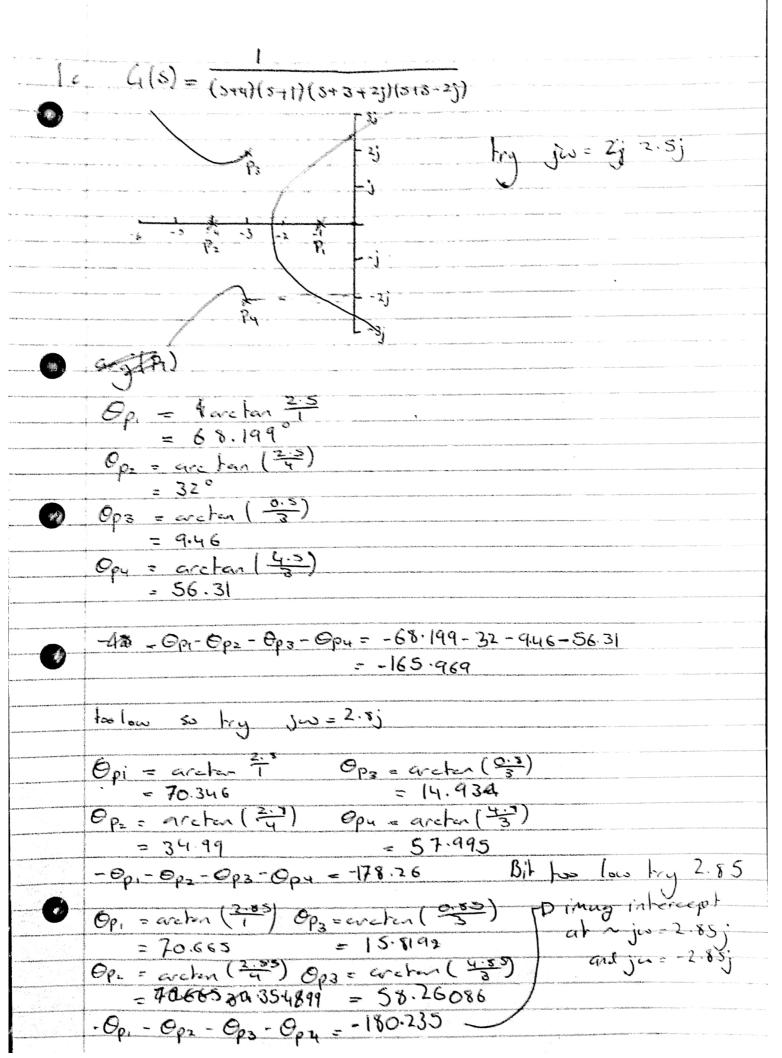
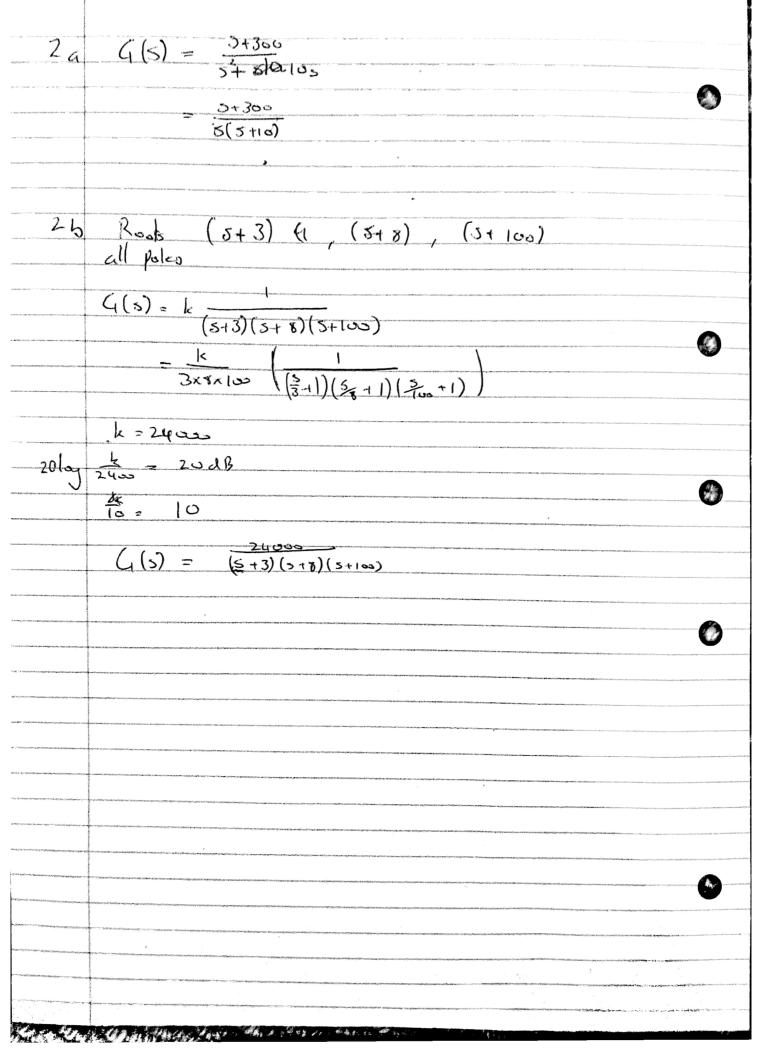


401	(1) 52 +105-24 (5+6) (5+4)						
1 kg/	$0 \zeta(5) = \frac{5^2 + 105 + 24}{5^2 + 3s + 2} = \frac{(5+6)(5+4)}{(5+2)(5+1)}$						
	$k = \frac{-1}{G(5)}$						
	$=\frac{-1}{G(o)}$						
dk d (== -02-30-2) To To (\$02+100+24)							
	$= (-20-3)(0^{2}+100+24)+(0^{2}+300+2)(62^{2}+10)$ $= (-20-3)(0^{2}+100+24)+(0^{2}+300+2)(62^{2}+10)$						
	ignore denominator						
	= -263-2002-480-302-300-7720 + 263+602+40+1002300						
	= (-20+6+1-3+10)02+(-47-30+4+30)0+(-72+20)						
	= -70 ² + -440 - 52						
	70-2+440+52=0						
	$(40+1.577)(0+4.707)=0$ $(0(1)^{\frac{22+2\sqrt{33}}{7}})(0+\frac{2^{2}-2\sqrt{33}}{7})=0$						
	-1 -6 -5 -4 -3 -2 -1						
	Zeros.						





20	System is type I as phase starts at -90°
	\mathcal{L}
	22E
	Step in put! 0 2316.23 : SSE=316.23 = 3.16×10
	/ Manp Input. "KV where key = 281.74 for
	parabolic input: 00
	See affached graph
	J'ap
_	

				Drado/s
2e	((5) = <u>2000</u> S(5+10)(5+10)	On	huggers	at ~ Boradofs
and the second s	5(5+159(5+10)		41	
	= 2064			
	CHOS(5 +1) (5+41)			
•	130	5115		
	at the	8+150		
	end compensator =			
		· · · · · · · · · · · · · · · · · · ·		
		4-14-14-14-14-14-14-14-14-14-14-14-14-14		
444				
