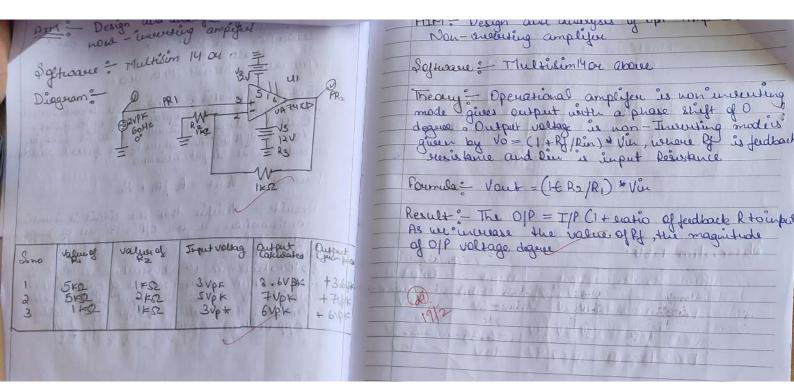
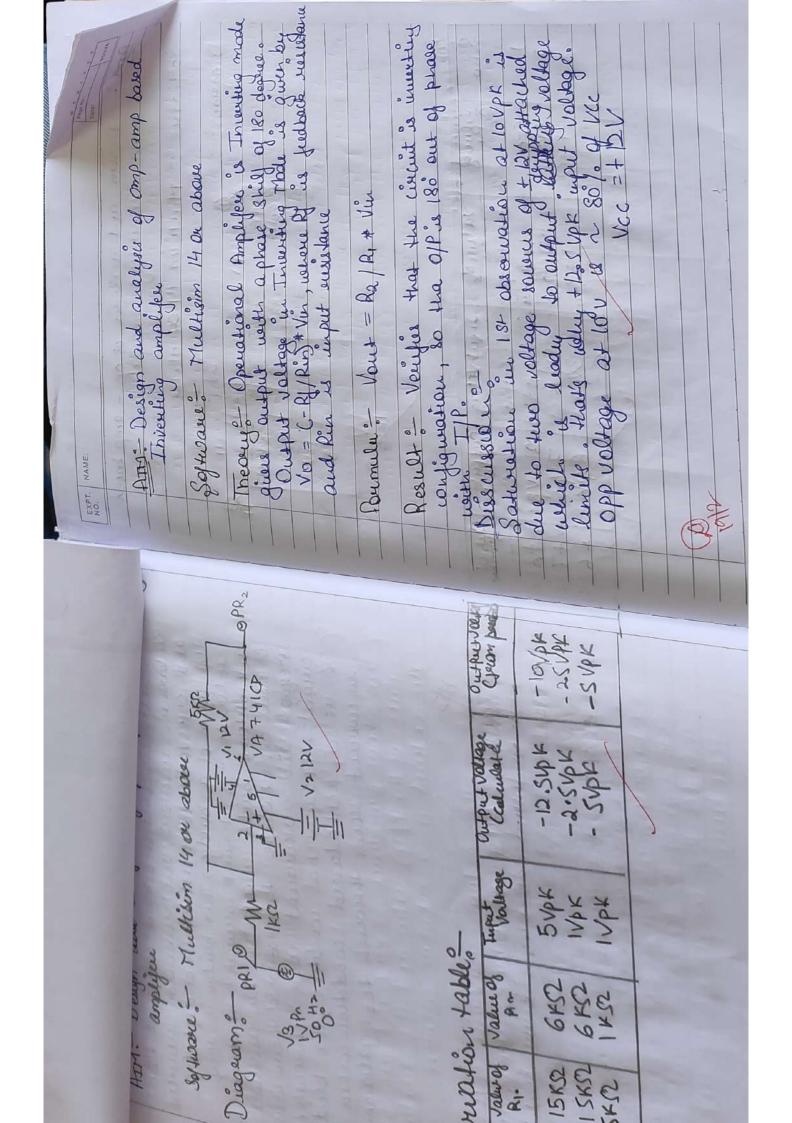


Result: - Thereased and the Tip natage in crease the Ope what a discuss we tip what was op the way and the way of the water of the wate





The wheatstown bridge circuit compairs dues unbrown resistant and one rariable ensister connected in the form of a bridge. This besides is very extrable as it gives accusate measurement uneatstown bridge usoubs on the principle of mull deflection, is the eation of their resistance is equal and no consent flower through the circuit. Whose normal condition, the bridge is in an unbalanced condition which no convert flower through the galvinorular.

199	R(Juom rit )2	x = CP/9># R	X CA ctual
7	16.3FD	IF CALL	INST
7	2.2 KR	The second of	2.2×2
1	I looks line	look	looks

1. ernor = | Avnal value - closued value | x100/ Actual value

My which can be very it of the end

euron 1 = 3/2

euron 2 = 0/2

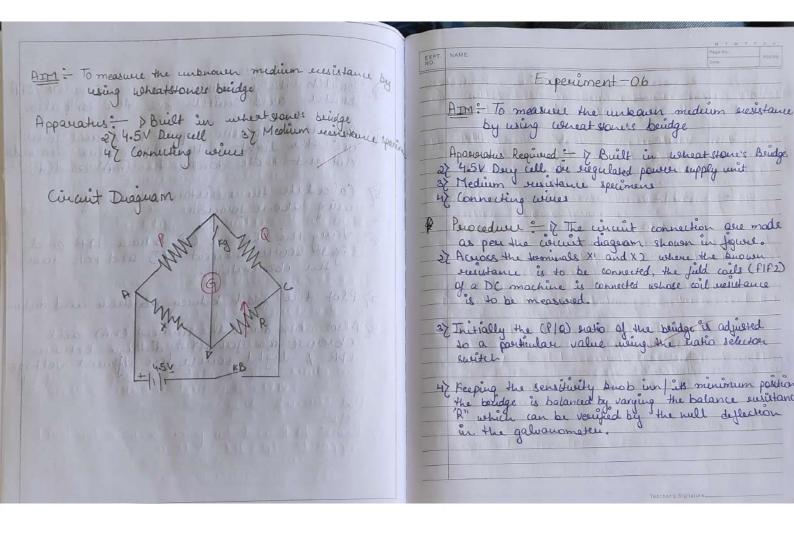
euron 4 = 30/2

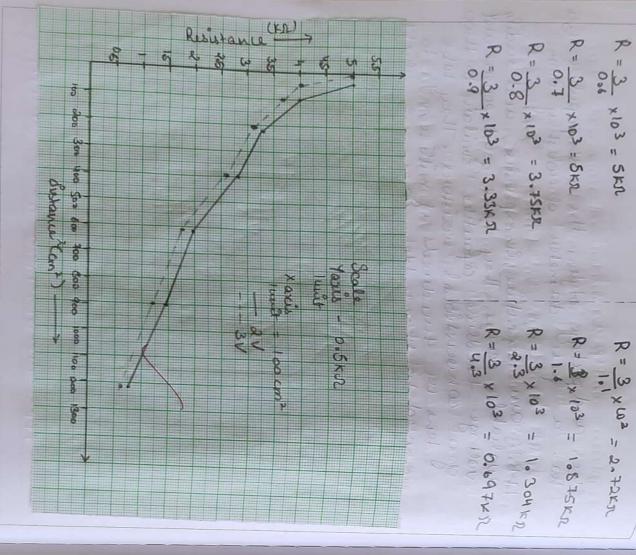
euron 5 = 0/2

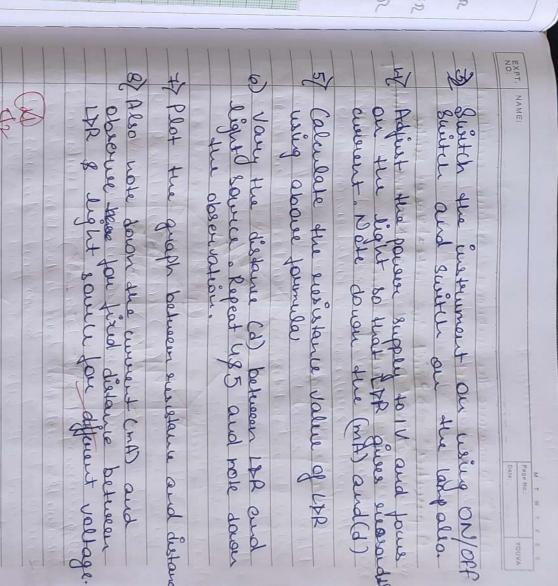
EXPT.	ONE YOUNG
57	The Sensitivity Buob is now moved to its maximum position at this near balance condition and once again the boildge is balanced by varying slightly.
67	At balance, the corresponding balance resiston R value is executed and the unbusiness resistance is calculated using the equation.
7	X = (P/Q)*R
8	The about perocedime is repeated for different values of the (19) ratio and the reading are entered in a tabular column.

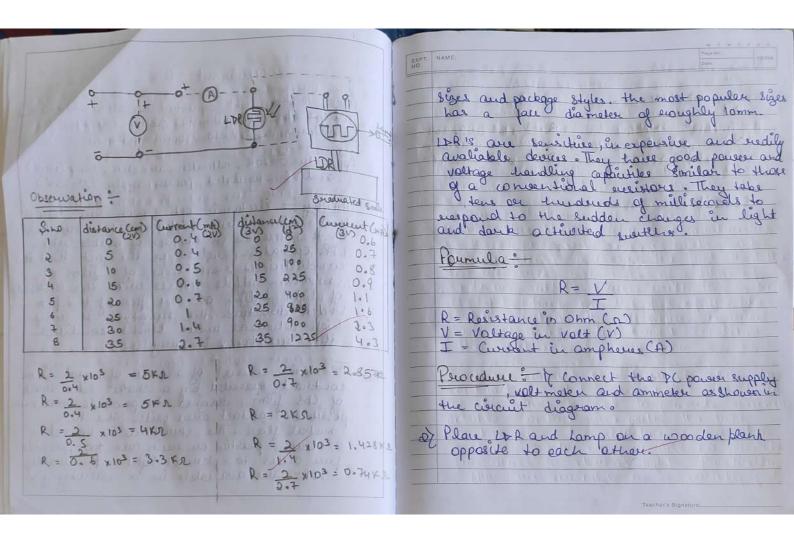
Result: The medium resultance of the given specimen using whatstone's bridge and are to be found to be: Medium Resultance=

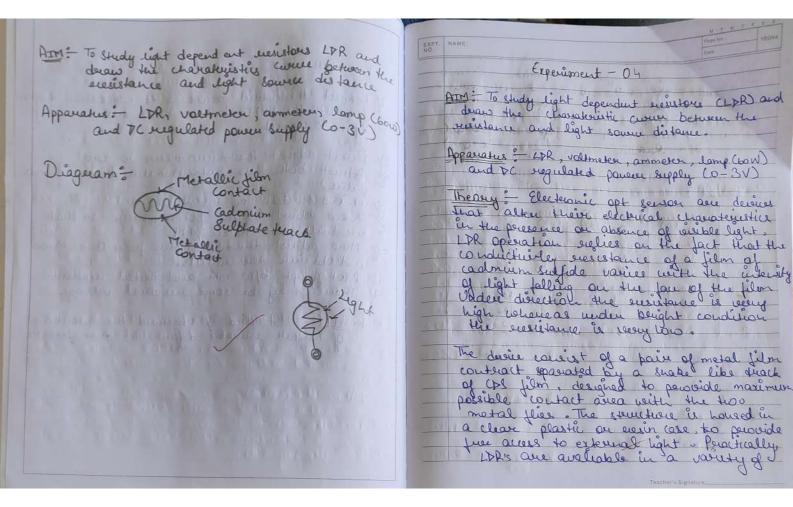
Theory: Wheatstone boudge, also known as the resistance boudge, calculates the unburouen resistance by balancing the two legs of the beinge count. One leg includes the components of unburouen equistance.

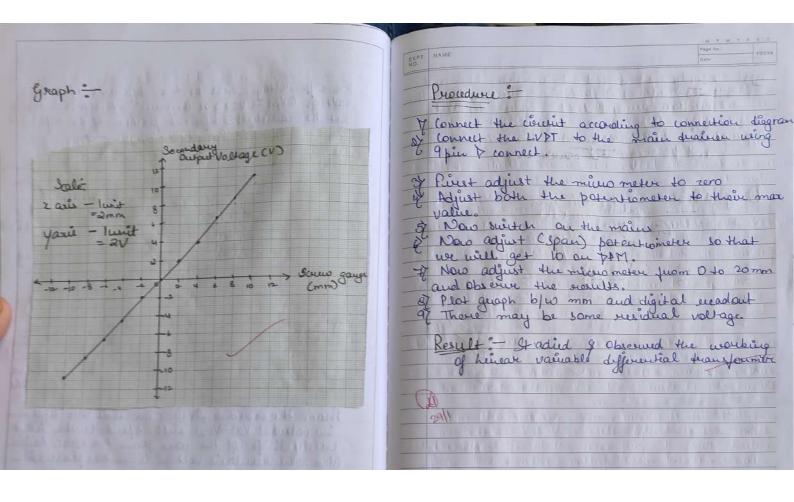


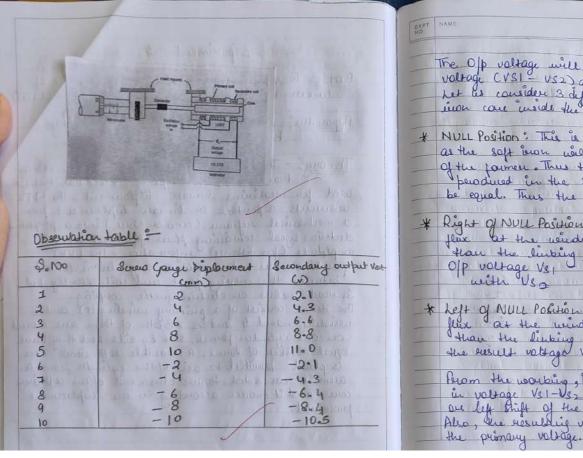












The Off voltage will be the difference both the 2 voltage CVSI - VS2) as they are connected in series Let us considered 3 deferent position of the soft with care unside the transformer - 7

\* NULL Position: This is also called the central position as the soft wom will enough in the exact position of the pamen. Thus the limbing magnetic flux.

I have former of the 2 secondary residings will be equal. Thus the wesulting voltage (Vs, -Vs.) = 0

\* Right of NULL Position: In this position, the limbing flux at the winding so has a value more than the limbing flux at united by I have in phase with Us?

\* Left of NULL Position: In this position the limbing like at the winding St. The Off voltage Vs. -Vs. will be in phase with Us.

\* Left of NULL Position: In this position the limbing like at the winding St. Thus, the resulting flux at the winding St. Thus, the result voltage Vs. -Vs. will be in phases.

\* Left of NULL Position: In this position the limbing like at the winding St. Thus, the resulting flux at the winding St. Thus, the result voltage Vs. -Vs. will be in phase in voltage Vs. -Vs. will depend on the sight and lift of the core from the NVIL Position Also, the resulting voltage is in the phase with

Apparatus - dineau voinable differential transporment.

In committee distribution of the displacement to the LTV.

And the machining lineau displacement to the LTV.

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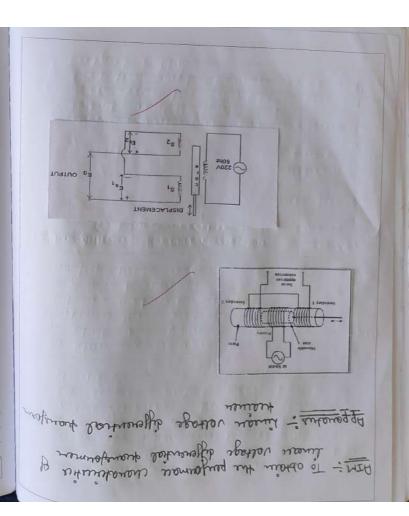
Operation the distribution displacement. The LVV.

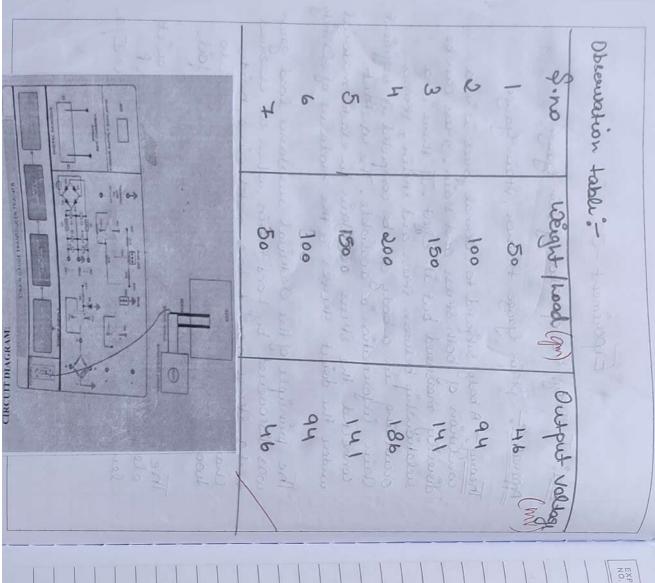
Destruite the distribution displacement. The LVV.

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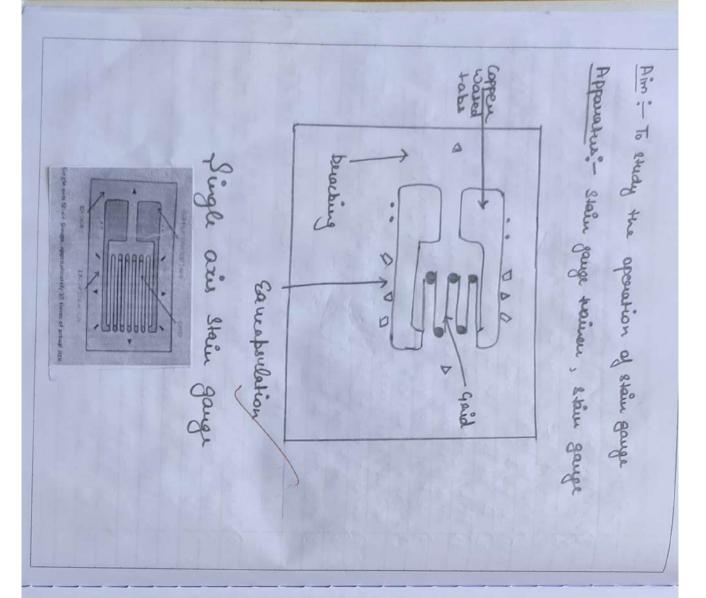




Thus to obtain a high susistance gauge occupying a small area, the motal chosen has a high susistance of griph loops and a west a comman material for stain gauge the odulance. The odulance.

et suette at the teamer Perocedure of Connect the status souson using adhesive used "is eastman, Dew Coment, et as a the test specimen extends on whats with a the coat of adherine. Most comman odwarie. under Henry la rothere property of herroungs Note down the gauge in the table deaves the module for 5 number for wasen Blen & winners but good on stain gangs autput voltage Connect the out put from conditioning Dtype connection to the flamese is suguissed to measures the stain langestar of the possession si De tuesen meter perousil on hood and

's Signature:



lengthet. according to the equation $R = I/a$ .	The principle of the electrical resistance load garge troat discoverred by Lord Kerein, notion to observed that a stever applied to a motal never, besides that books form, banded freve and banded foil.	merka ha	EXPT. NAME:
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by CND- know CND re	lue in Dieps	ay o	
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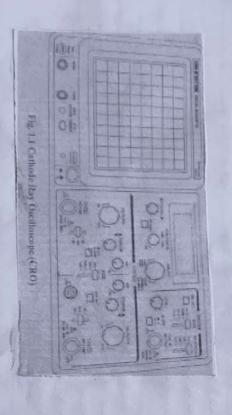
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	1. Eswar =	:   Actual -	- Exposiment of

EXPT NAME
across the screen, suspeats that at a contain frequency as the source of the signal. The voltage to be supplied to y- plate. The combinal suspea and y voltage peroduces a graph showing variation of voltage with time.  Disciption of CRO Features:  Display control  Och Output: Generates a perobe compension signal, positive square warre.  2) Intern Knob: Controls the benghtness of light spot.
Spot.  3) Focus Frob :- Controls the focus of cause form  4) Texas subtation point: Controls the alignment  5) Auto time base
Desplay ?  Desplay?  Desplay?  Desplay ?  De
Hortzantal Contrals:  1) Hortzantal Position brob - Consols horegardel parts  11) XIO mag swotch: Hagging the horizontal scale by to

AIM Pam Managation with reminous Compand Constral

Objection:

a) get familian with the use of different longer of the distribution of the familiar massivery the amplitude and the family obcill oscope Junitian generation



Apparatus: (atuale Ray Osüllosups (CRO), feurdia	amplitude and Jenguary.	Objective :- 1) To get forvillage matte the use of	Cathode Roy Oscilloscope (CRO)	Experiment No-1	NAME:
Moscops (	gral m	the street	May may	The way to	Page No

The deep of the most widely used most with the disserbence of the grand with best also and with and fines wot only measurement of the quantity best also analysis and manipulation of the quantity best also analysis and manipulation of the discontains mainly of vaccum the quantity busing attract analy and electrically of a strated to pall on the several controlling the intraction of a beam household of a beam household and certifically. The short are hospitally and certifically the e-beam household is constructed to x platts. The beam household is constructed to x platts. The beam household is constructed to x platts. The beam household is constructed to x platts.