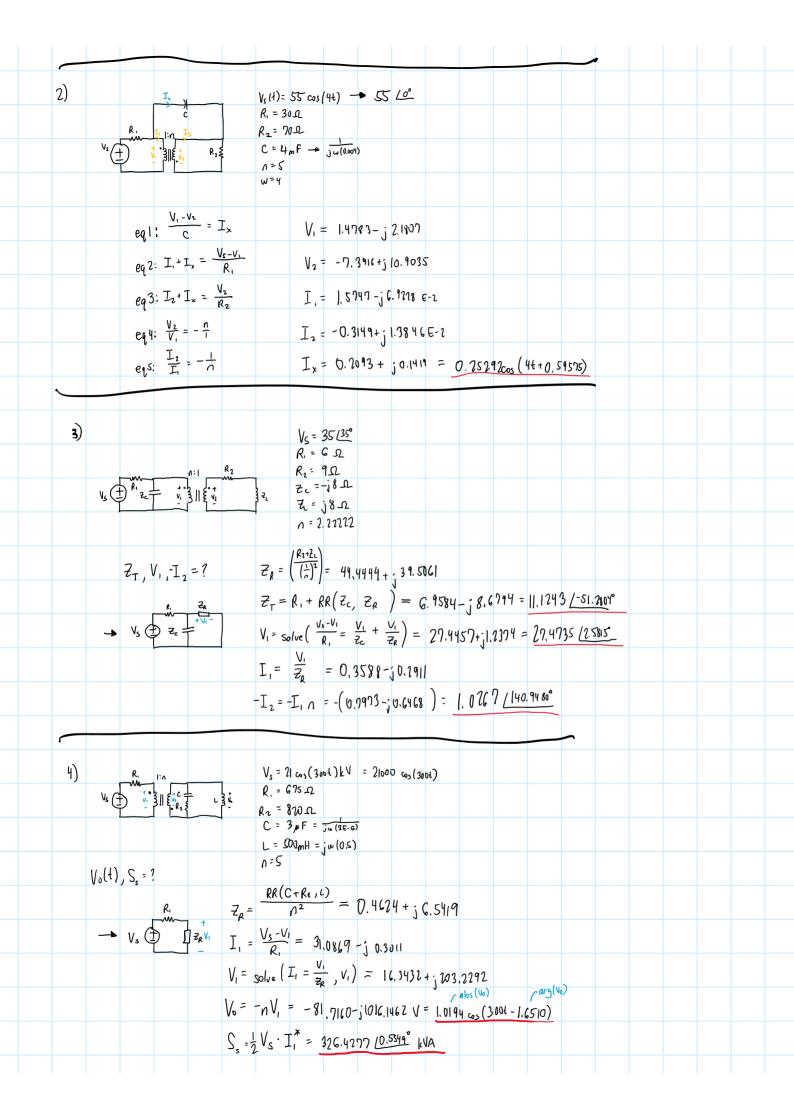
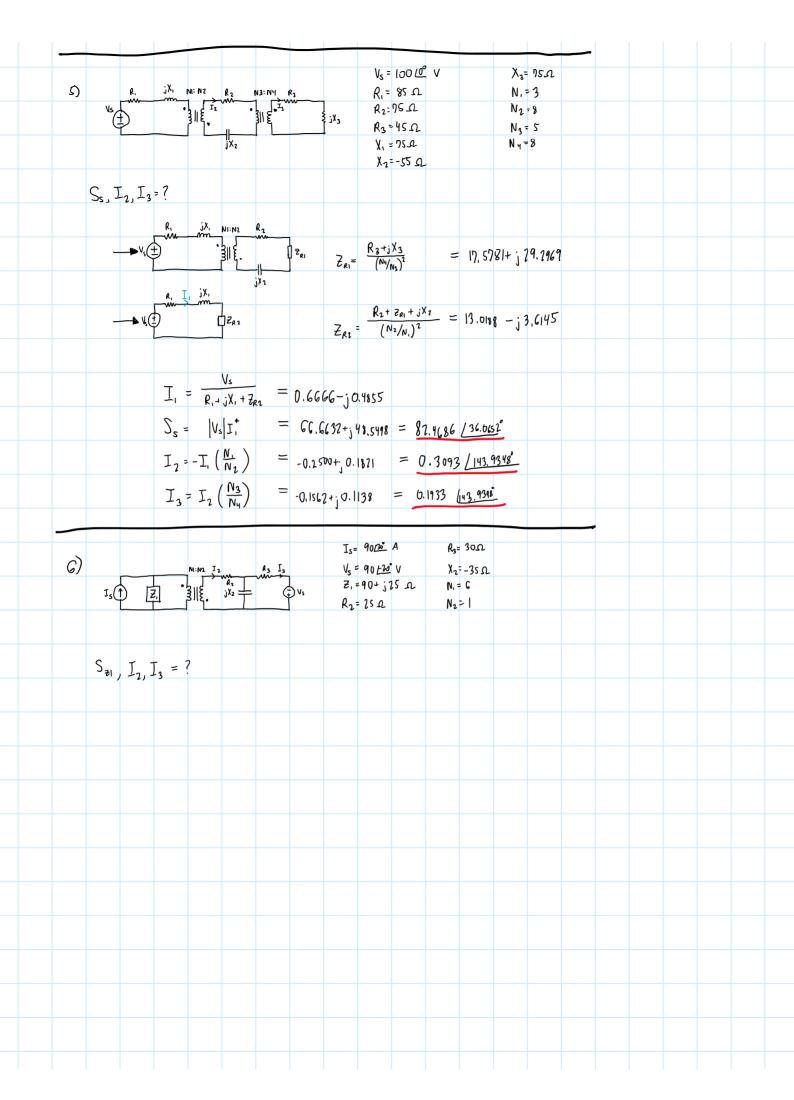
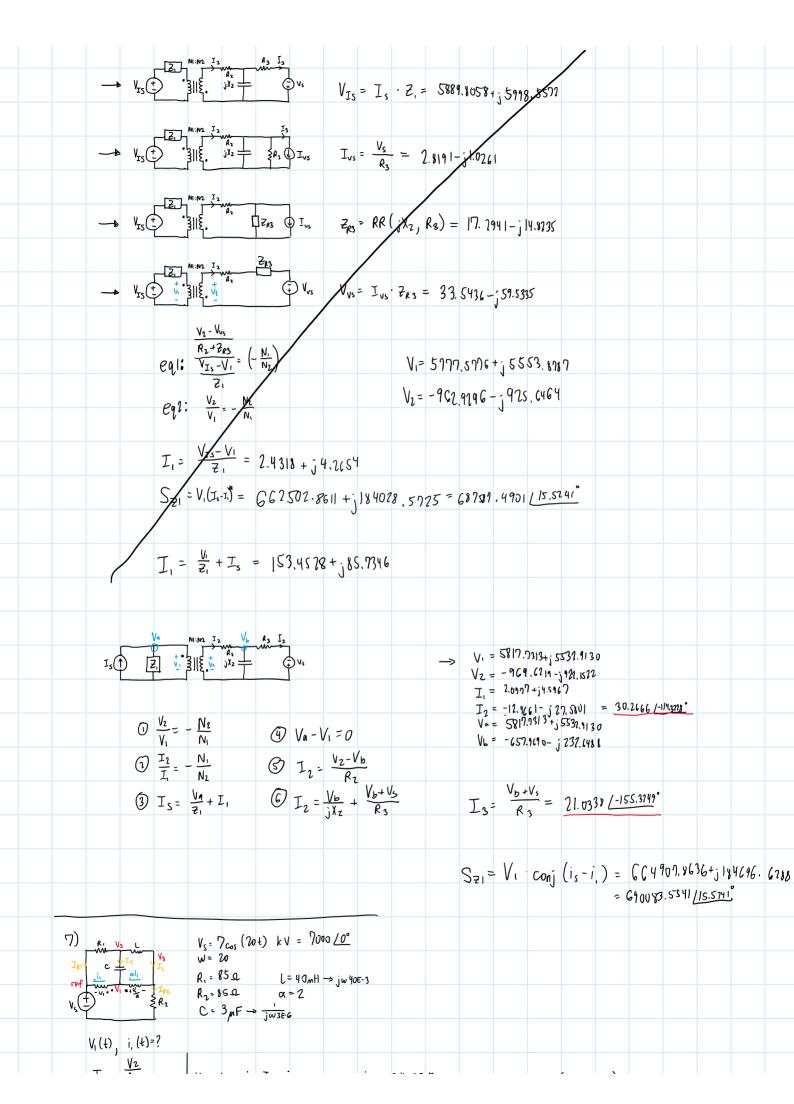
	ASN3											
	Monday, Janu	uary 22, 2024	9:02 AM									
		•										
ı)	0	ı: a Iı	V - 9018	v								
	k	311 8 1 80	Vs= 90 Ld R1 = 89 D R2 = 44 D	V								
	"(1) "	311 € 12 3 %	R2=44Ω									
		_										
			Max power									
		R,	R2 02									
		V <sub>3</sub> (±)	Rz n²	0 =	Rz	-> a = 0	2031					
		<u> </u>		P <sub>t</sub>	ړ ۲	- N O						
	J D	; V <sub>2</sub> ,I <sub>2</sub>	= 7									
	₩ N=1	12 ر 12 ر	·		-71/5							
		n¹ R,	<b>β</b> <sub>2</sub>	I,=	$n^2R_1+R$	= =	- 0.1430					
		-7 Vs (†)	Y <sub>2</sub>	V = c	آ) مهاه	-7Vs-	$\left(\frac{V_1}{V_1}\right) =$	-6 292	. 8			
				-2 3	·	r ii k	(1 )					
	c) R <sub>1</sub> =	680; V2,	I2 = ?									
	,,	, ,,	Ĭ,		Vs-V1	_ = T						
				eq1:	R,	TI	V.					
		Rution	I	eq 2:	R <sub>3</sub>	+ I2=	V2 R2					
	Vs (-	+) v. 311 E v.	₹ R <sub>2</sub>	a.	V2 =	~ <u>ù</u>						
				eq3:	V, -	1						
				eq4:	<u>↓</u> =	-7						
	-	V, = -4.4			,							
		V2 = 31.30	cs A									
		I = 1.061	S A									
		$\overline{L}_{i} = -0.1$										
		-z - U.1	016 17									
	d) V <sub>2,</sub>	T = 2										
	VV V 2,	± 2 · (										
		R3 R, J, I: 0	Ta	005.	<u>V</u> 1 =	<u> </u>						
	V. (		<del>-    </del>	eq5: eqG:	V,	,						
	15 (	*! 311 E V:	} K1	eq G:	<del>-1</del> =	<u>,</u>						
	V. =	5.5682 V		I, =	(). 94°	8'/ A						
	V2 =	38.9776 √		I2 =	0.1355	A						
	1		•									







V' (f)	j. (+)=	?															
I <sub>0</sub> ,=	$  \frac{V_2}{R_1}  $ $= \frac{V_3 - V_3}{R_1}$ $= \frac{V_2 - V_2}{R_2}$ $= \frac{V_2 - V_2}{R_1}$		KCI	: αi-	· Ic=i		j, = -	2.42 <b>9</b> 7	E-3-:0	210N <del>-</del>	210.0	ر <b>د</b> ع (69	(Wt1.9	J92)			
T	<u>V3-</u>	(-Vs)	KCr 7	: I <sub>R1</sub> +	Ic+Iu	=0	V, =	-7000.61	36 - j 18	= 2180.	7000.67	198 cos (	20t-3	13 94)			
- R2	Γ <i>γ</i>	₹2 .√.	KCL 3	: IL=	01,+ I	12	V <sub>2</sub> =	-3499,89 3500 2	17+j25	3979							
$I_c$	V 2-	)	egi	. V1+-	<b>⋥</b> = ₹।		<b>V3</b> -	- 70 - 0, 3	060-j 1	13117							
IL	$=\frac{V_2-}{L}$	V <sub>3</sub>															