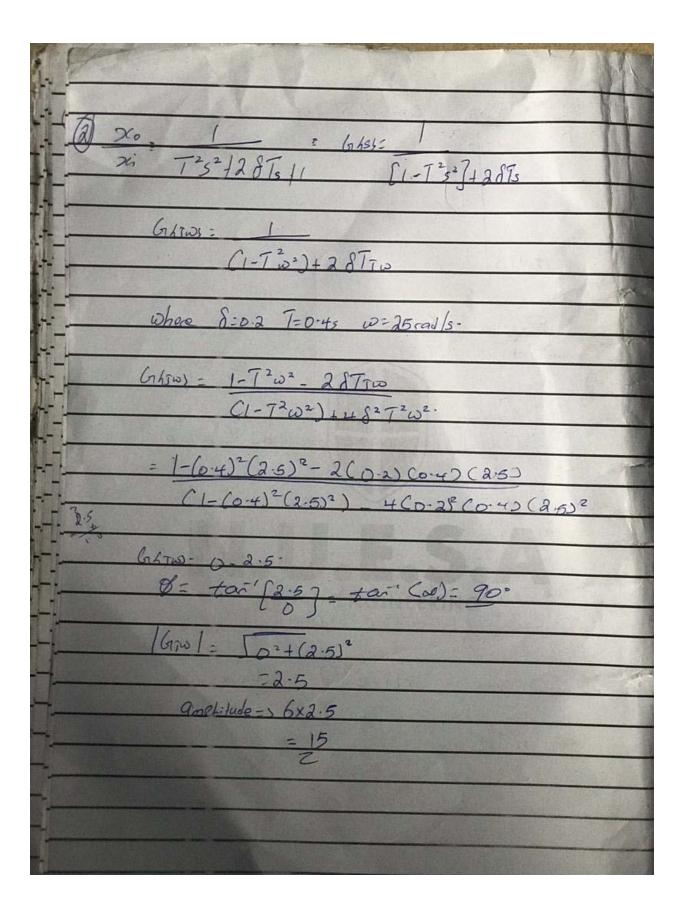
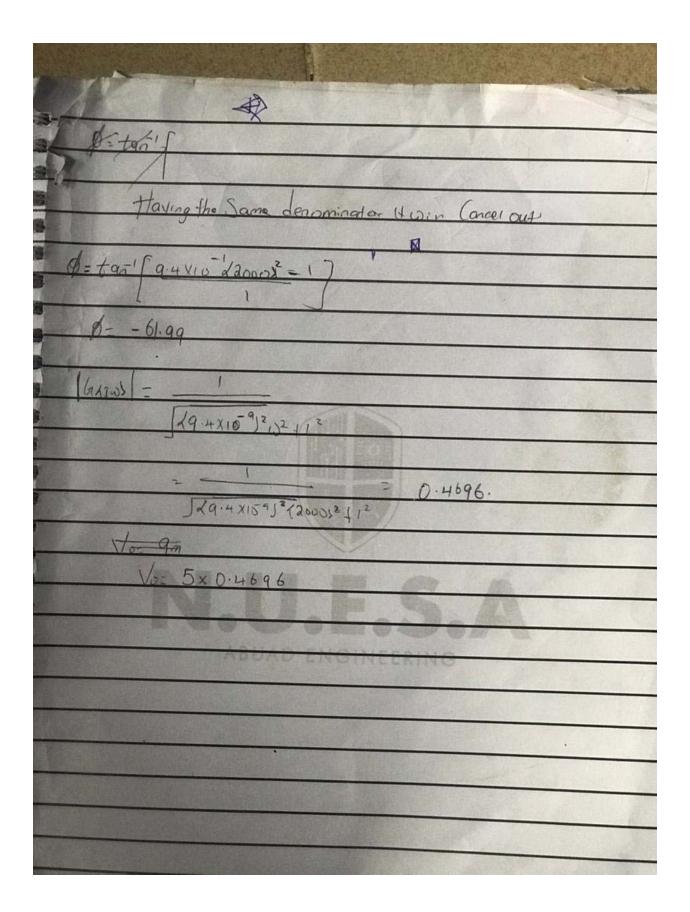
System Response
To y d
Spang => Kcx-0)
Flanger => 14d d(x-0)
fc+s => fc+s
Hestops f(+)-12(20-0)-14d 1(200-0) dt
0=fc+>-112c-112dx
- f(5) - KOCOO - Kds rxs) = 0
faz = [1x+1xds]xcs>
G(5) - x(5) - [
FCOD K+14ds
es //x
-1+[14/k]s

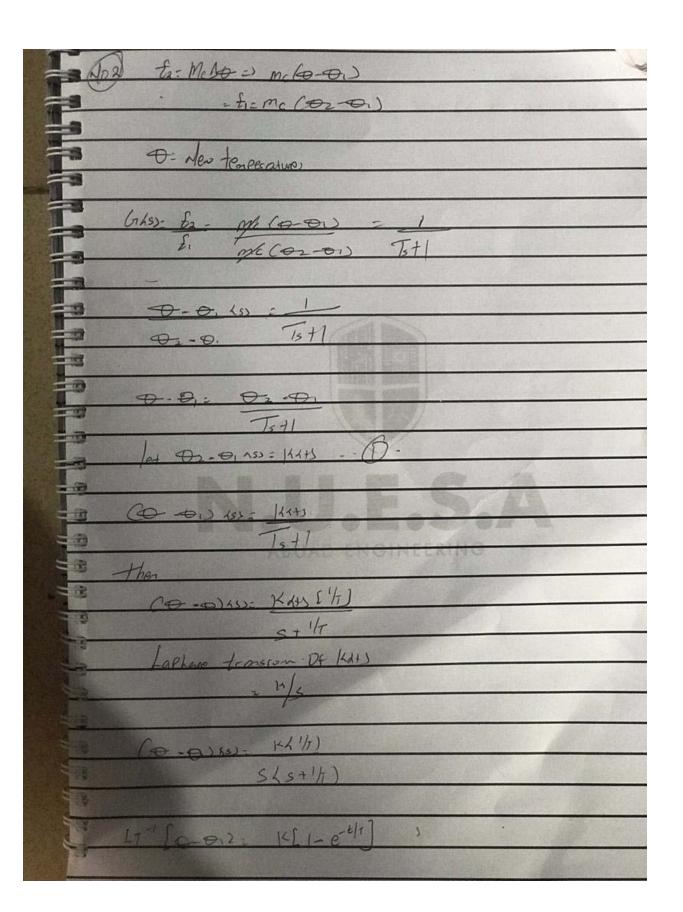
	at the second section
(A) Do (s) = 1	
⊕; 3 ₅ +1	
3s+1	
DOX5) = C	
52635+1)	
DONES = Of- C/3	
525 8+1/3]	
+	
- Oher t is hose	
Douts- C[t-3his]	
Oouts = Ct -3c	
- De: Do a Ct.	
De: 03-00: Ct - (1+-36) = 36	
4-	
T=3 C= 4 mm/s	
4- 9fte 2 seconds	13/13/19
D:= HX2=8mm.	
De: CX3 - Hmn x3= 12mm at Steady State	

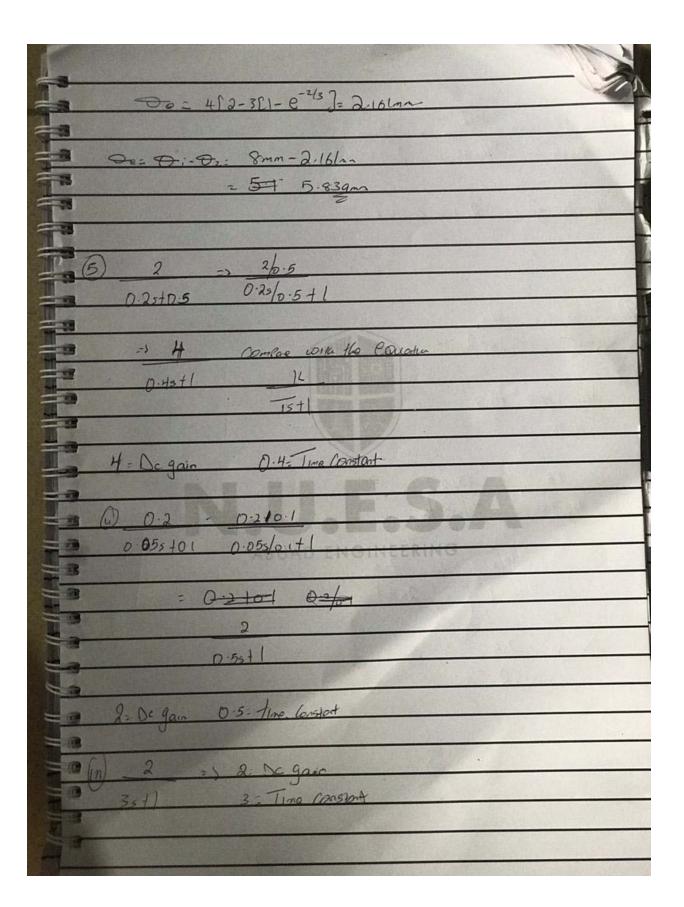
W-
W. D 11 161
10 16 -> 16/4 = 4
85+4 8/45+1 25+1
H= No gain 2: Time Construe
1 6) 10 cs - Jhn
Tmst2
1 Kn: 1751 155'
I TM: 4
1 = 15 15/2
45+2 45/2+2/2
1212 2/87 /2
iel 2
- 15/2 + 7.5
- 45/2+1 25+1
- Dr 900 75
Time language 25

T-RC R=470 (= 204F Vi: 58in (2000t) (Vo) (0 = 1 T= 47720×106 Ts+1 =9.4x10-9 Recain Color = Colow) Ts+1 66805= 1 9.4x159w+ C1690--1 x 9.4x18930 -1 9.4x1535+1 9.4x159jw-1 61321: X/ 9.4×159) G1101 = 9.4×15930 -1 L94X10-952 W2-1 GAJOS = -1 + 9.4 × 15970 [94x154]2w2-1 (94x154)2w2-1 where we doovradle









	1
3 b 1	
Mnx 75+1	
T=1/16 Km= Kull2	
143	
10= Km2.	
Tst1	
Laphace transform of the Step Input	
= w= Kmx [1] s [15+1]	
s [15+1]	
1km x [1/T] S [5+1/T]	
S Ls+' T	
1 (D(s) => Km= [1-e-t/]	
at t=0 1/moe S1-e=7= Initial	
3 at t=T 1hm > [1-e-14]= 13.63 1hm x	
T +T a+ t= 4T = Km > [1-e-4T/x]-	
0-98/ Hazer	
a For t:T	
1 A1/0 = [0.632-0] × 100% = 63.24	
3 + 47	
1 0% = [0.981-0]x 0090 = 98.190	C PART N
	#

Sys No. Complet	tem Response 1
F=1(x)	
- K185-	1 = 1/1x
F	KJS+16 CH3/40s+1
	Ts+1 4000 = 7.5×16 Soconds. 7.5 Ms
	F(K) [1-e-17)=
	00/4000) (1-e')- U. U/5m

