ELECTRICAL MACHINES LAB NOTES



Electrical Machines Lab Notes, First Edition

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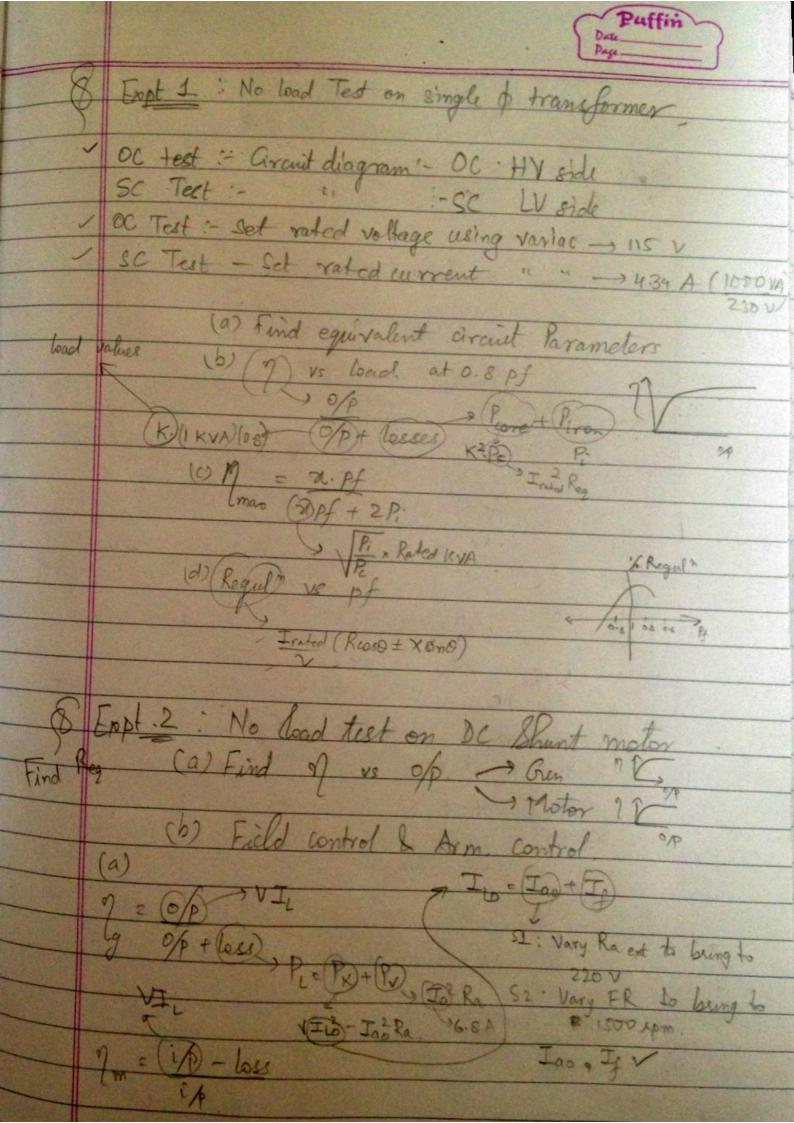


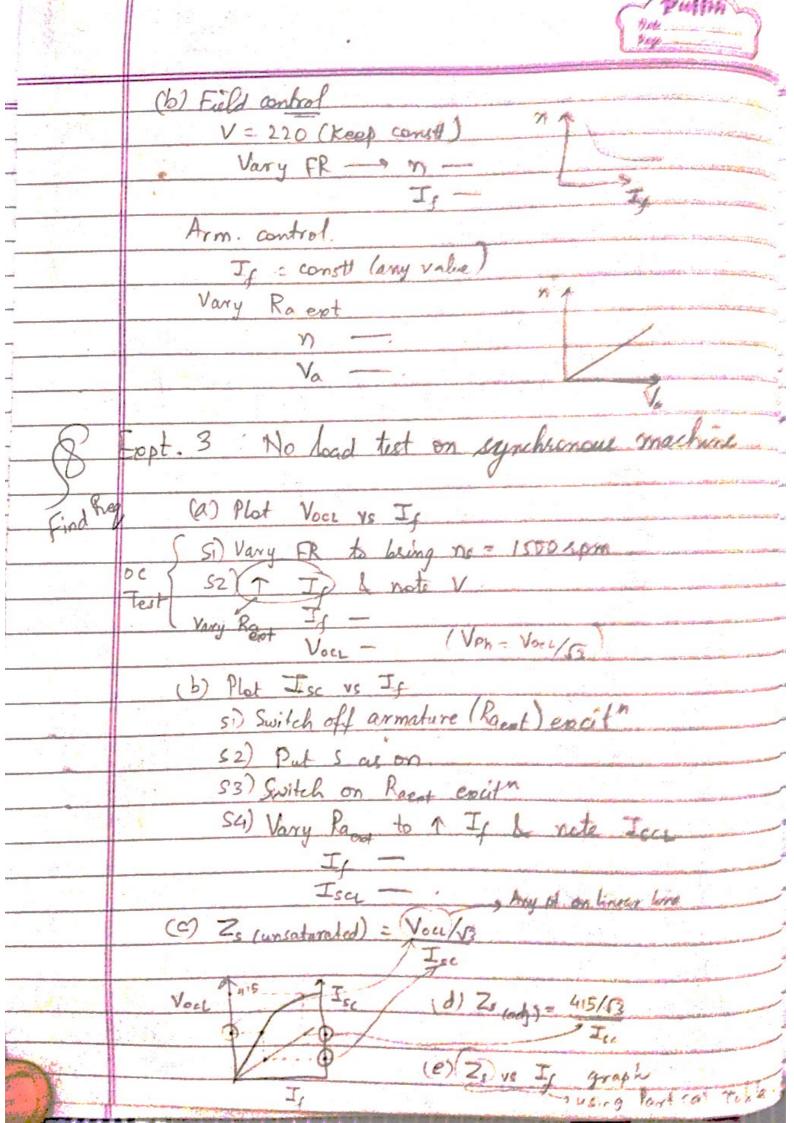
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=	R	Exp 10- No lead test on Induction Motor
1	3	(si) Set 415 V using variors
-	Find Re	
-		Block votor feet.
-		si) Block rotor
1		52) Set Variac s.t IBRL (= IOL): 4.8.A
Link	-	Nete: - VBRZ, W(=PBRT)
-		
1		
4		
1		
_	8	Expt 9 :- Load test on 30 Induction Motor.
-	3	Si) Vary variac to bring Vm = 415 V
-		S2) Vary (FR) & SET Vg = 220 V.
		53) Take reading at No load.
	to .	54) Switch on load & take readings of Ipo W(=Pin), n
		Block rotor
		Si) Bring variac to zero
	1 2 2	52) Block rotor.
		S3) Again set it s.t Vm = 415 V. & Vary (FR) g to 16=2201
		S4) Note value of PBR (from wattmeter)
		(a) 7 = (Po) > (Pin - PL) 0.995 Th
		Pin PART Pronett S Pronet
	jaren ,	'0' (0)
		b) ipf = Pin Pin-PBR T ??
		V3 V2 I2
		$(c) T = P_0$
		211 1/60 841
		(d) $slip = \frac{m_s - n}{m_s}$
	1	13 -1500. OP OP
-		A STATE OF THE STA

