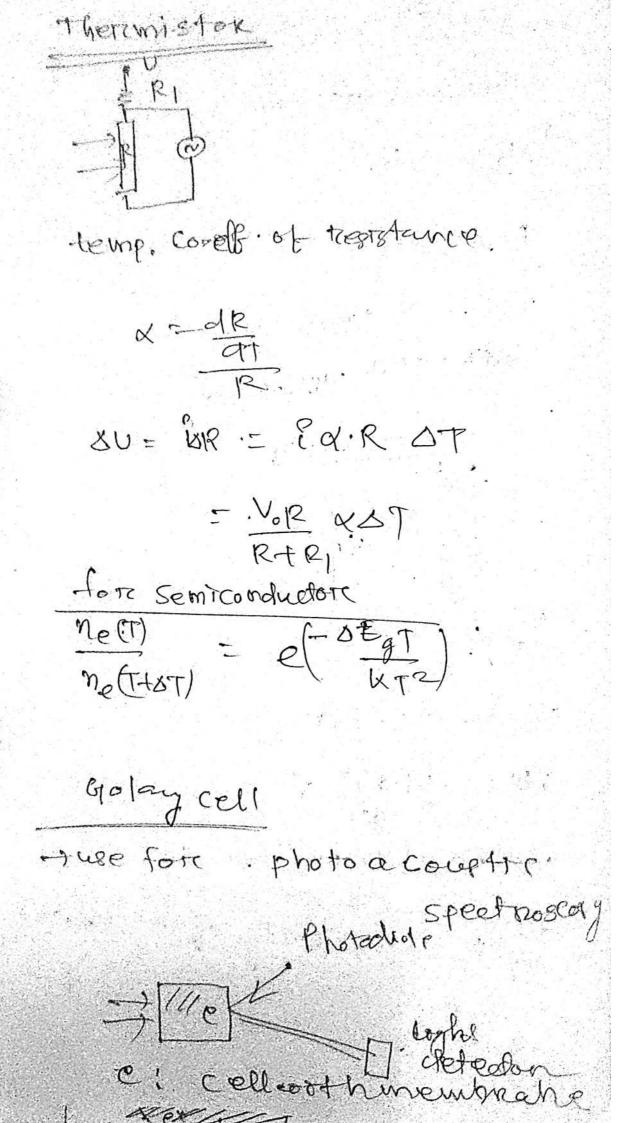
pare - 1.00,000 Theremul detection Belometerr Thermal Emageny Infra red) heatstok DU = NIQUE ST N: move thermocouply dr: Sensittivety of each were coup



folled with gost. PV = NRT du = nRat . 1 10 -) change inreeffected tosition)! of loght as change in Especitarce Pyrcoelectruc defection. gpoeledail. eletholo. has endowners ex dipolemoment. which aurange with temp. (5 to Meed nodis p .). change in Scanface

Atlinations Photodeledon 1, 16 m EQU) (1241)

Ge: 0.6 eV & 1.9 pm Gals: 1.42eV & 1.88 pm Pbs: 0.557ev & 3.356 pm

Photodrode anony

Longth of eachdode: 15 pm (1)

Spæeeng betærendid F: 10 pm(d)

1024 Do do od p anem

læng-mot detector (15-41) 1024

= 25 mm

lencer dispersion ifort each deade.

Spectral Resolution: dx XL

= .2×12×15.3

= 0,128 nm.

Spectrocal orange Spectrocal or

Also Called Multi-Cleve

ee D

thing Mies drode / percels

Source of Noise also called alarch noise Short noise of Archadsoncoph Company of the Short of the Sho	Date	05°,00	, 625	·		ì	
Mychoohennel plate Source of Noise Source of Noise Theremal Noise Strcholonegh Shot noise Johnson Moise, Theremal against a discrete natacres cha	PM	<u> </u>		•			
Michochamnel plate Source of Noise also called plate of the moise of the plate of	sen	res of	-dymod	ઇ.			
Michochannel plate Source of Noise also called plate of the moise of the plane of	1				C	: <u>Q</u>	= 9 ²
Source of Noise also called al						= 5	?
Source of Noise also called al	Mrd	200her	nuel	plate	· · · · · · · · · · · · · · · · · · ·		. p. 1
Thermal Noise harched sone of h Shot noise harched sone of h Shot noise harched sone of h Tohnson noise hortenal ago				. 60%			
Theremal Notse Jarched Sonegh Short MOTSP Jarched Sonegh Short MOTSP Jarched & nature of the Charles of theremal aggreent that aggreent aggreent aggreent that aggreent aggreent aggreent that aggreent aggreen	Se	erece.	of H	9270	_ = 150	calle	d
3. Johnson Moisp, Theremal agg.	100		11.00		Archa	done	of-h
Therewal agg.					T=	972	0 27
	3	:Johns	on ma	-, 9 2Fc) Then	-wel	chain
A. Shimay light -	-10 m			3. A. S. S.		ું નુ	ye was

legheranel leng wind Mosternal don amountage oscillators model demposedles nitrà tre a so 200) = 200 = 20 (cos(cof-10)0 w= (eb2-A=12 Superc position of oscillation

difference frequend

 $3^{\circ}+\gamma\gamma i+\omega_{3}^{2}\chi=0$ multophy by m of

mn'n' +mn x 2 +mo 2 xx = 0

main - minstrin = - odom or wind 2 de tomois de museus jo - minis =) du = -ormai n= xo.e - Wet. cosust. n = 100 = 100 Cosist of = 00 [cosport (v) i of enjoyment er note 1/2 opposition of the the> = (runie) · - - C YWM o cole