

EZEIRUAKU CHUKWUKA
14/ENG01/019
CHEMICAL ENGINEERING
ASSIGNMENT V

```
commandwindow
clear
clc
close all
format bank
s=tf('s')
Gp=(3/((s+1)*(2*s+1)*(3*s+1)))
rlocus(Gp,[0:0.0001:3])
shg
[Ps,Kc]=rlocus(Gp,[0:0.0001:3]);
[Kc' Ps']
```

%It can be concluded that the system is stable for Kc
values of 0-3 as all
%pole values are negative

