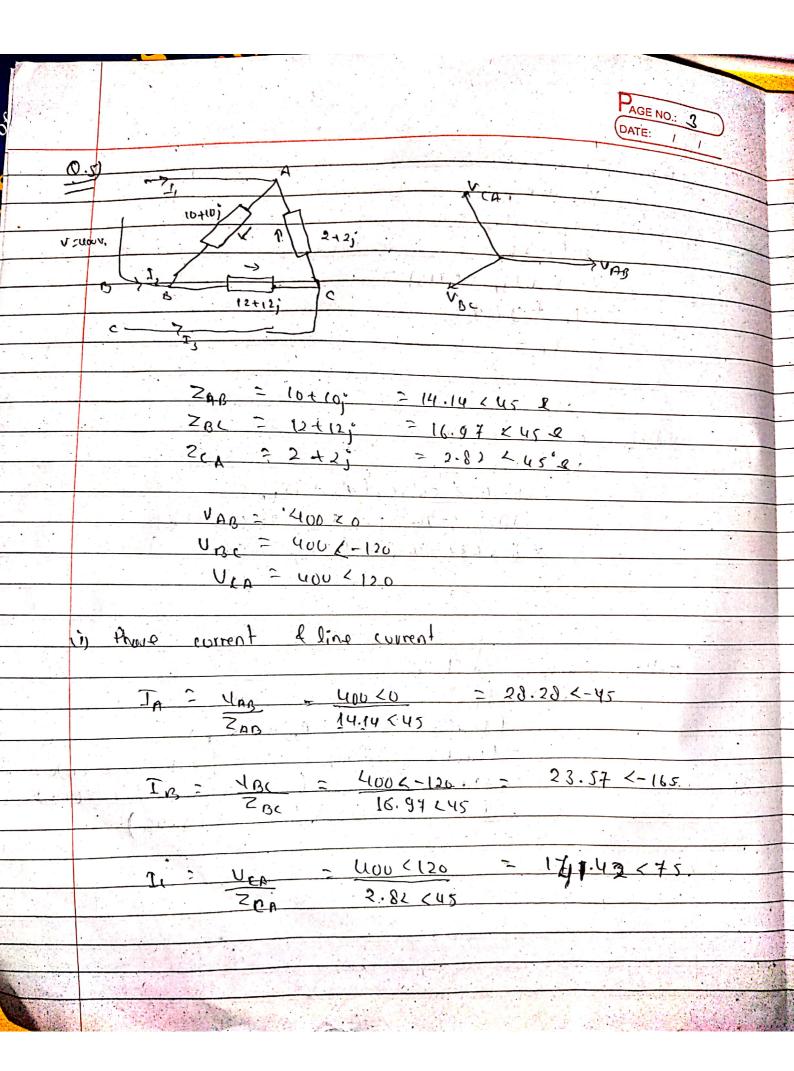
Fig. 180 Alexander	The same of the sa			
10.00				
Δ.,	11. 6		PAGE NO.:	
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ACFOIT BCTOZO.	Ac-Portion.		- continue	
	+1(Poytigh.	. J (v.		
Q 6)	. 13	17) " 1 1 6 1 1	.016	. x = 3
5017		A 352	B 0.019	
RA = 32				
Lg = 6.019	H . S.		1	
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	er (0)= 2KYAR		240,504,	
(x = 8	and the state of t		· · · · · · · · · · · · · · · · · · ·	10.0
R y = ?				
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X102 - 9	Duo 7 001			
Λ -	U((0) Ø			
	2407 gang		t at its	
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Dividing	wil by (i)			
Oforan	J			
2x103	= 240 f sin ()	2	e de la companya de l	_
4x10 ³	= 240f (010			1
2 =	tang		. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
ф	= tun' (2)	10 - 1		
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	How
	Qu0111 = 9
	4x103 = 2110 1 (0) (26.56)
	L = 18.63 A
v .	
	·V > 200 <0° V
	J = 18.63 <-26.56)
	Since inductive load i lay v by angle \$
	57 = 7
	2 = 3
	= 240 <0'
	= 240 <0°



PAGE NO .: 4 DATE: Then corrent 28.28 <-45 - 141.42 675 = 23.57 6-185 - 20.28<-45 = 44.96 < 161.99 = 141.42<75-23.57 (-165 Pluer.

(x) Power in R phose

Q = 0- (-42)-420

Active power (PR) = Vey Ip (a) de

= 400 x 28.28 x (0) 45

= 7998.79 W.

Realthe power (Q1) = Upy Ip sin de

= 400x 28.20 x con45

1 = 7998. 79 UAR

4 I - 1

Apporent power (Sp) = VRYIR 3

= 400×28.28

= 11312 VA

1 Pour in 4 phase

di = -150,0 = f-102) = 12,

br = . A. NB ra (0). Qr = 8999. POS M

Oy = Wysly sinky = 6666.602 UAR

Sy = Uyoly - = 94284A

@ Power in B Phase

On: 120 -75 = 450

Pp - 400x 111. 112 x 4 62 45 = 39999.61 10

BB = 400 x141.42 x sinus = 39599.61 UAR

20 : 400×191.515 = 26268 AV