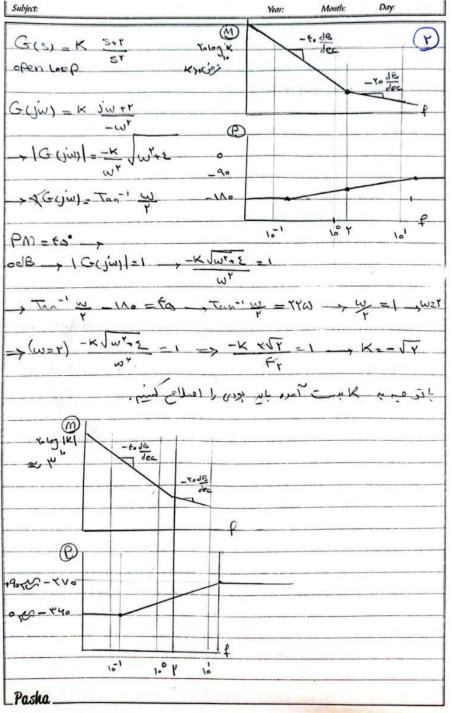
بسير والله الرحم والله الرحم والله الرحم والله الرحم والله و

تكاليف سرى پنجم كنترل خطى

یاسمین خورشیدی ۴۰۱۱۷۹۶۳ ما ۱۹ دی ۱۳۰۳

clei dies pla cris tellingh Consover Year: Month Ky · Cie: Kg Yolox odes 4GM **(P)** -> KT (90 -40 1G(jw) = K √6(jω)= 0-WT-(Tan-1 ω)=-(90+ωT)



```
clear all; close all; clc;

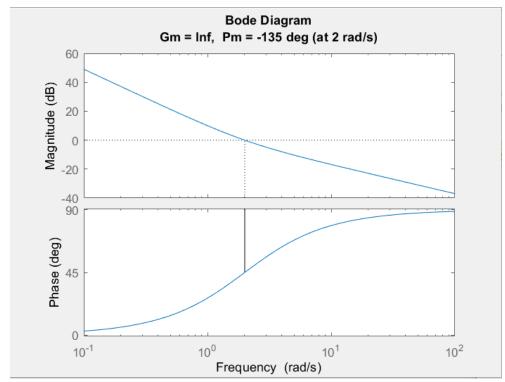
s=zpk('s');

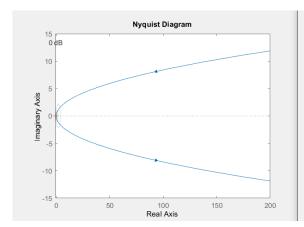
%%

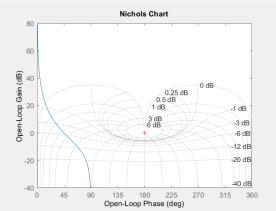
g= -sqrt(2)*(s+2)/(s^2)

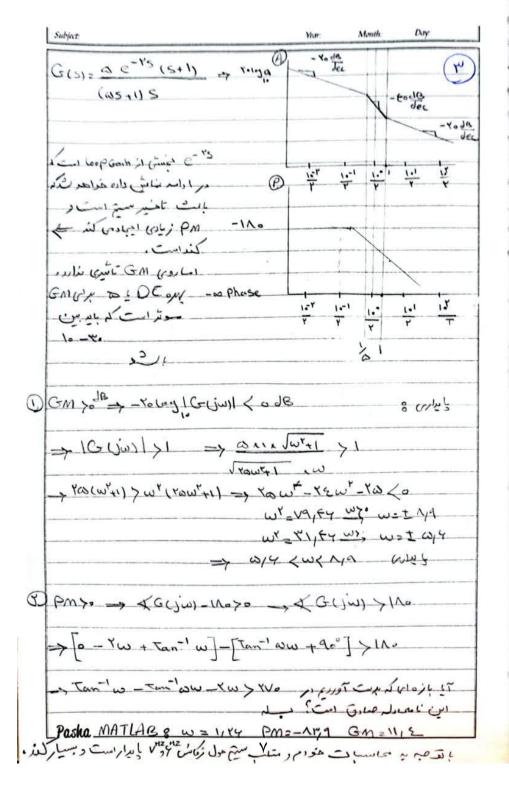
%%

figure
bode(g)
grid on;
margin(g)
figure
nyquist(g)
grid on;
figure
nichols(g)
grid on;
hold on;
```









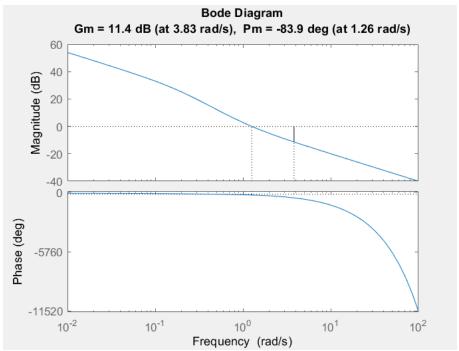
```
clear all; close all; clc;

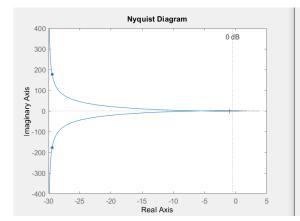
s=zpk('s');

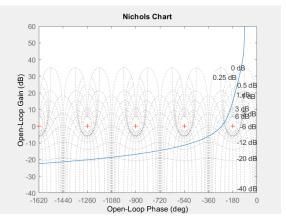
%%

g= 5*exp(-2*s)*(s+1)/((5*s+1)*s)

%%
figure
bode(g)
grid on;
margin(g)
figure
nyquist(g)
grid on;
figure
nichols(g)
grid on;
hold on;
```







Subject:			Year:	Month:	Day:
Gijus tar					(+
-w+a++	,wj				
100jus1 = Fat					
	w) + fr				
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=> 14 a = (a'-	w *) * + 4	(ar-ur) -		W	م المسدوا ه
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PM = 40°	-			— (,,)	سريخو ماير د
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V-141-	1			3 mzinf	بببب
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```
clear all; close all; clc;

s=zpk('s');
for a=0.1:1:10

%%

g= 4*(a^2)/((s+a)^2)

%%
figure
bode(g)
grid on;
margin(g)
end
```

