Contents

initial

```
Ts=1/(8*10e4);
K=3125;
```

filter constants

```
[C1,C2] = loopFilter(Ts,K)
temp=C1-C2;
b=[C1,temp];
b=double(b);
a=[1,-1];
```

```
C1 =

0.69162618070690322353927003306359


C2 =

0.00093329260046152744940488577680821


C1 =

0.69162618070690322353927003306359


C2 =

0.00093329260046152744940488577680821
```
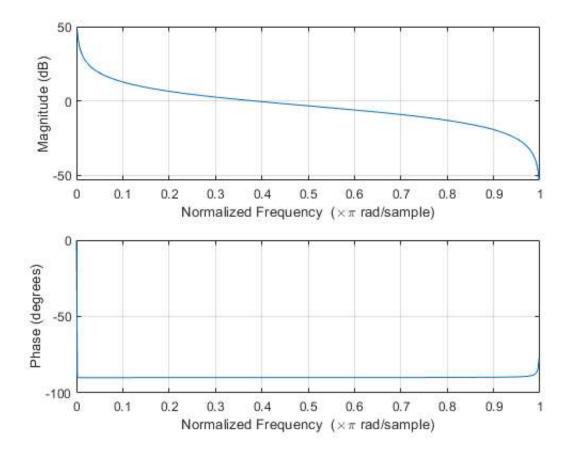
plot

```
freqz(b,a);
```