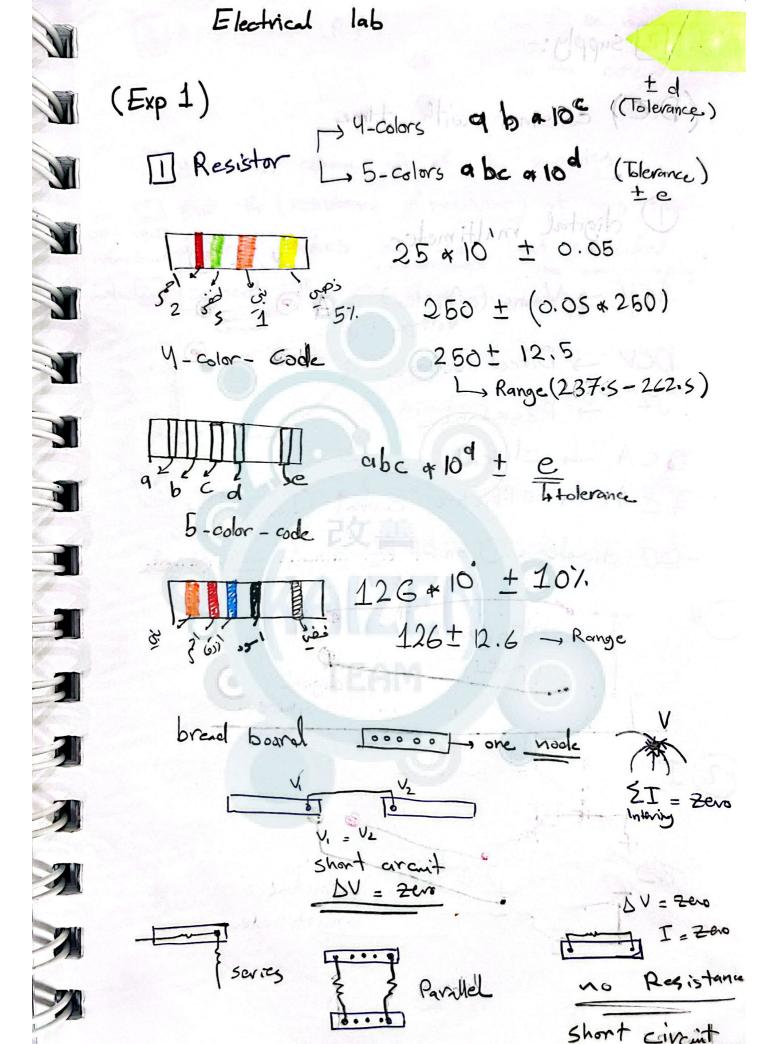
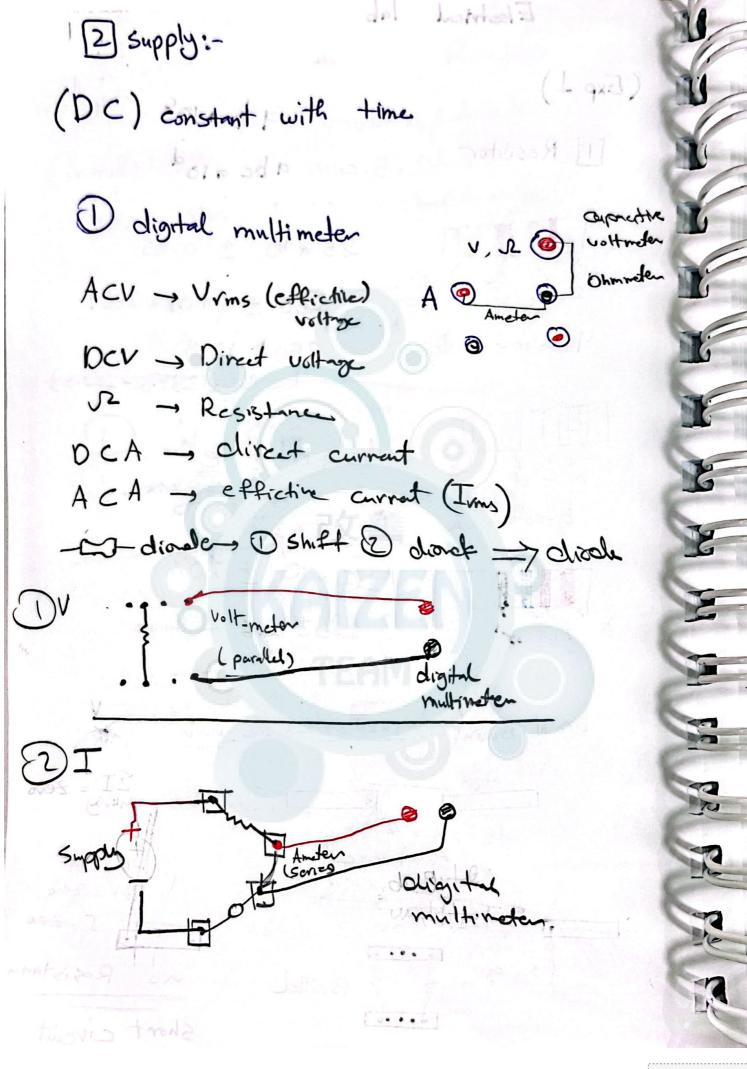
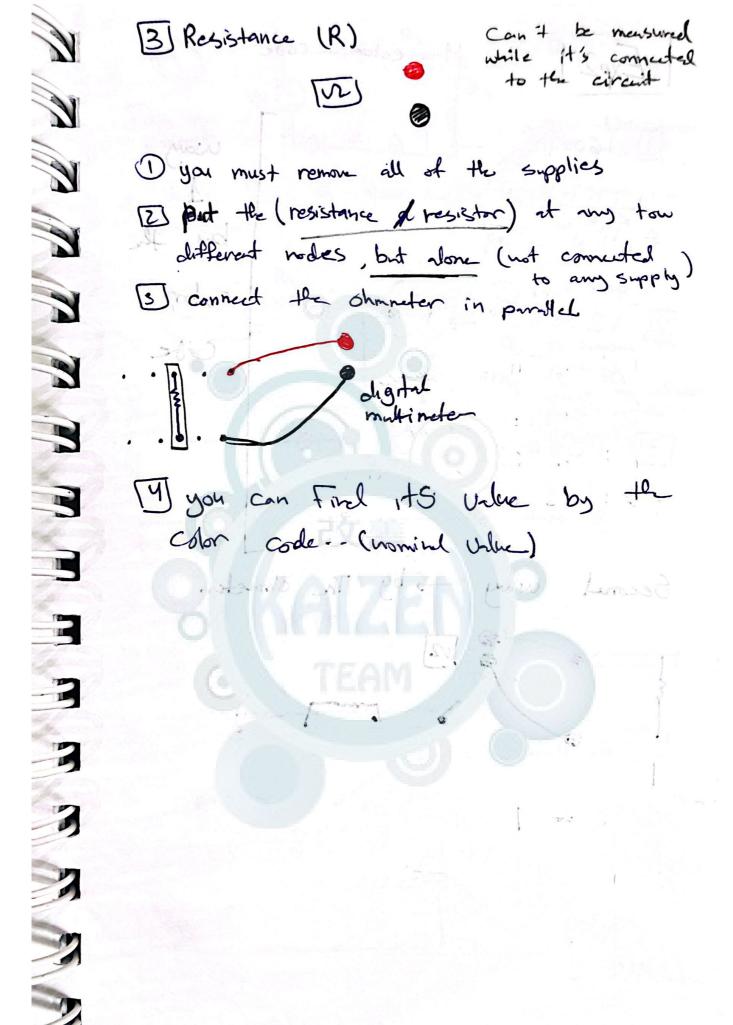
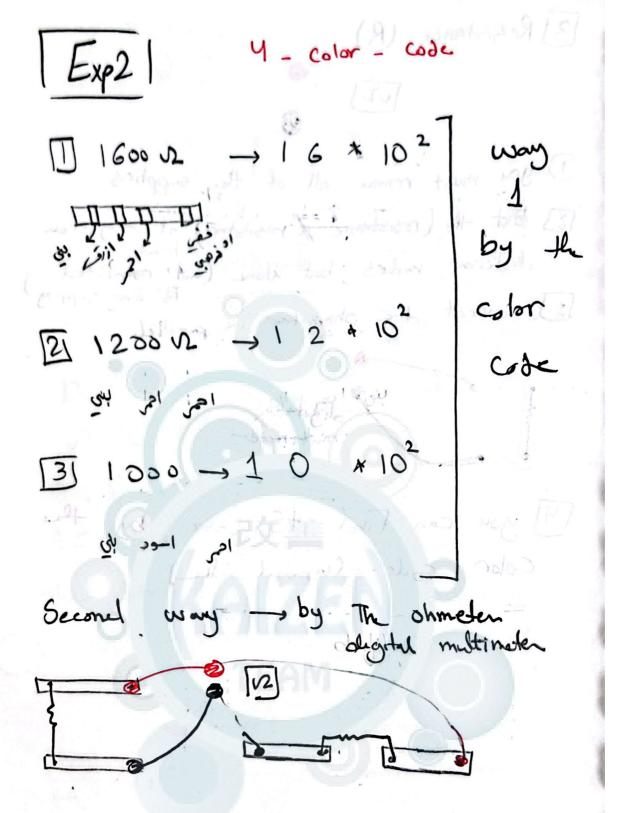
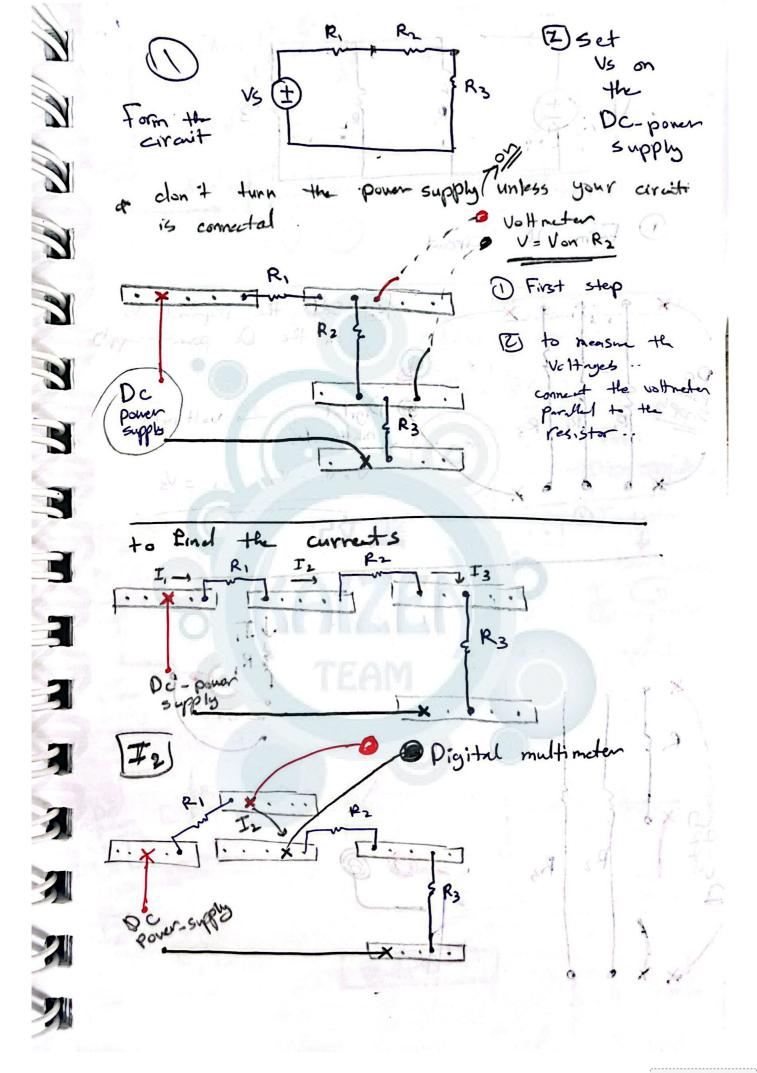
Voltmeter Lo The internal resistance lange De: Direct (Voltage) DC: direct (Current). - VMS volve AMPL

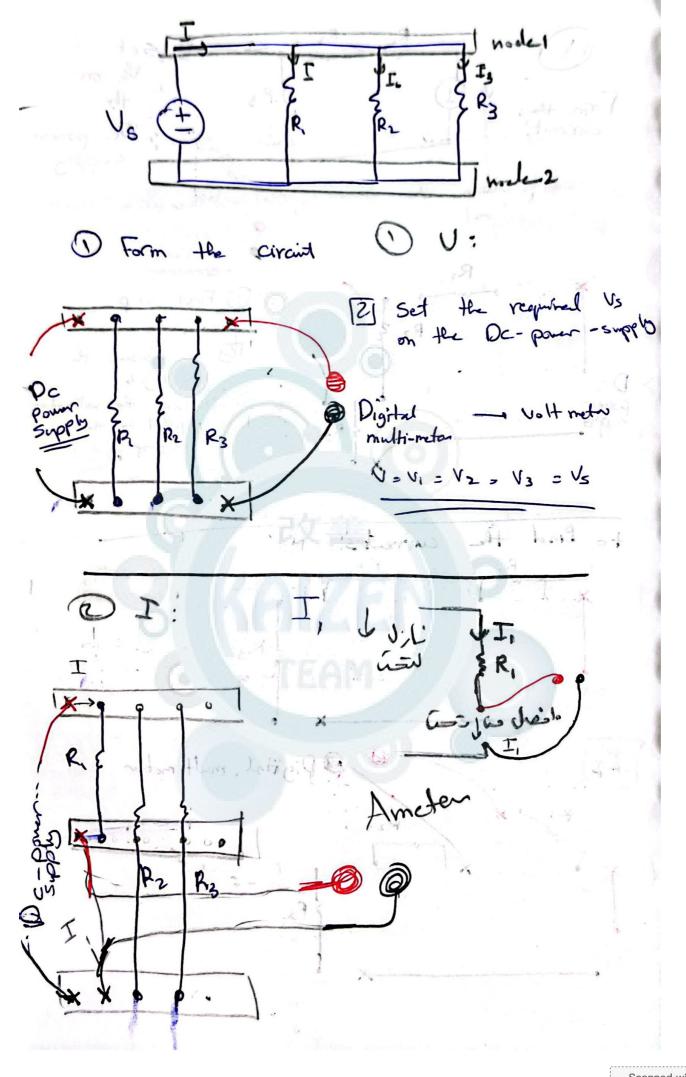


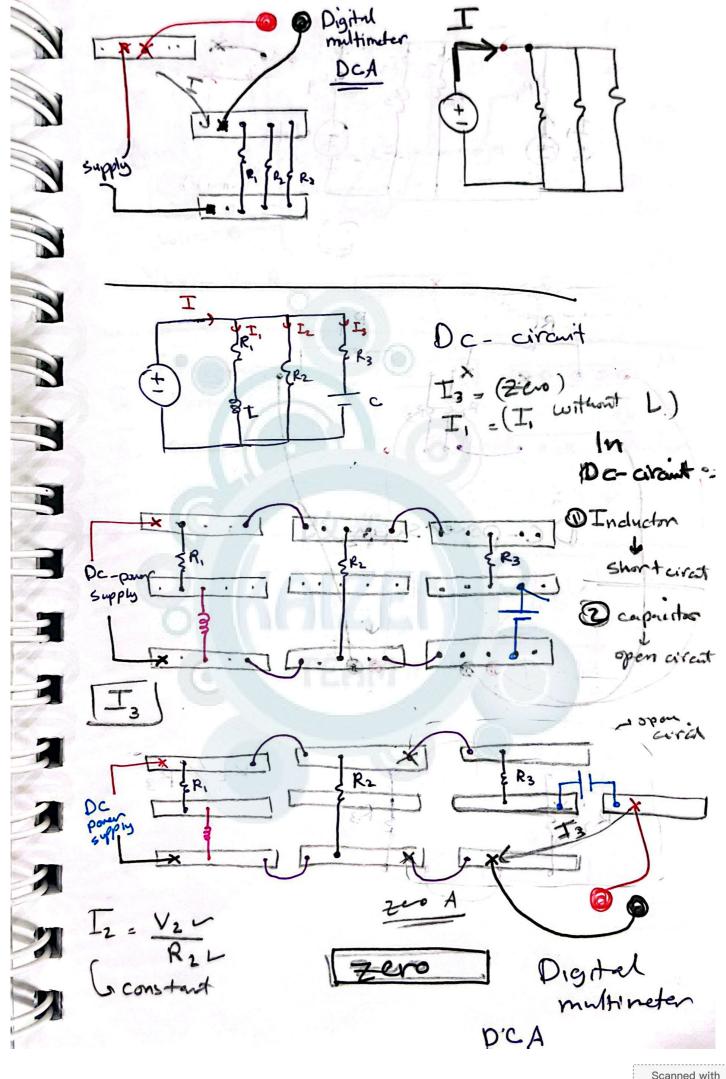


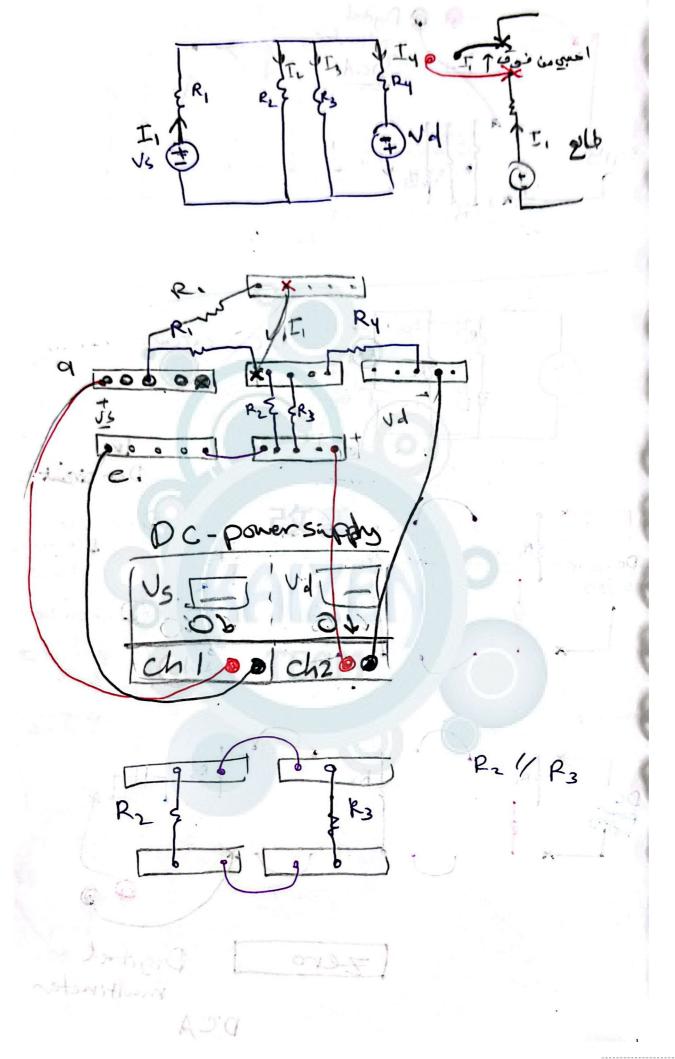




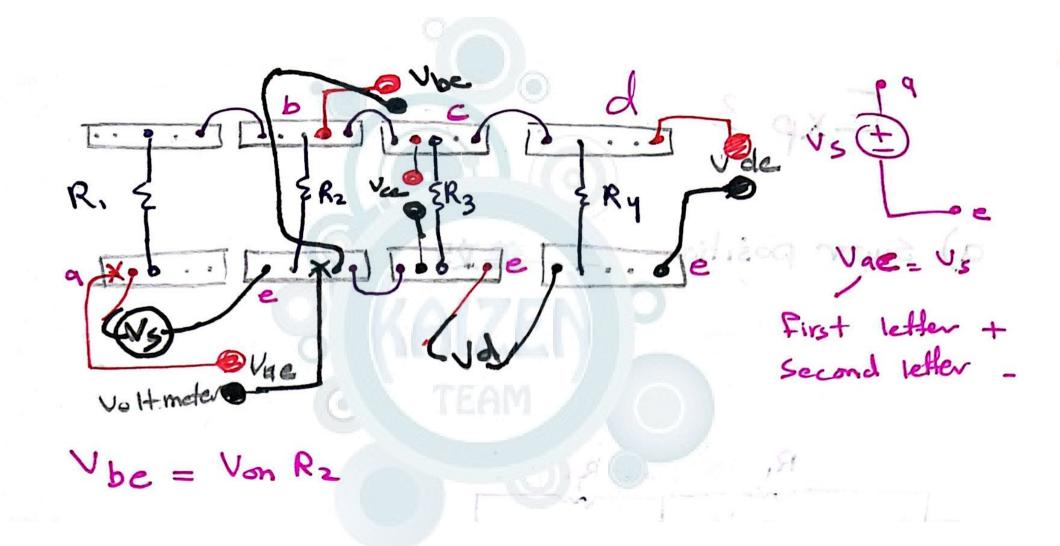




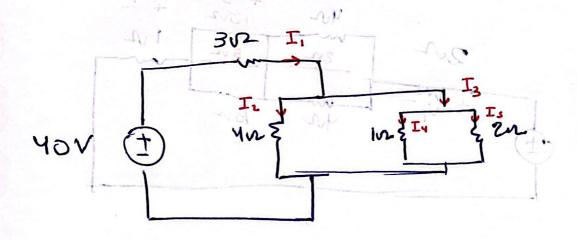




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(-come Deviation = Measured - 4 100% Nominal Destroy 2000 c R, +R2



2 4 61 = 1

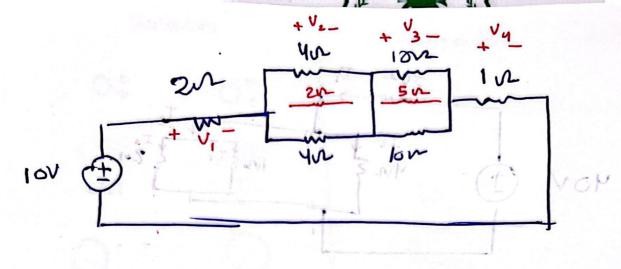
$$I_1 = \frac{40}{3.57} = 11.2 \text{ A}$$

2

$$T_2 = 11.2 \times \frac{2/3}{4 + (\frac{2}{3})} = 1.6 \text{ A}$$

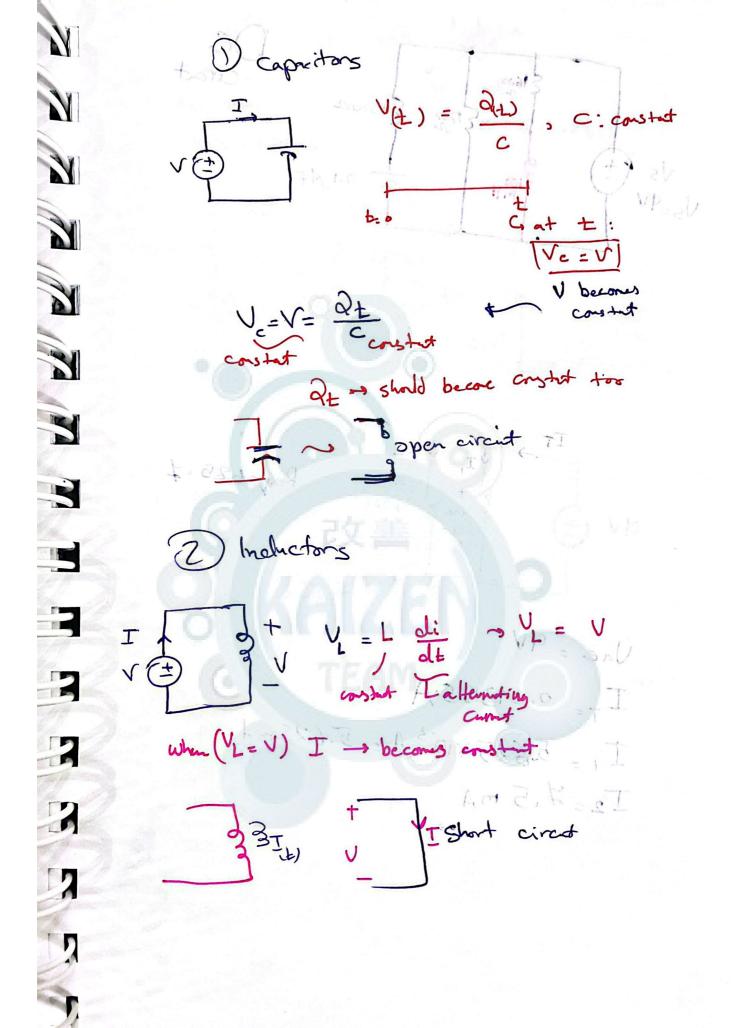
$$I_3 = I_1 - I_2 = 9.6 A$$

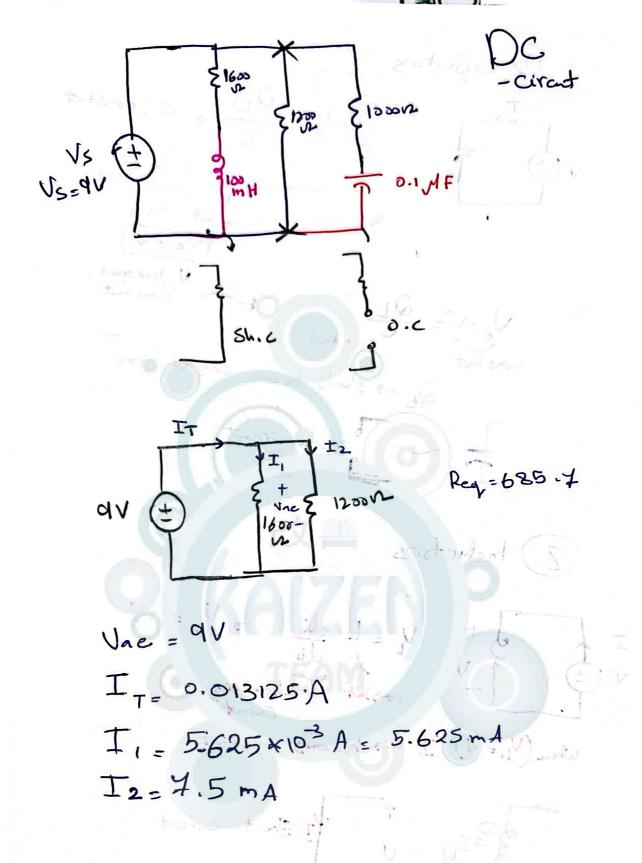
$$T_3 = 11.2 \times \frac{4}{4 + \frac{2}{3}} = 9.6A$$



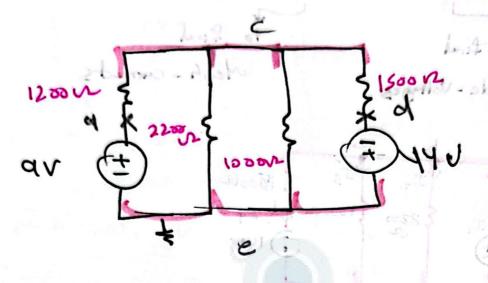
$$V_1 = 10 + \frac{2}{2+8} = 2V$$

$$V_3 = 10 \times \frac{5}{10} = 5^{\circ}$$

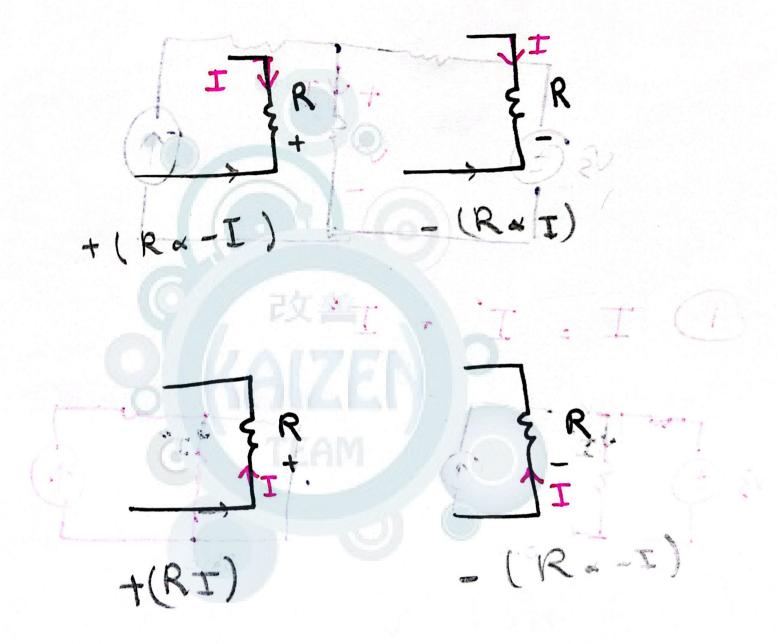




Wodal & Mesh Analysis to find to tim Mesh - currents Wode - Voltages 14V VR3 = 1000 + I3 - VR3 = -1000 (I3) I, -I2 -I2 - Iy = . -9 + 1200(I,) + 2200(I2) = . -2200 I2 + 1000 I3 = . -14 + 1000 I3 + 1500 I4 =. I = 8.0171 m A I2 = -2.82 4 10-4 = -0.282 mA I3 = -6.2 a 10-4 A = = 0.62 mA Iy= 8.92 mA Mushysis

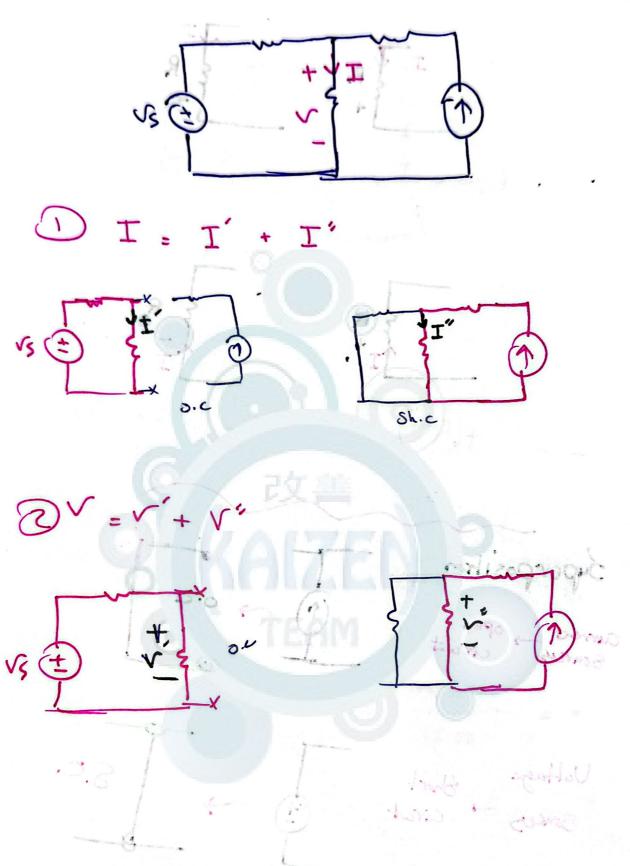


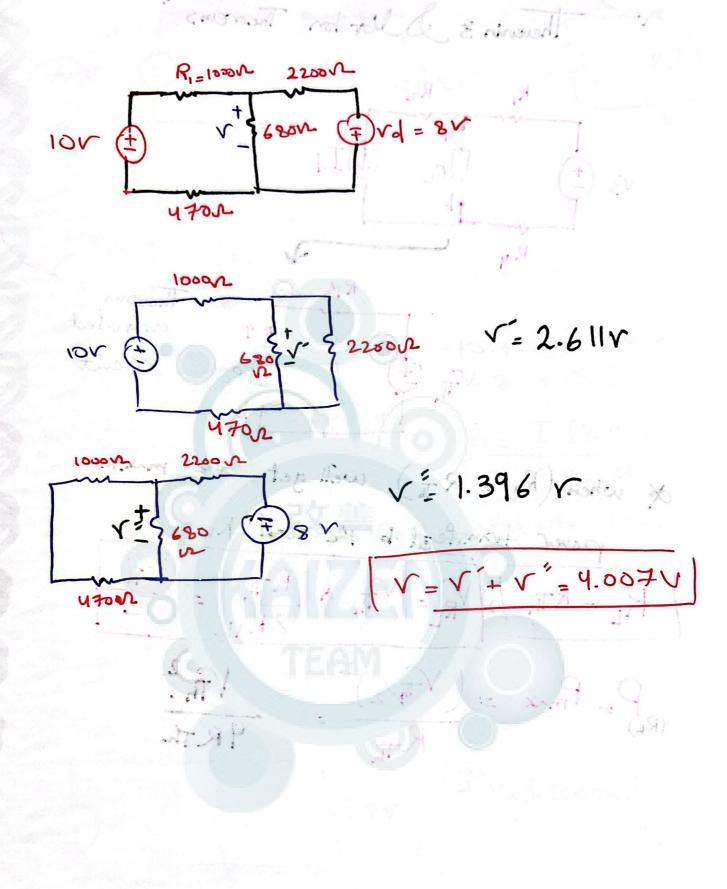
(KUL)



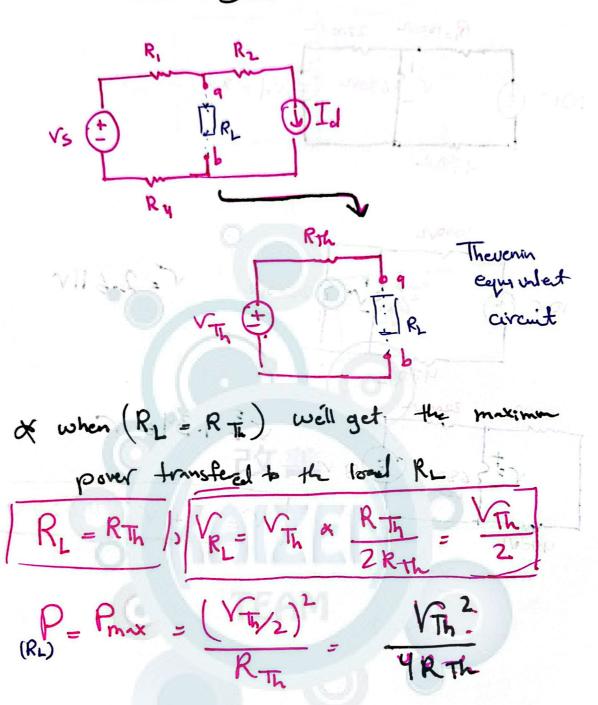
Exp 3 a) supor position II Kill Wiltage 12 Kill current source Iz Rz Vd RY Values duc to (Vs) Kill (Vd) the ciranit the supply on the PC-power-supply off form the circuit turn the suppry on

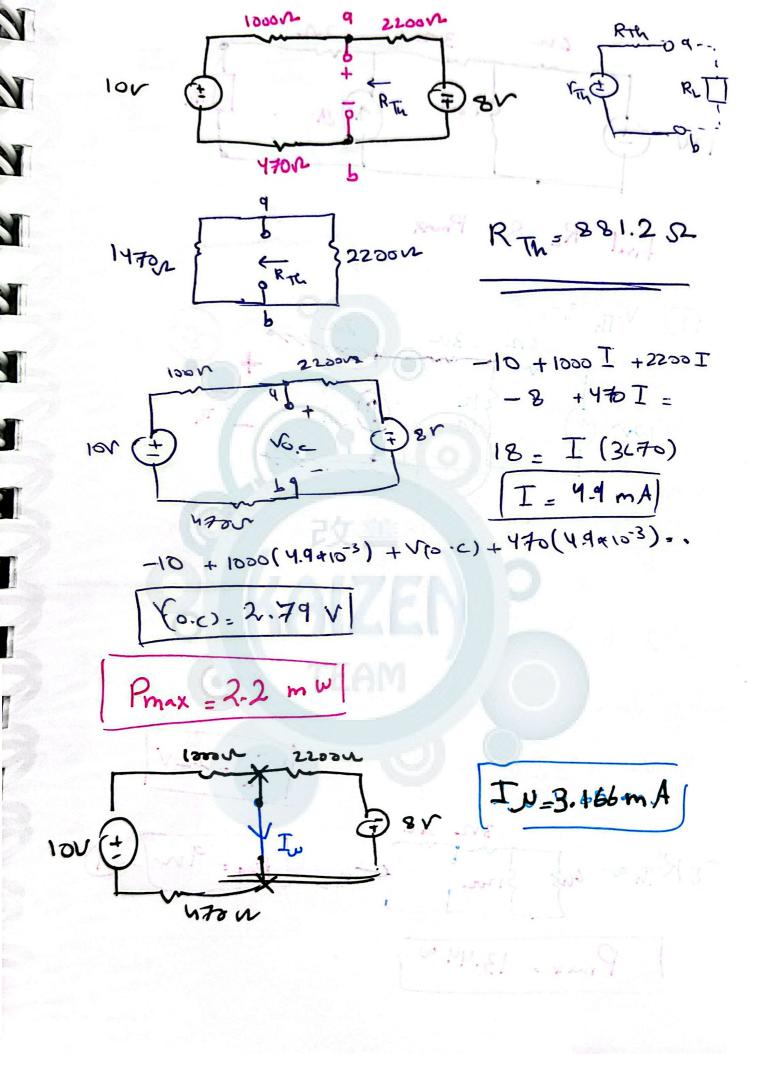
(KUL)

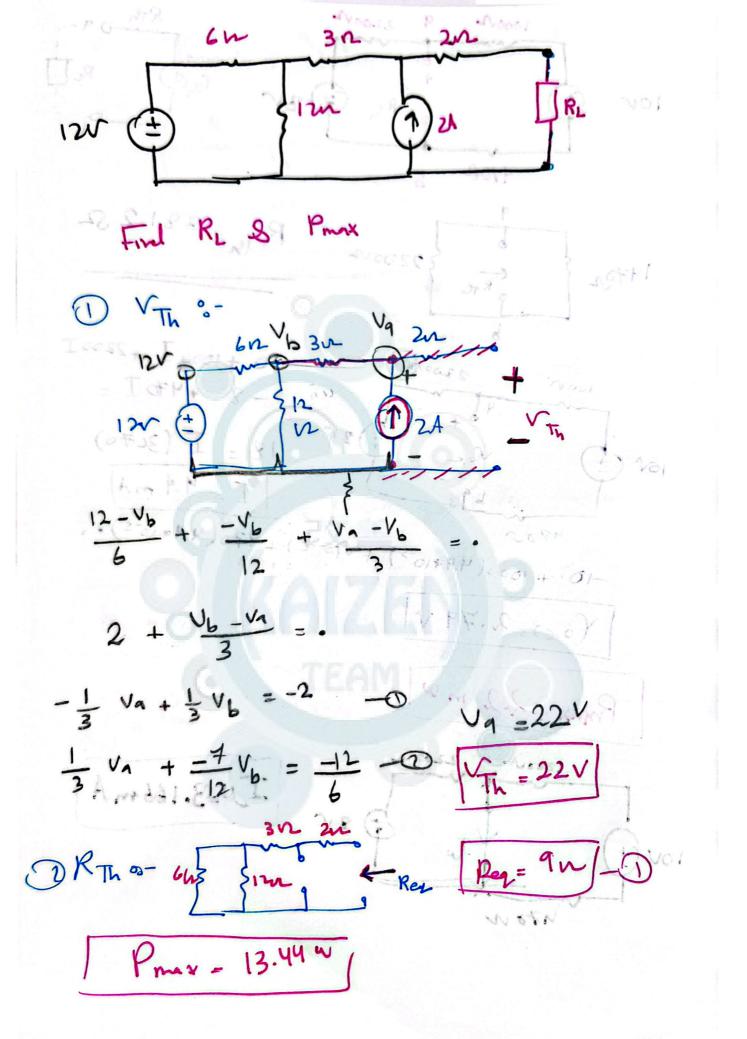




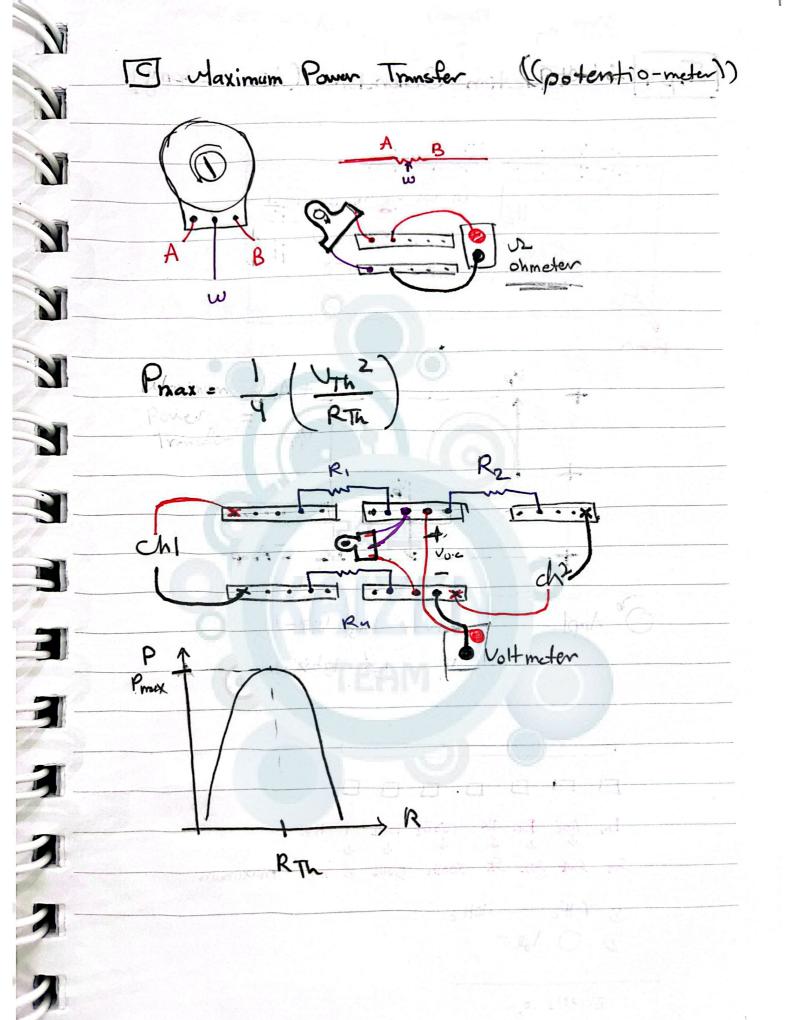
" Therenin & Debrton Theorems

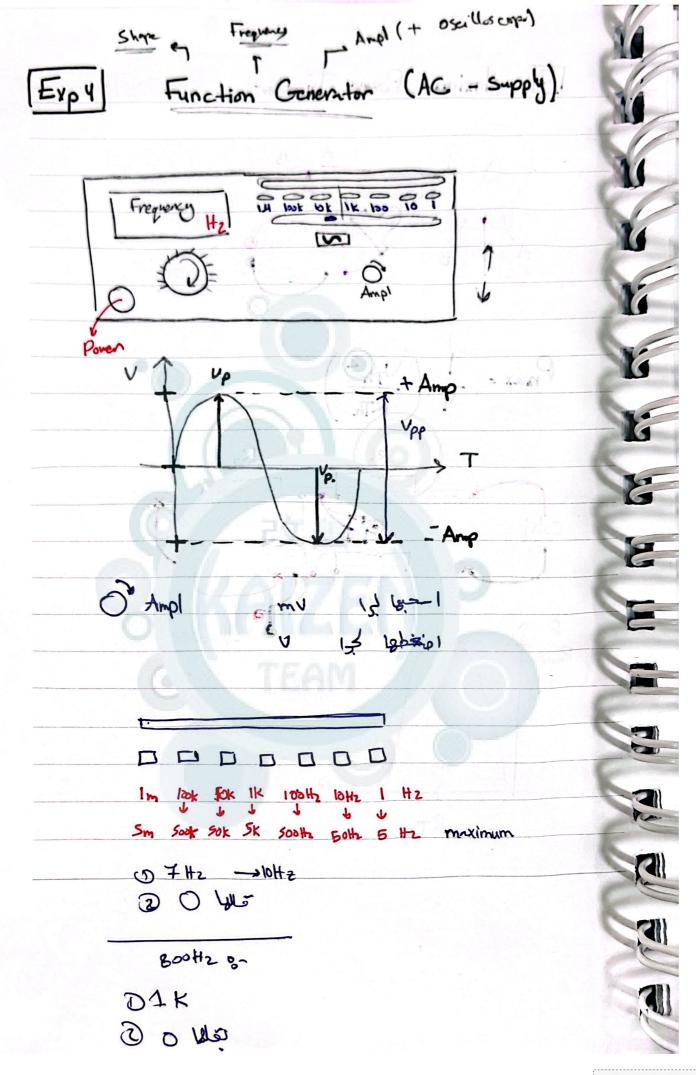






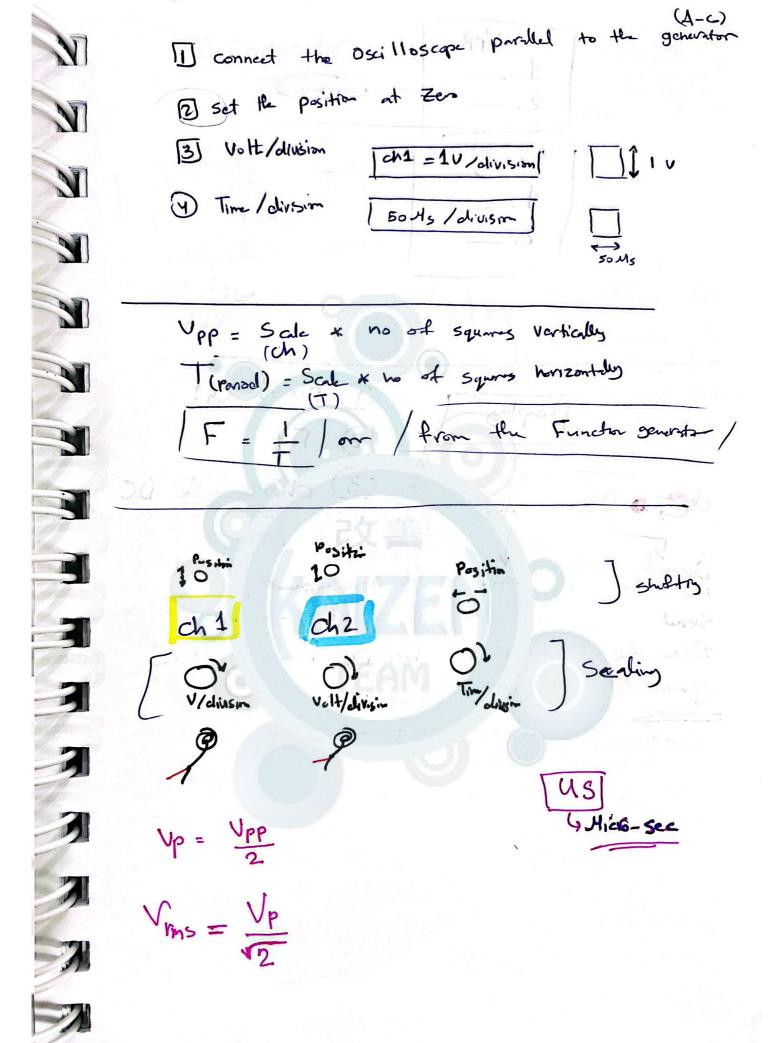
Thermin & Norton R RI Ry digital R2 R, turn the supplies off (pc power Remore Kem from Circuit put short sircuit at the lotters places have the place of current supplies as an

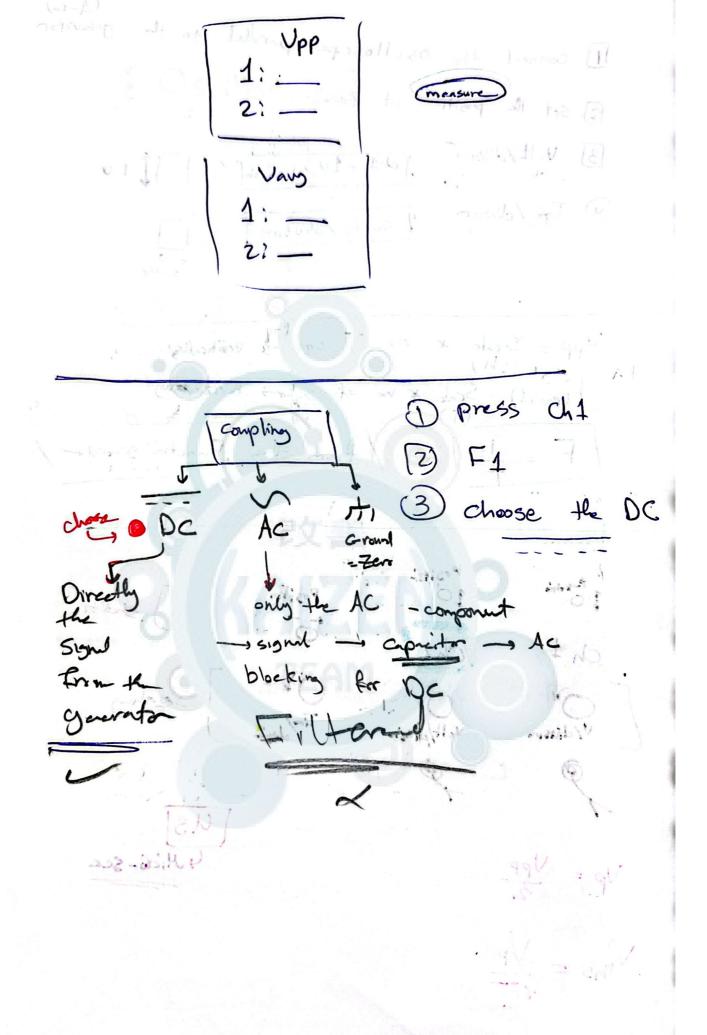


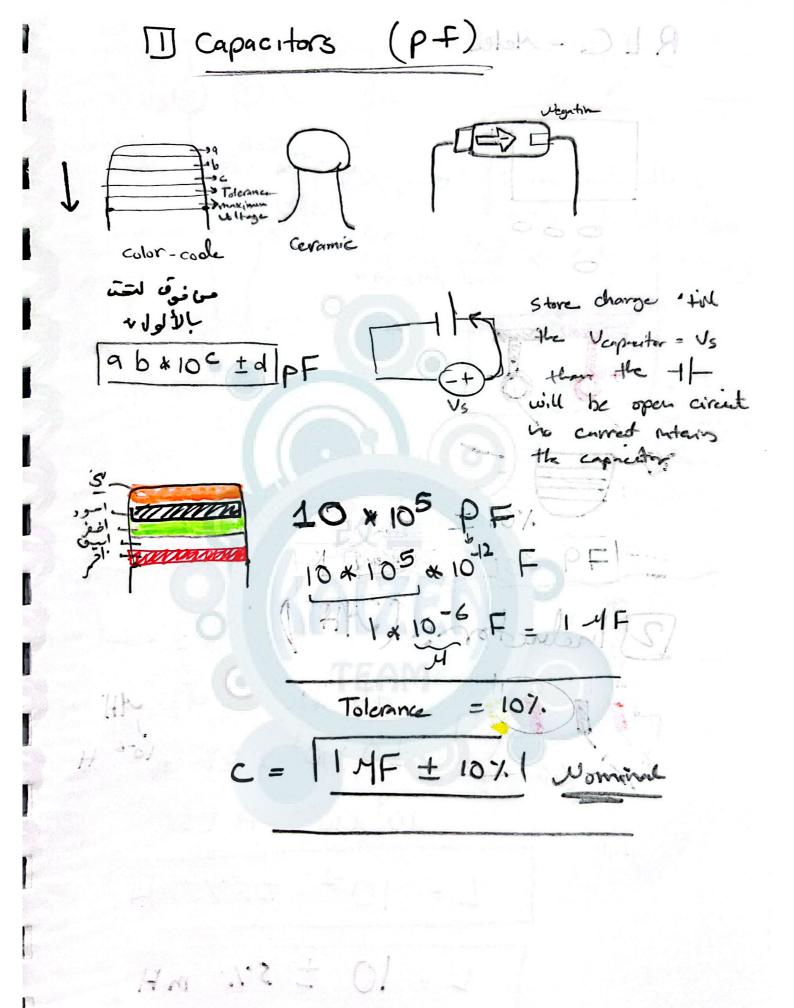


E Oscilloscope 3 20 Position ch1 channel 1 on the oscill scope + Signal Viewer 3 Ampl - upp Textension vertically

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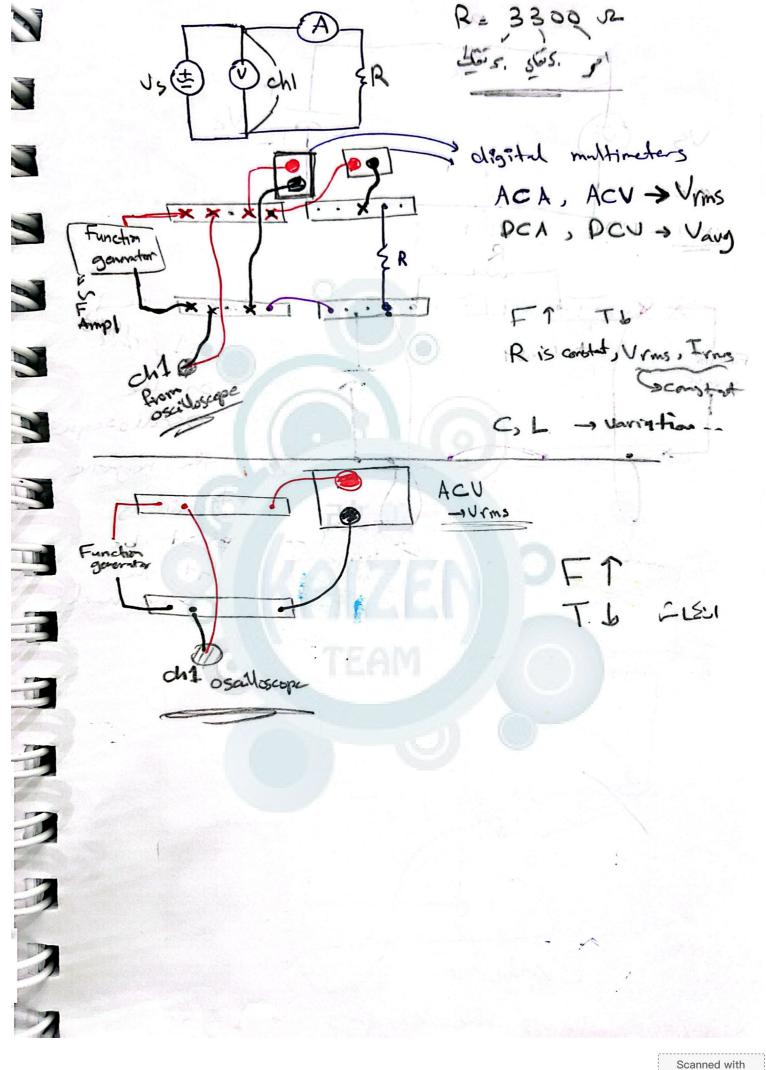


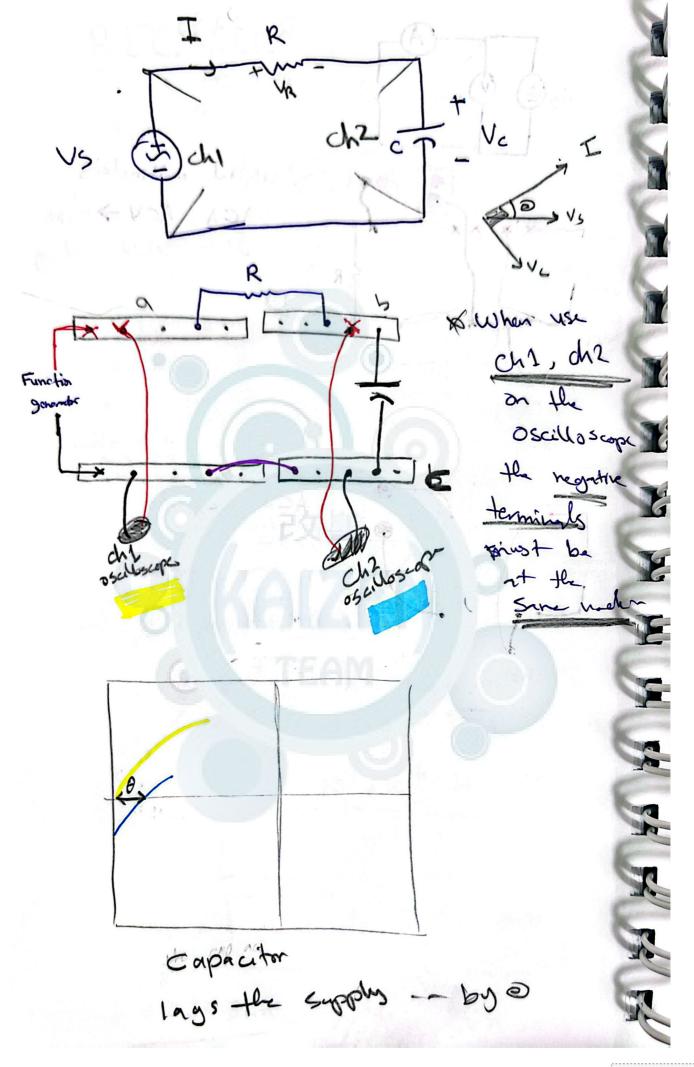


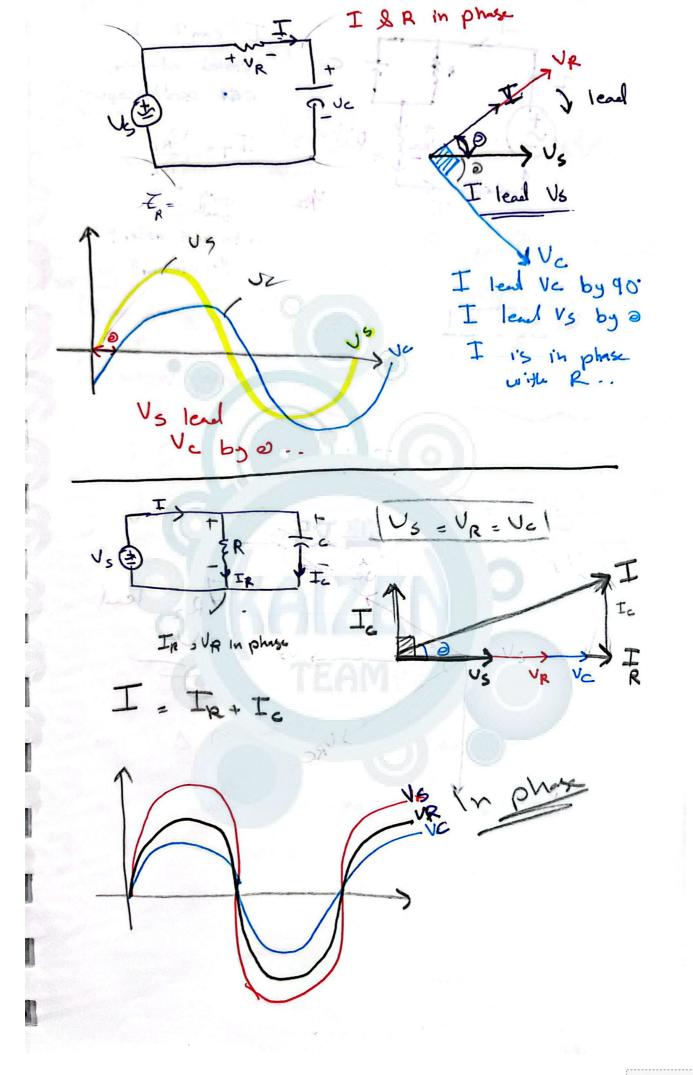
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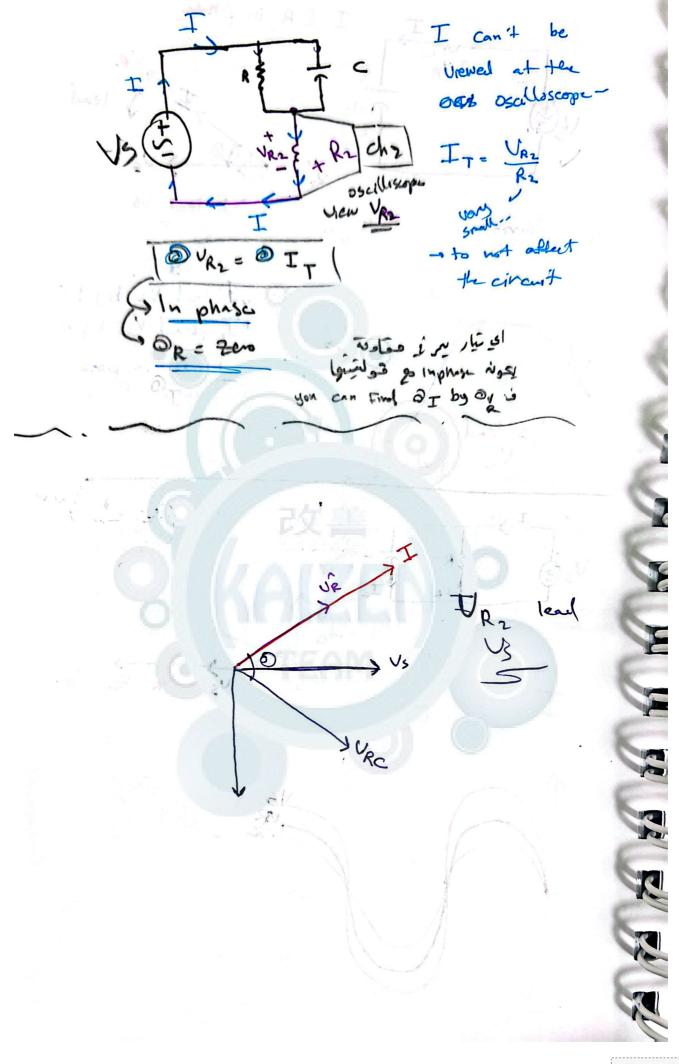
CS CamScanner

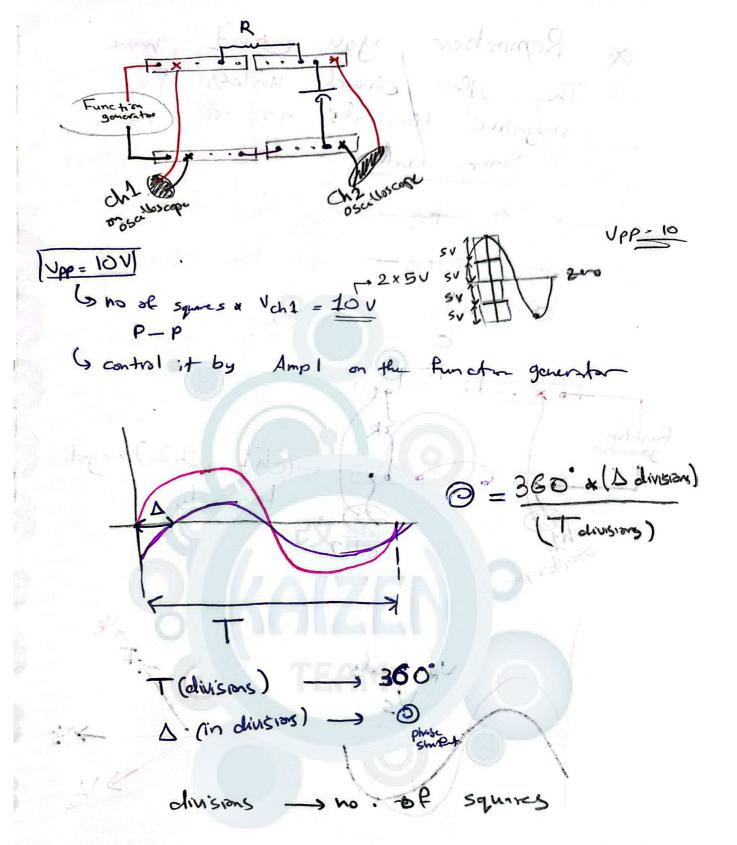
RLC-Neter 7-9) Enchrono [] regumery - the best First press > L Second press -> c Third press -> R 2] Inductor: (MH) 1 10 × 10³ ± 51. 44.0-6 104 10-6 H + 5%. L= 10-2 H ±5 // H/ L = 10 ± 5% mH L = 10 = 0.5 mH



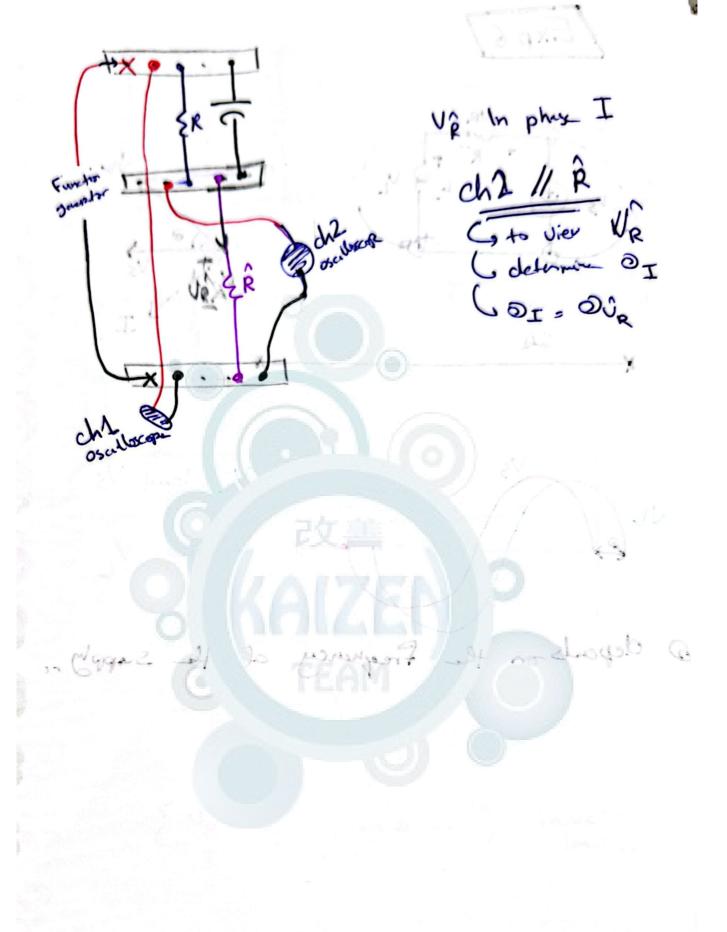


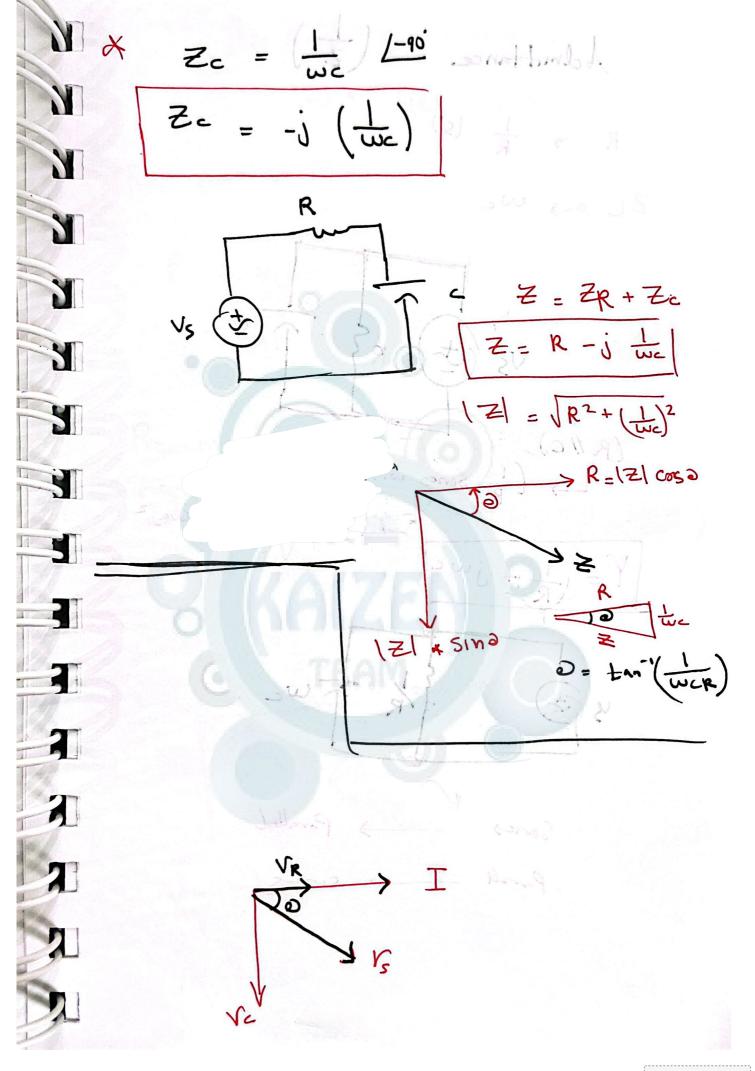






& Remmeber you can't The other chind unless megative through me at Resistor not the terminals ch2 0 = 360 K Tg Δσ

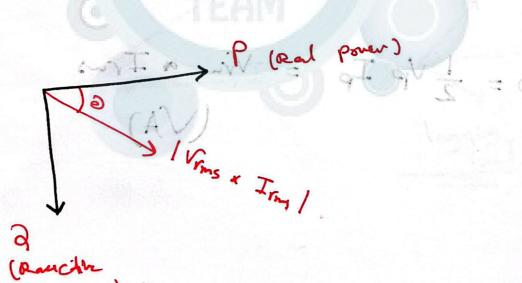




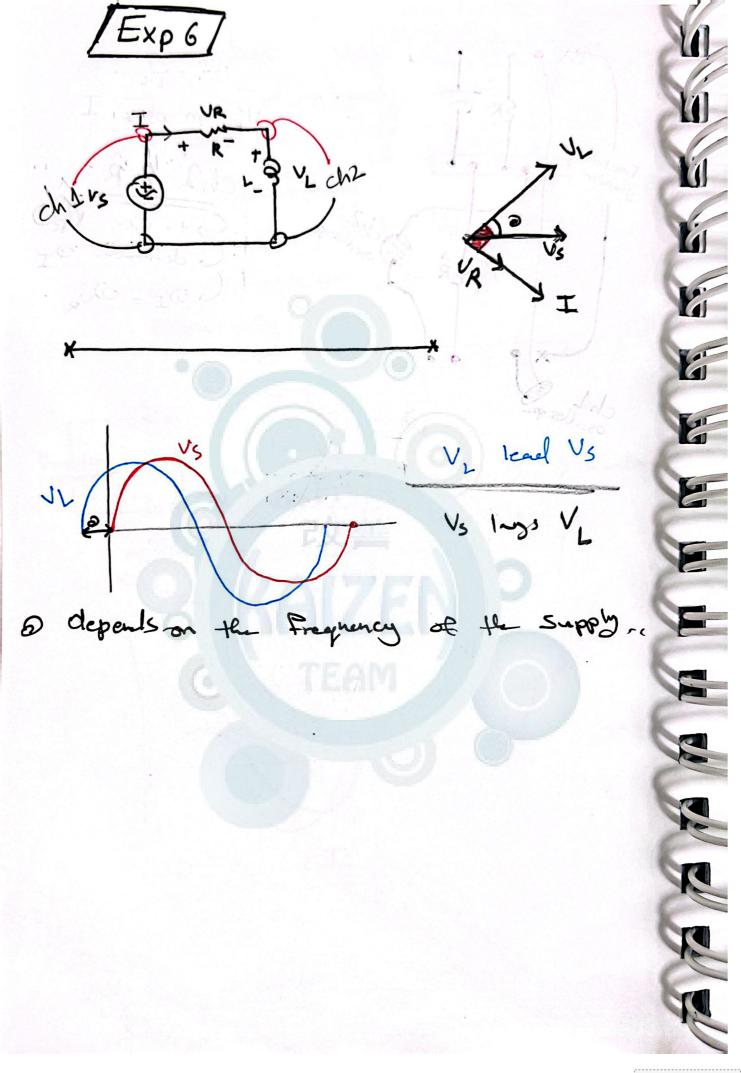
Admittance (Z) (s) (R//c) Ly (I senes with we) + jwc

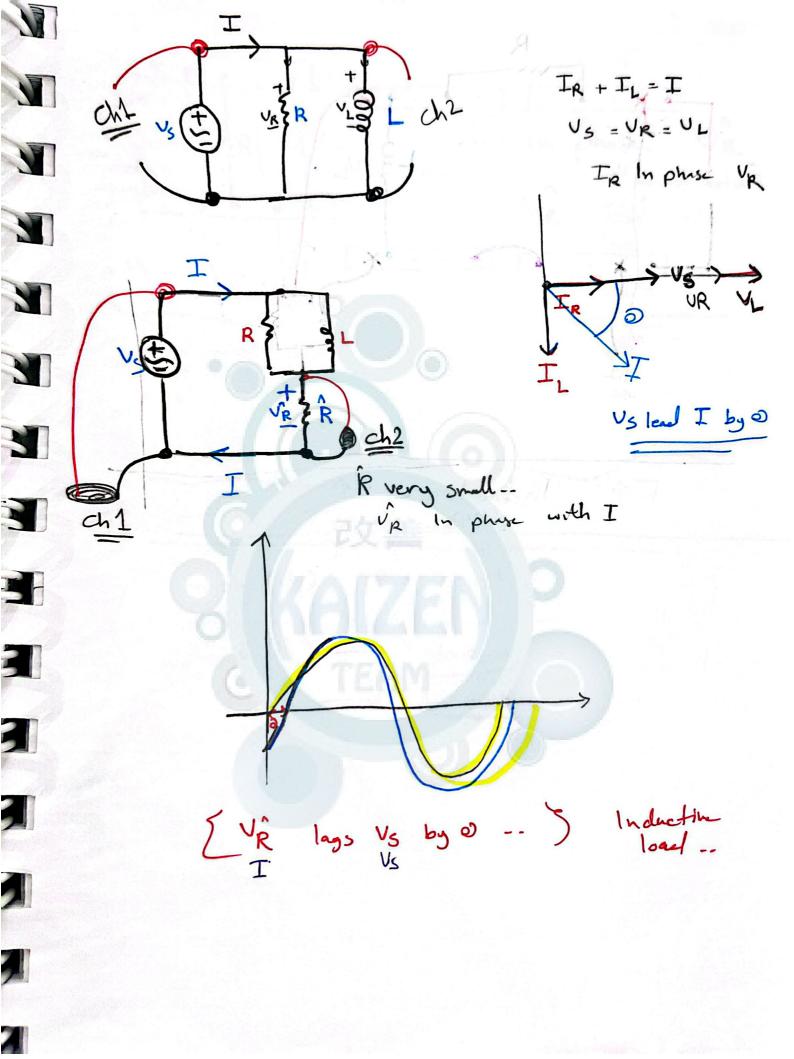
$$P = \frac{1}{2} U_p I_p \cos(\partial_v - \partial_i)$$

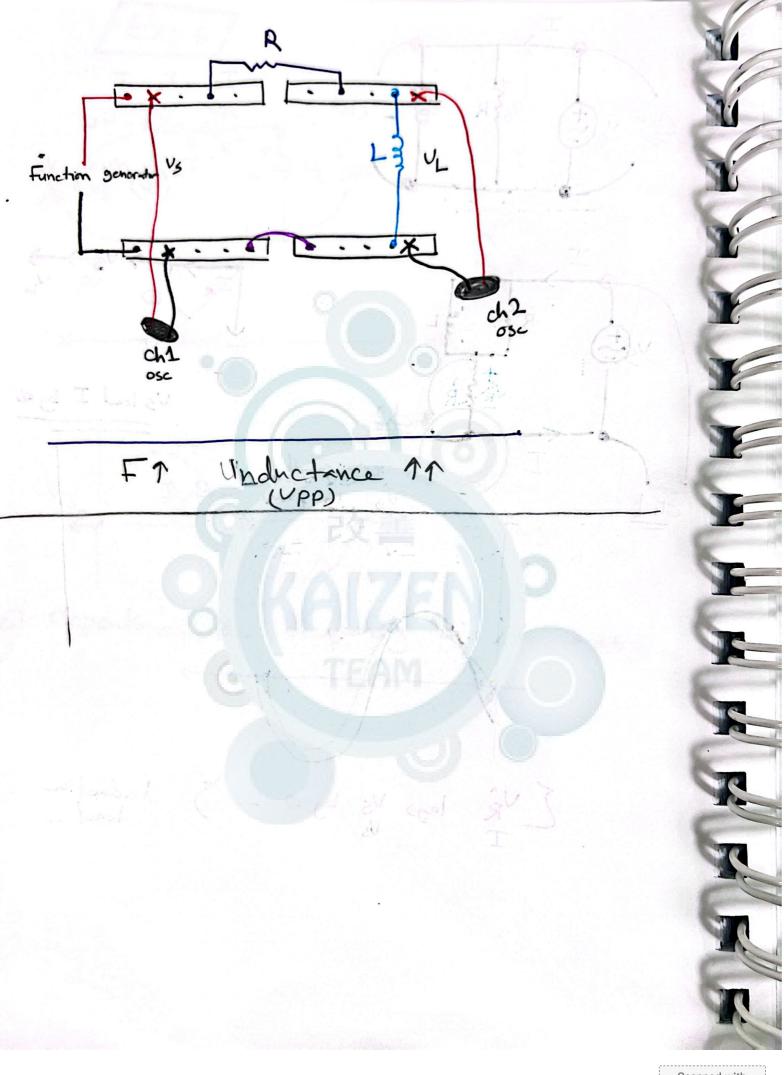
$$= V_{rms} * I_{rms} * \cos(\partial_v - \partial_i) \left(\frac{\omega}{2} \right)$$

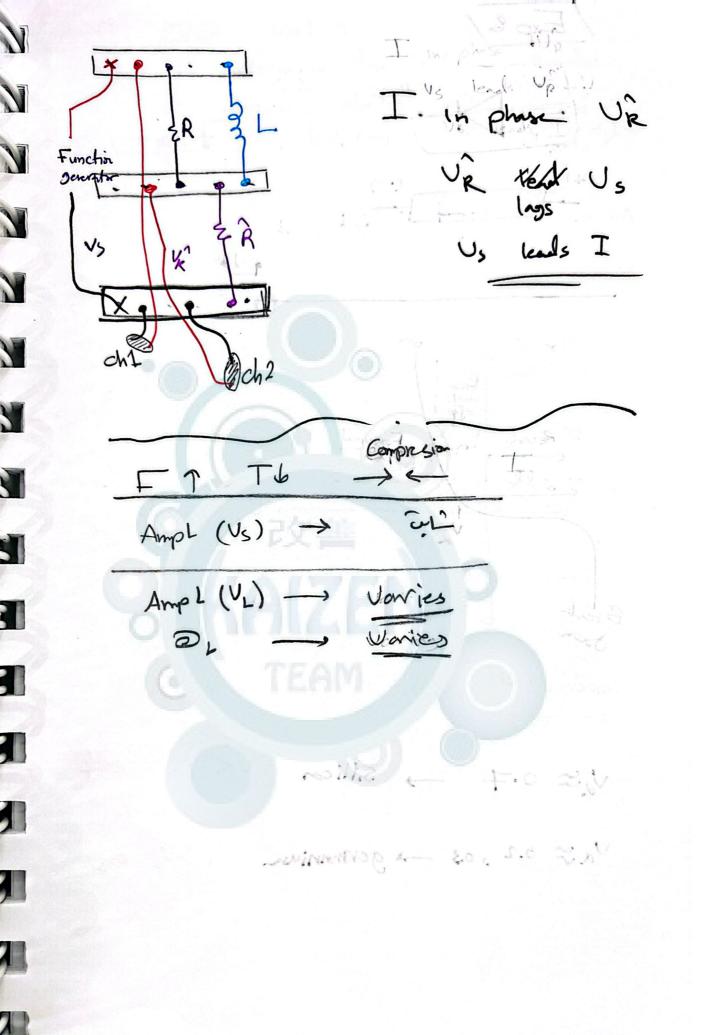


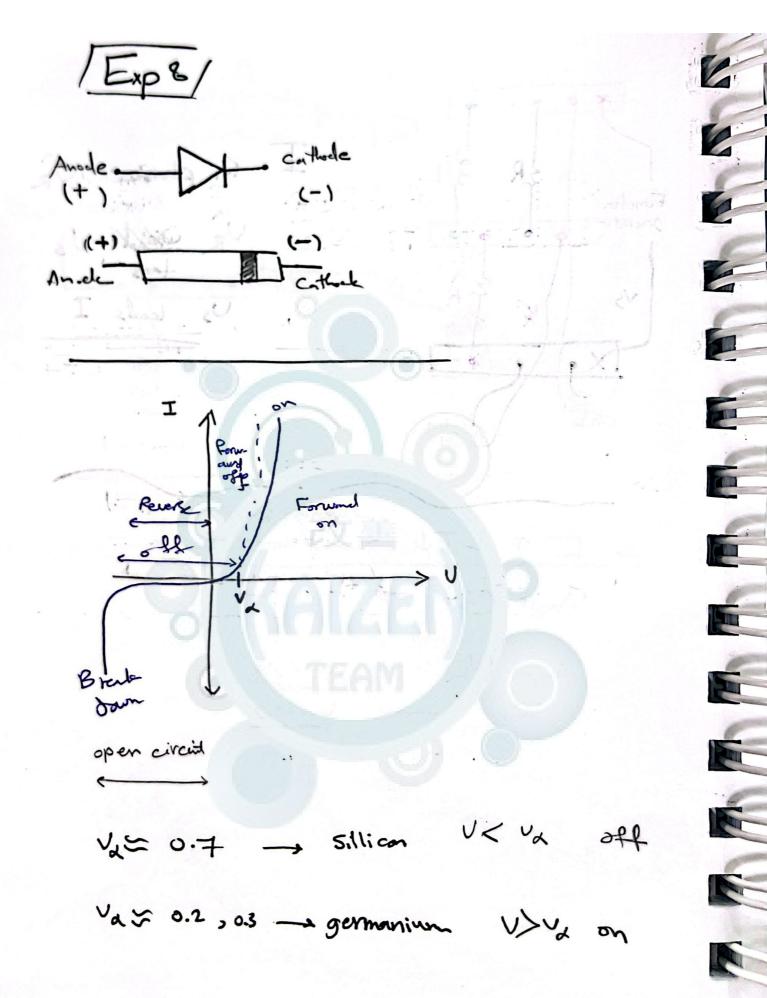
ZL = WL /90 = jWL R Z= ZR + ZL = R + j (WL) V-24,1V VKNO











bias

Divol To determine the Cathoole, ande Digital Dshift D dood 3 of frm اذا كانو الـ ١ (وَإِنْهُ / ١٠ (٥٠ لـ / ١٠٥) بكون وَانه

