

%% frequency response of open loop
transfer function

```
num=[987];
```

```
den=[1 6.283 987];
```

```
G=tf(num,den)
```

```
figure(1);
```

```
bode(G);grid;
```

%% frequency response of closed loop
transfer function

```
TF=feedback(G,-1);
```

```
figure(2);
```

```
bode(TF);grid;
```



