```
№1
```

$$>> p=[1 28 1]$$

$$>> q=[28 1]$$

$$q =$$

$$28 s + 1$$

$$s^2 + 28 s + 1$$

Continuous-time transfer function.

```
-27.9642
  -0.0358
>> zero(g)
ans =
  -0.0357
>> polyval(p,-1)
ans =
   -26
N_{\underline{0}}2
>> W1=tf([1],[28 1])
W1 =
     1
  28 s + 1
Continuous-time transfer function.
>> W2=tf([1 28],[28 3])
W2 =
  s + 28
```

$$28 s + 3$$

Continuous-time transfer function.

>> Wr=series(W1,W2)

Wr =

Continuous-time transfer function.

>> Wz=feedback(Wr,1)

Wz =

Continuous-time transfer function.

>> step(Wz)

