

```

y1: -----
      s^2 + 0.1 s + 1

Continuous-time model.
octave:27> bode(sistema, w)
octave:28> sistema = tf(den, num)

Transfer function 'sistema' from input 'u1' to output ...

y1: s^2 + 0.1 s + 1

Continuous-time model.
octave:29> bode(sistema, w)
octave:30> den = [1, 2/sqrt(2), 1]
den =

    1.0000    1.4142    1.0000

octave:31> sistema = tf(den, num)

Transfer function 'sistema' from input 'u1' to output ...

y1: s^2 + 1.414 s + 1

Continuous-time model.
octave:32> bode(sistema, w)
octave:33> den = [1, 0]
den =

    1    0

octave:34> sistema = tf(den, num)

Transfer function 'sistema' from input 'u1' to output ...

y1: s

Continuous-time model.
octave:35> bode(sistema, w)
octave:36>

```