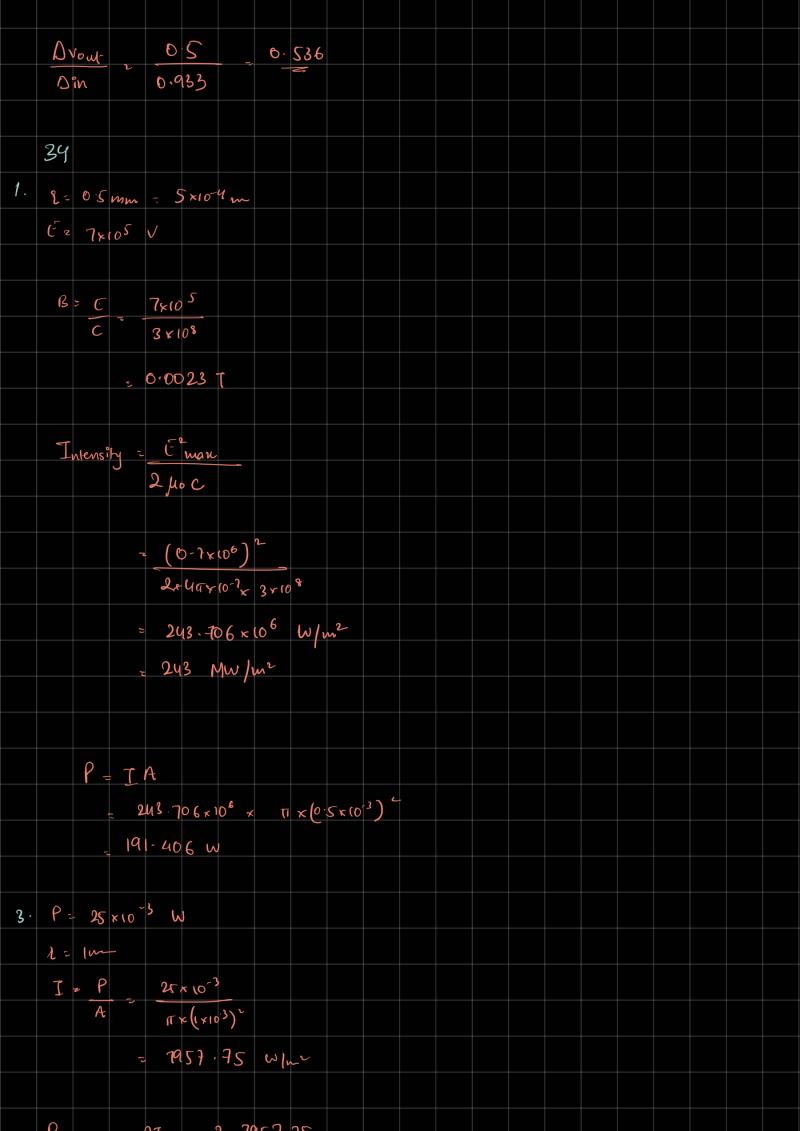
2.	Dr = Vwan sin Qiift								
	= 98 · sin 211.40t								
	Vmax - 98 V								
	g = 40 M3								
	I man = 0.5 A								
aj	Vrns = Vmar = 98 =	69.	296	<b>V</b>					
	J <sub>2</sub> J <sub>2</sub>								
(ط	f = 40 Hz								
c)	1 _ Vmax								
	2nf C Iman								
	1 98								
	80n C 0.5								
C	= 0.5 x 1 = 2.03 x 10 2 m	7							
	98 80 m 20.203 MF								
0									
3	DV = 90 sin 350 t								
	V max = 90 V								
	2 1 F = 350								
	f = 55.704 Hz								
	R = 50 1								
	C = 25 µF								
	L 2 0.2 H								
	X c = 1 1	· 8	00	114.2	9 2				
	211fC 310 x 25 x 106		7						
	XL 2 Juff L = 380 x or 2 =	70	S						
	Z = J 122 + (x1 - xc)								
	2 1 502 + (-44.3)2								
	= 66·79 SL								

VRMs 2 Vmg2 = 90 = 63.64 V		
J2 J2		
Irms = Vens = 90 1		
7 52 66 79		
2 0-953		
Parg. Irms Vrms cos ()		
0.953 × 63.64 × cos ( tant ( - 44.3 ) )		
- 0.953 × 63.64 × cos (tant (-44.3))		
45-39 W		
6. R=0.0		
6. R=0.5 2 C=613 UF		
f = 600 H3		
V= 1R		
= 4×1×12		
- UZXUXI		
5		
- 87		
DVout = R x DVin		
Rexc		
Dvout 2 R		
Dvin Rtxc		
Xc= 1 2 0.433		
211 FC		



Kressure - 21						X X (N) 1, 1)													
			C		3 ¥	(08													
				z	53-0	5 μ	N												