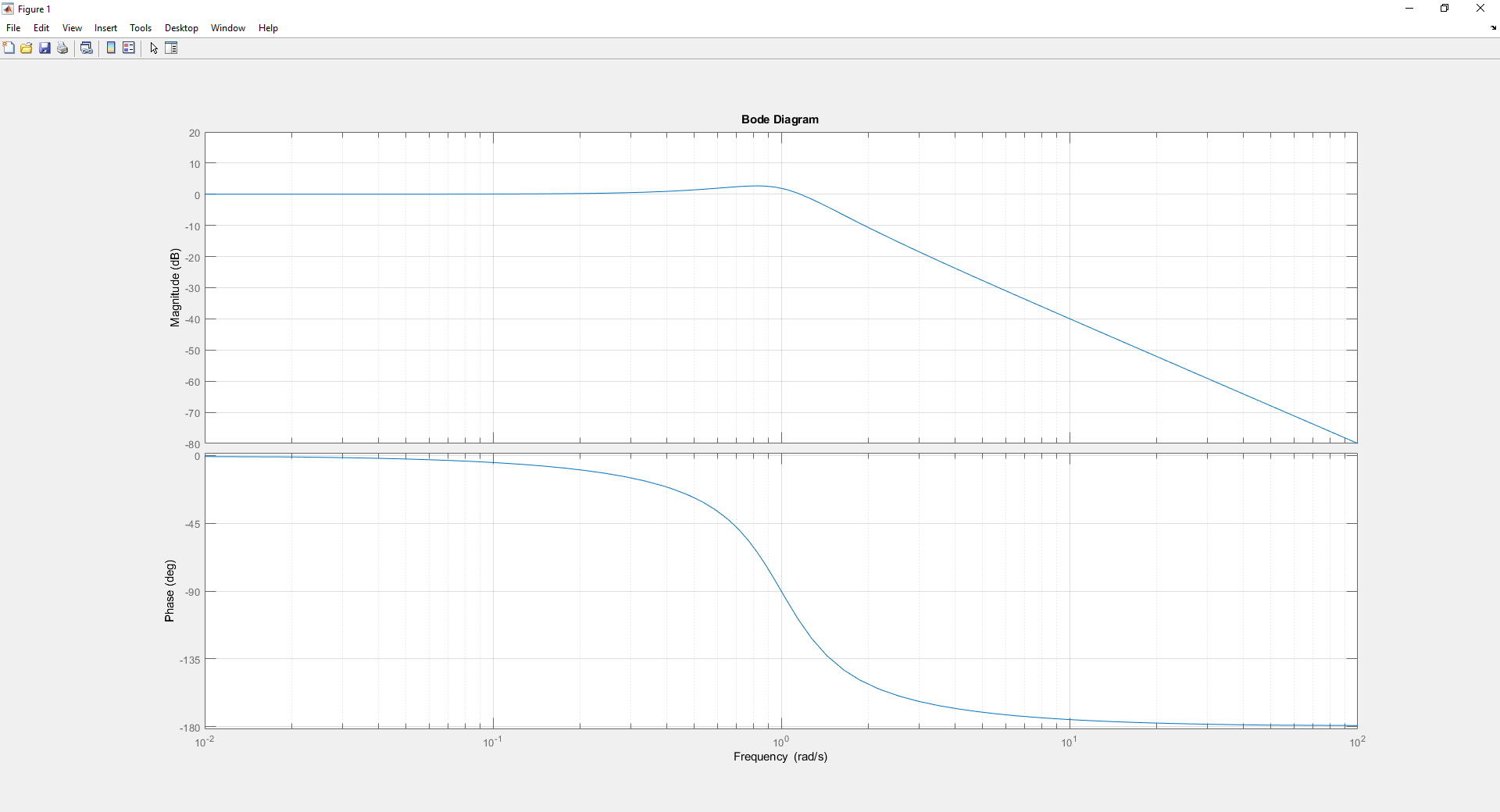
s^2 + 0.8 s + 1

Continuous-time transfer function.

>> bode(G)

>> grid

>>



>> den = [1 0.5 1];

>> G = tf(num, den)

G =

1

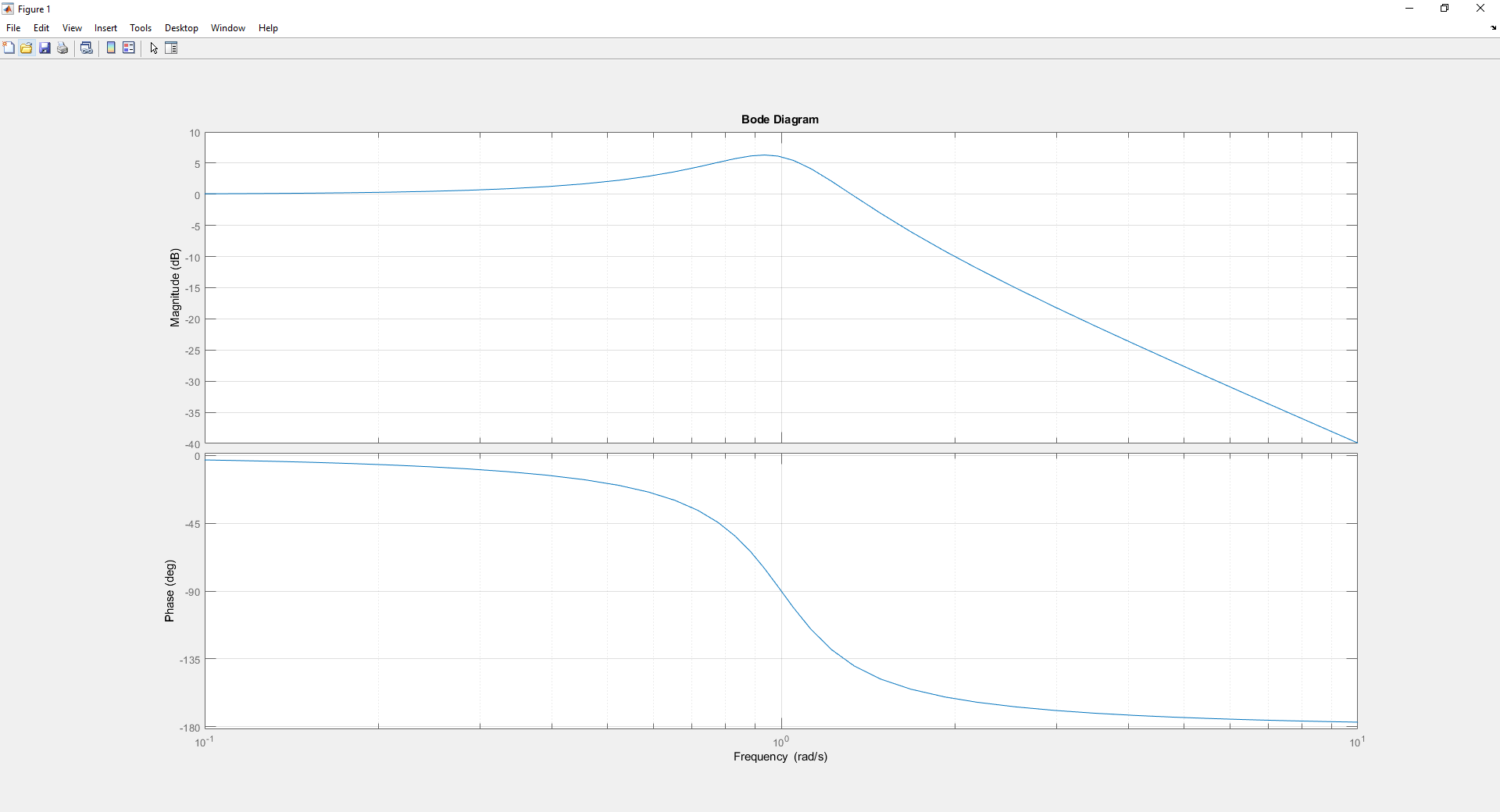
---------------

s^2 + 0.5 s + 1

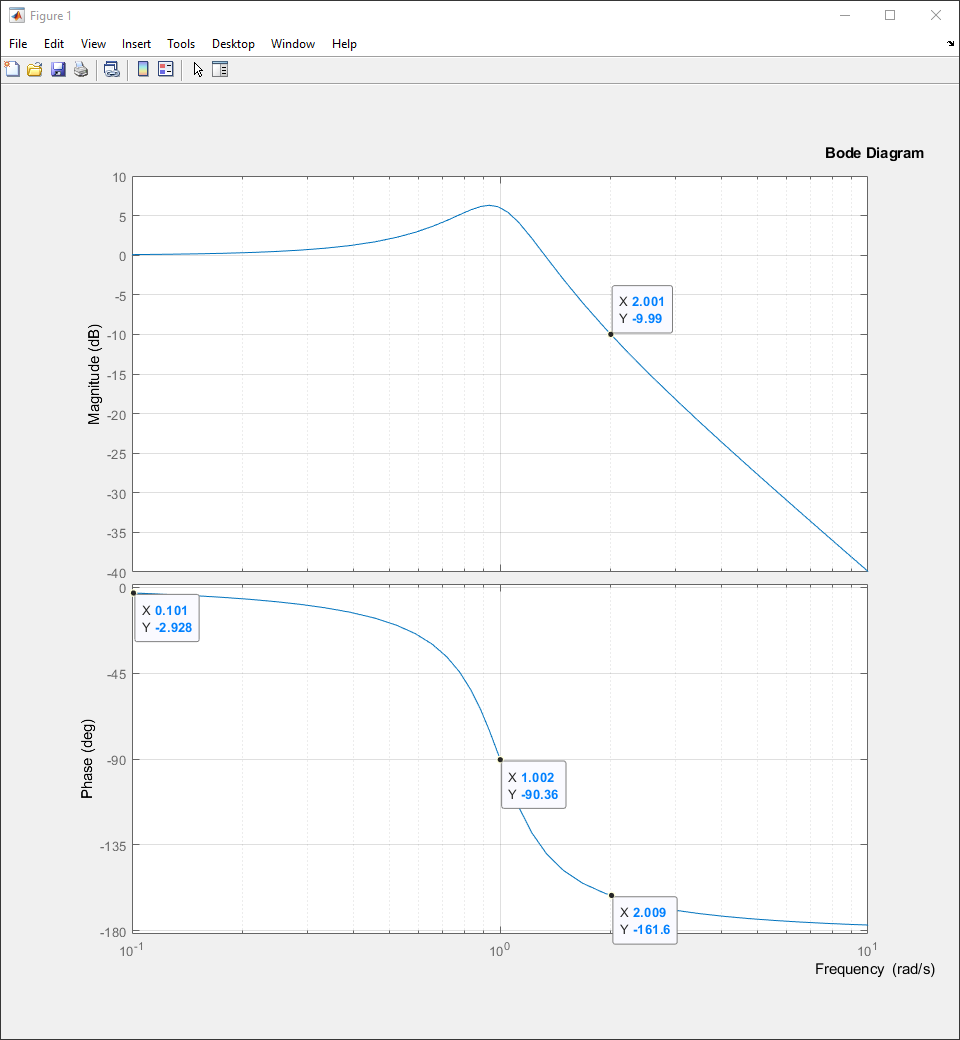
Continuous-time transfer function.

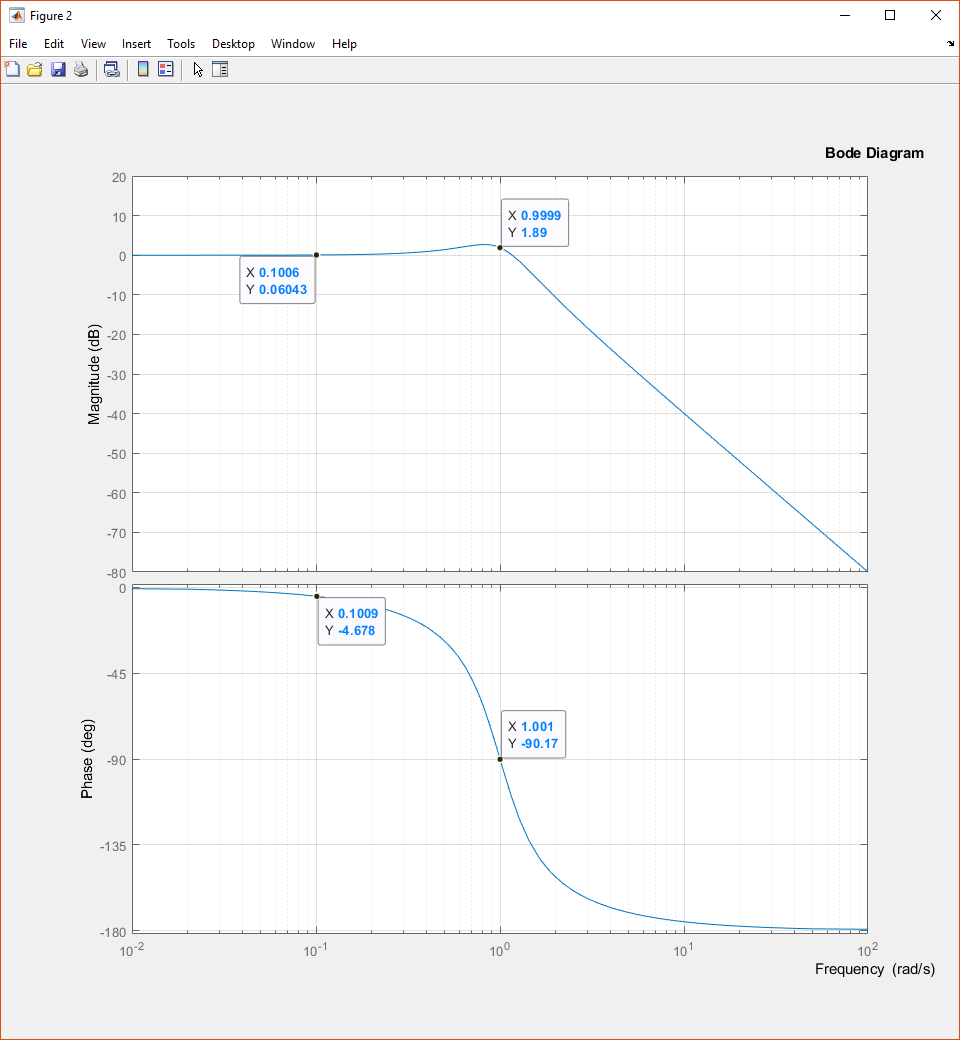
>> bode(G)

>> grid



2.3





2.5

