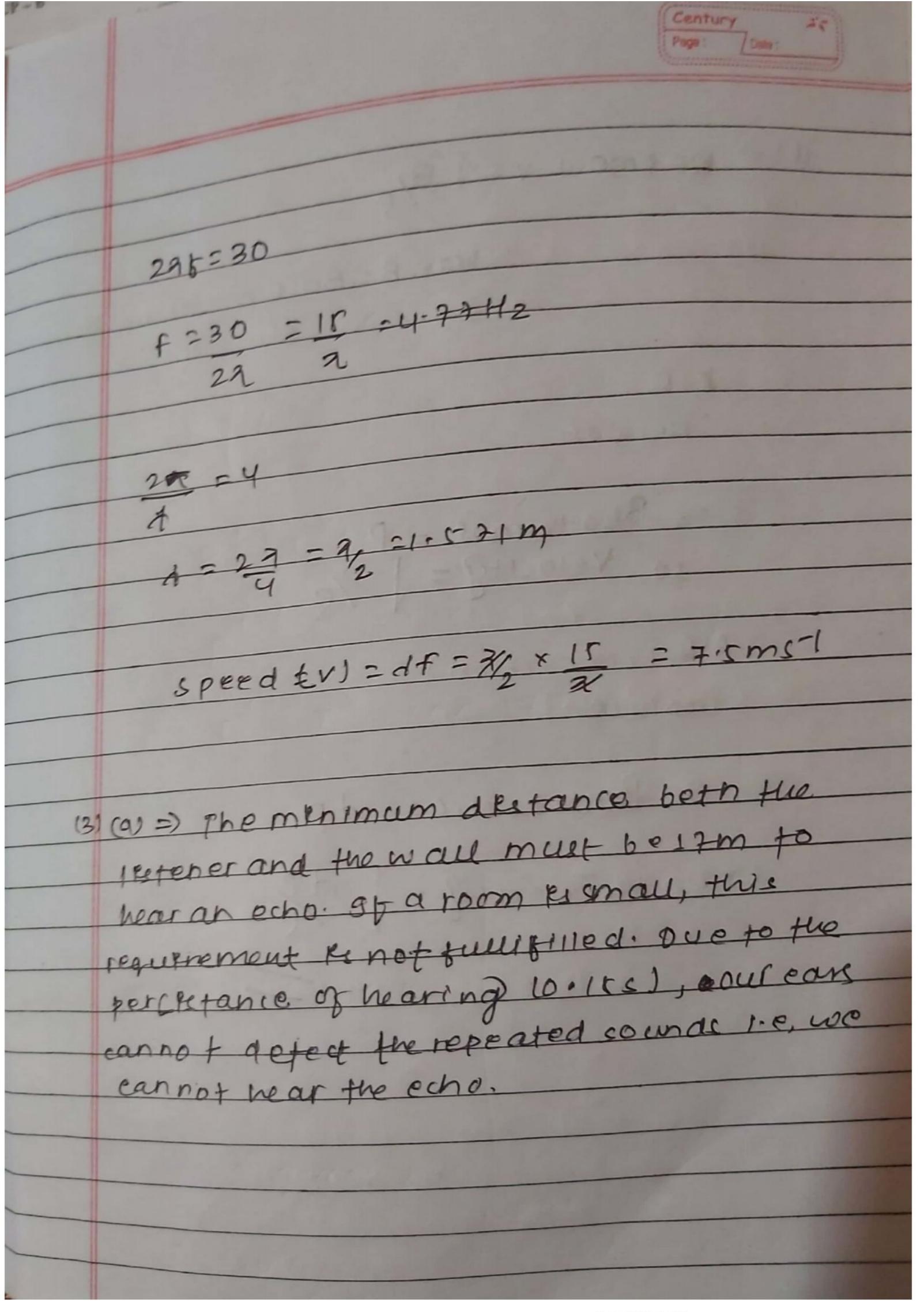
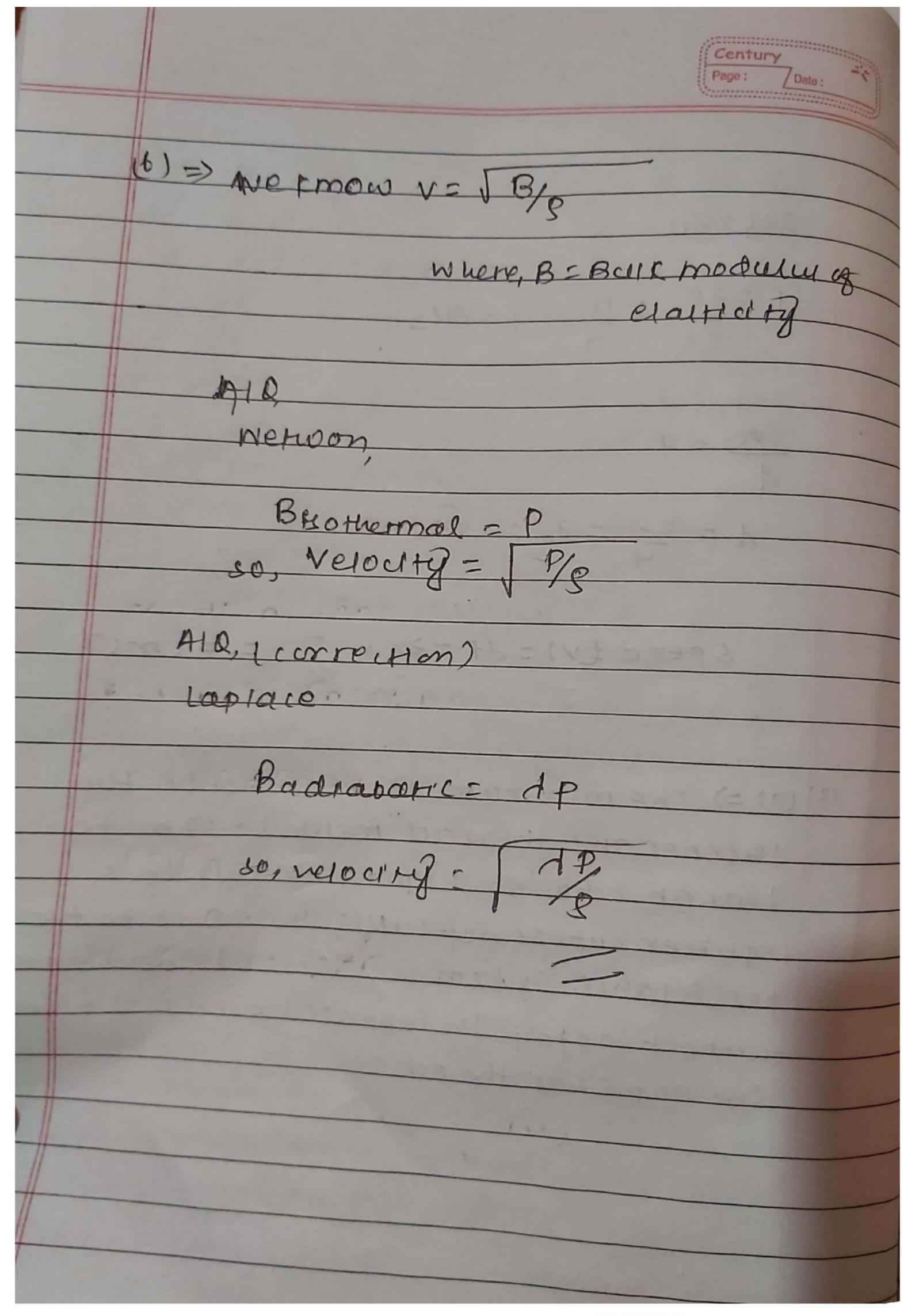
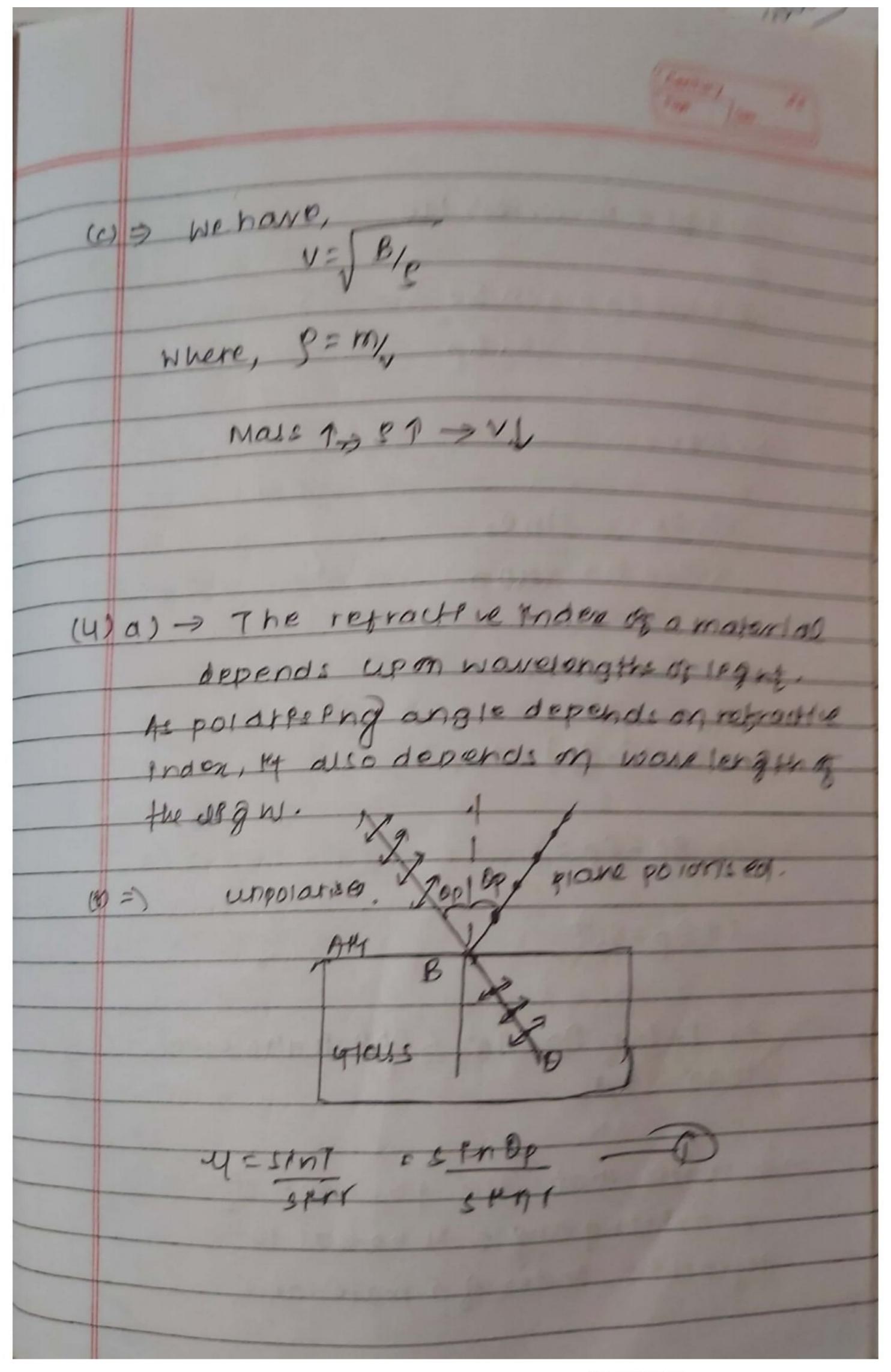


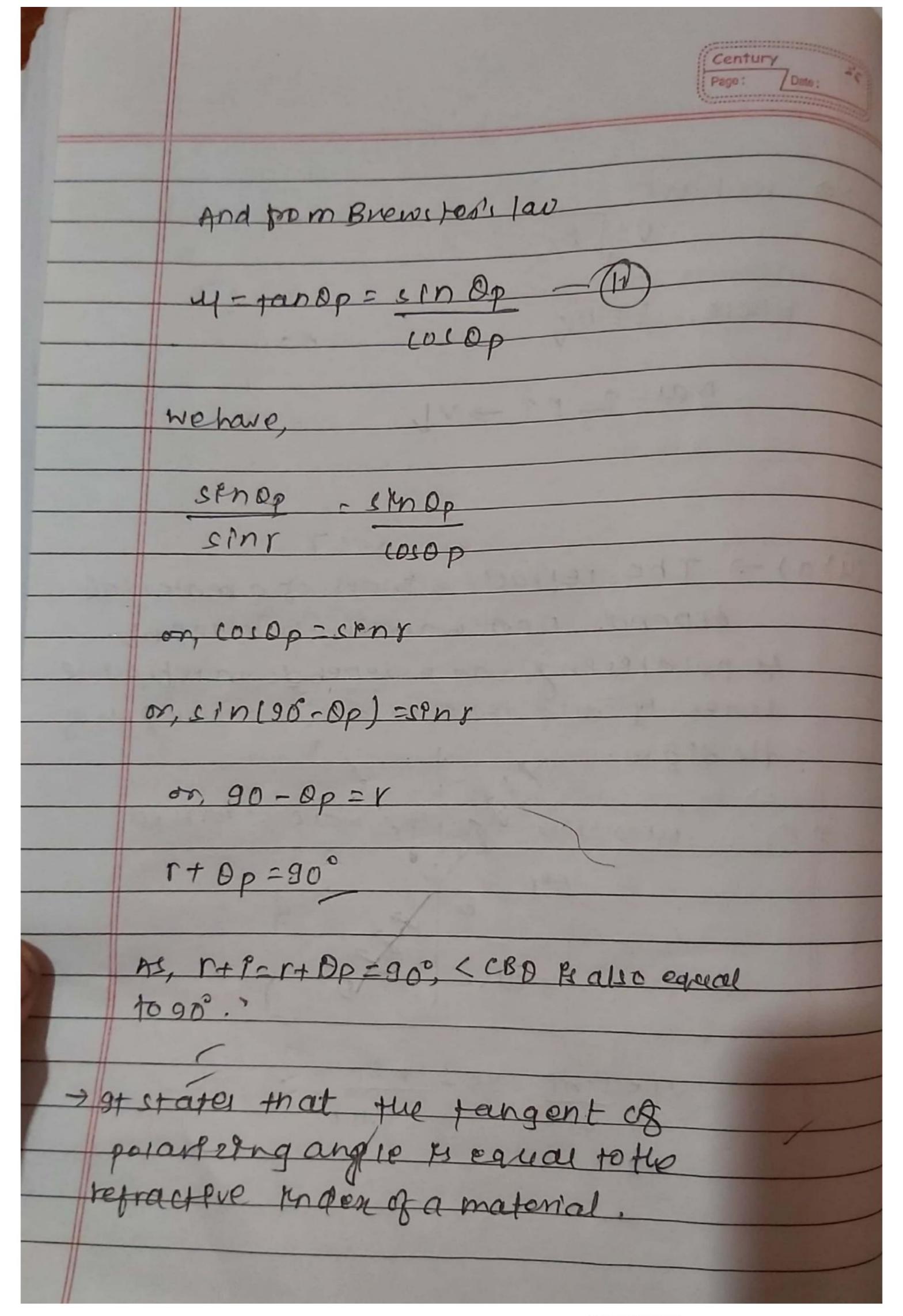
073 a) > A gas system contains consists of molecular motion and molecular interaction. The molecular potten posses K-E and the Enteraction possess p.E. The sum of ream PE = Total I-E. At same remp, Ex remalu same and Ep vanies with knotemble audax distance. At high pressure, volumed and Inter morecular distance, a and mutual attraction bet & molecules increase and intermoleculary potential energy decre ages. But in case of aport and intermolecular p. E increases. (b) Adiabatic relation both remperateurs & vouise PVINRT n FT VY = constact PTVY-1 = constart TVX-1 = constant TV 47 = constant

COMMENSAGE MANAGEMENT OF THE PARTY OF THE PA	000
	Contury Tom
18) Temperature & pressur PV = DRT V= DRT	5 Y.
P(nRT)Y-c	onstart
pt-YTY(nx)Y=	
$p^{1-1}T^{\gamma}=con.$	craut.
	1120-0-0
(a) =) progressive	stationory
same phase and amplitude.	(f) Amplitude vonies with position
(iii) Energy se transported.	(fi) speed vanies with position. (ppi) Energy & not transported. Scanned with CamScanner



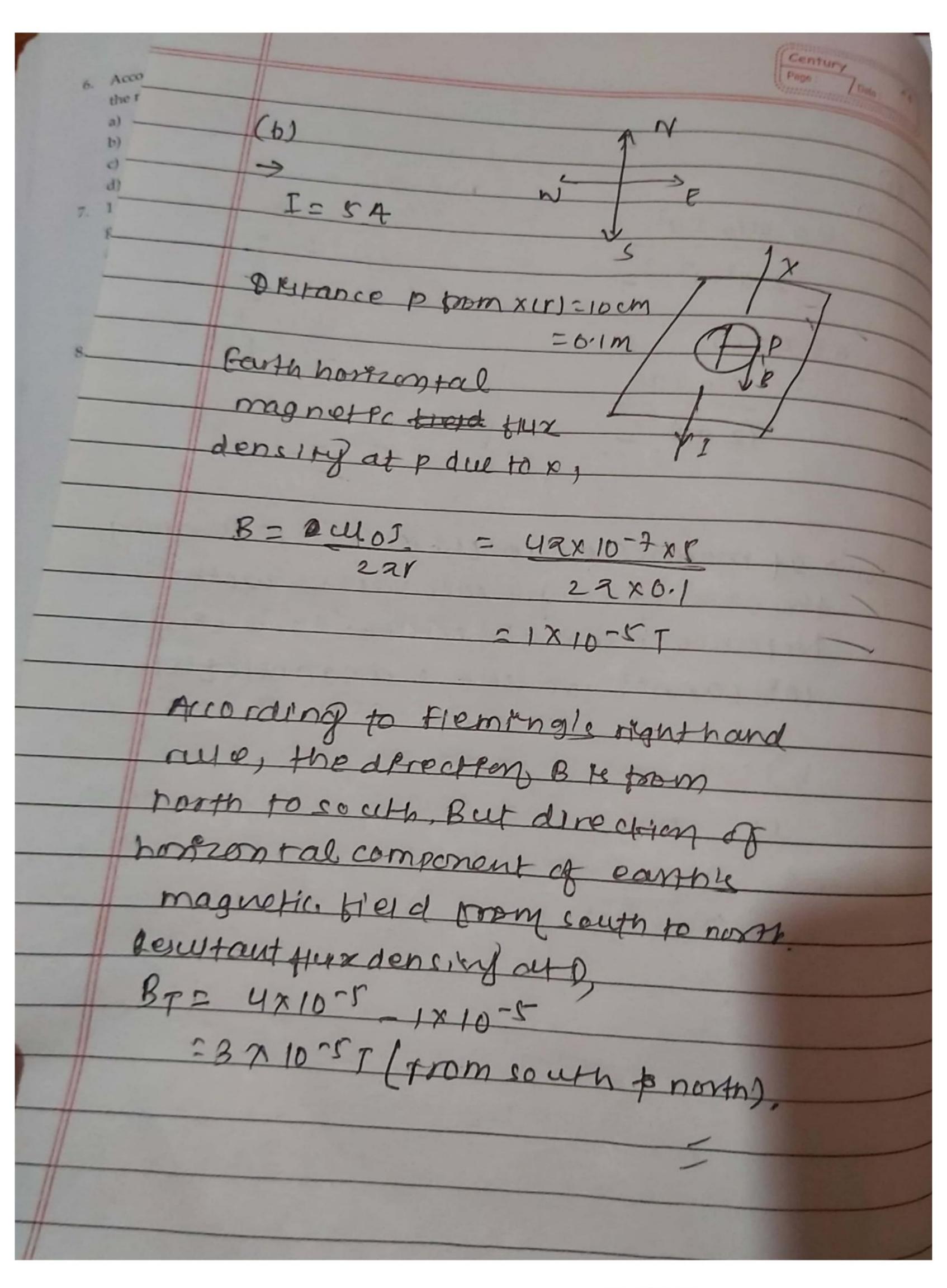


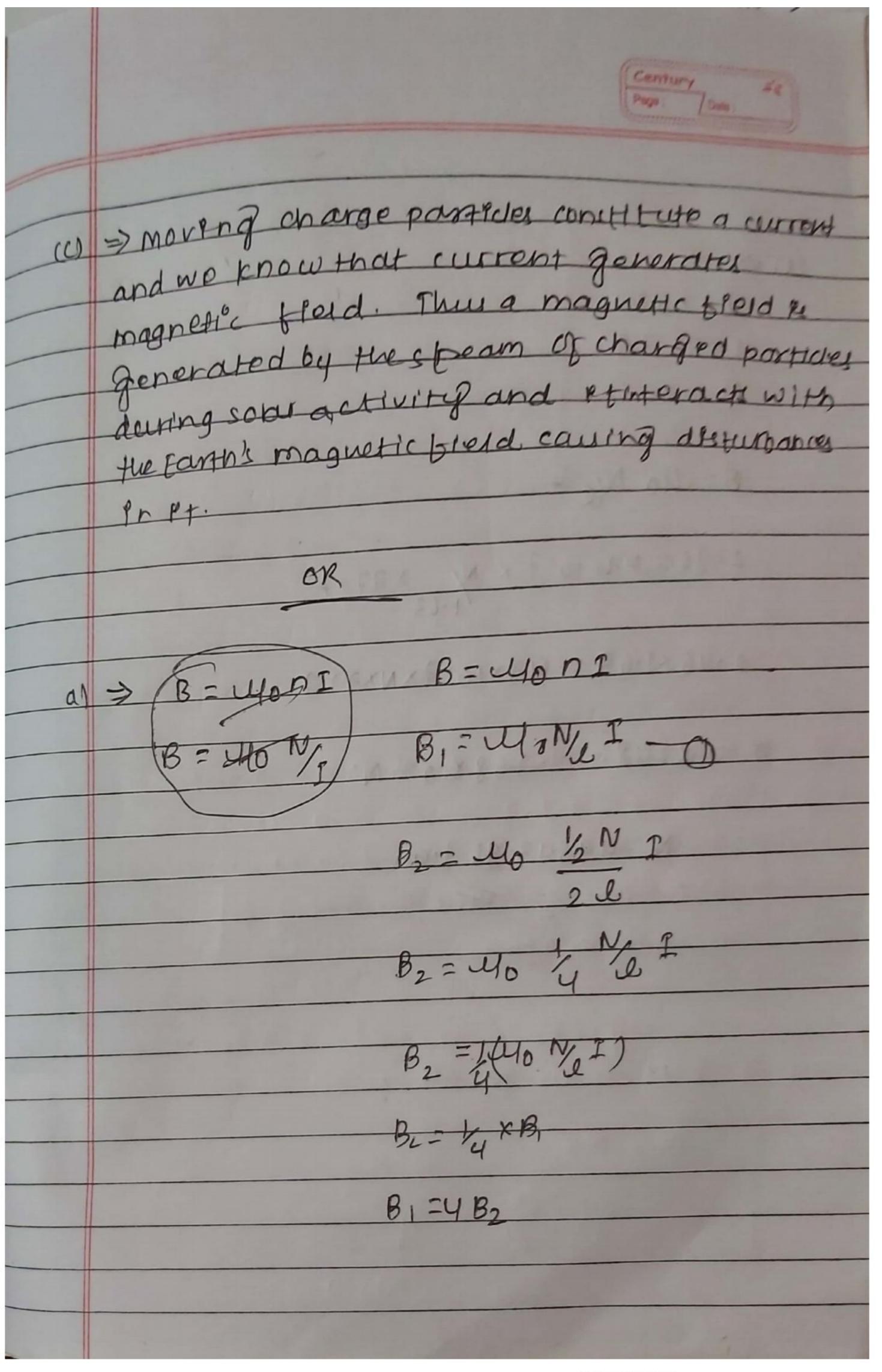




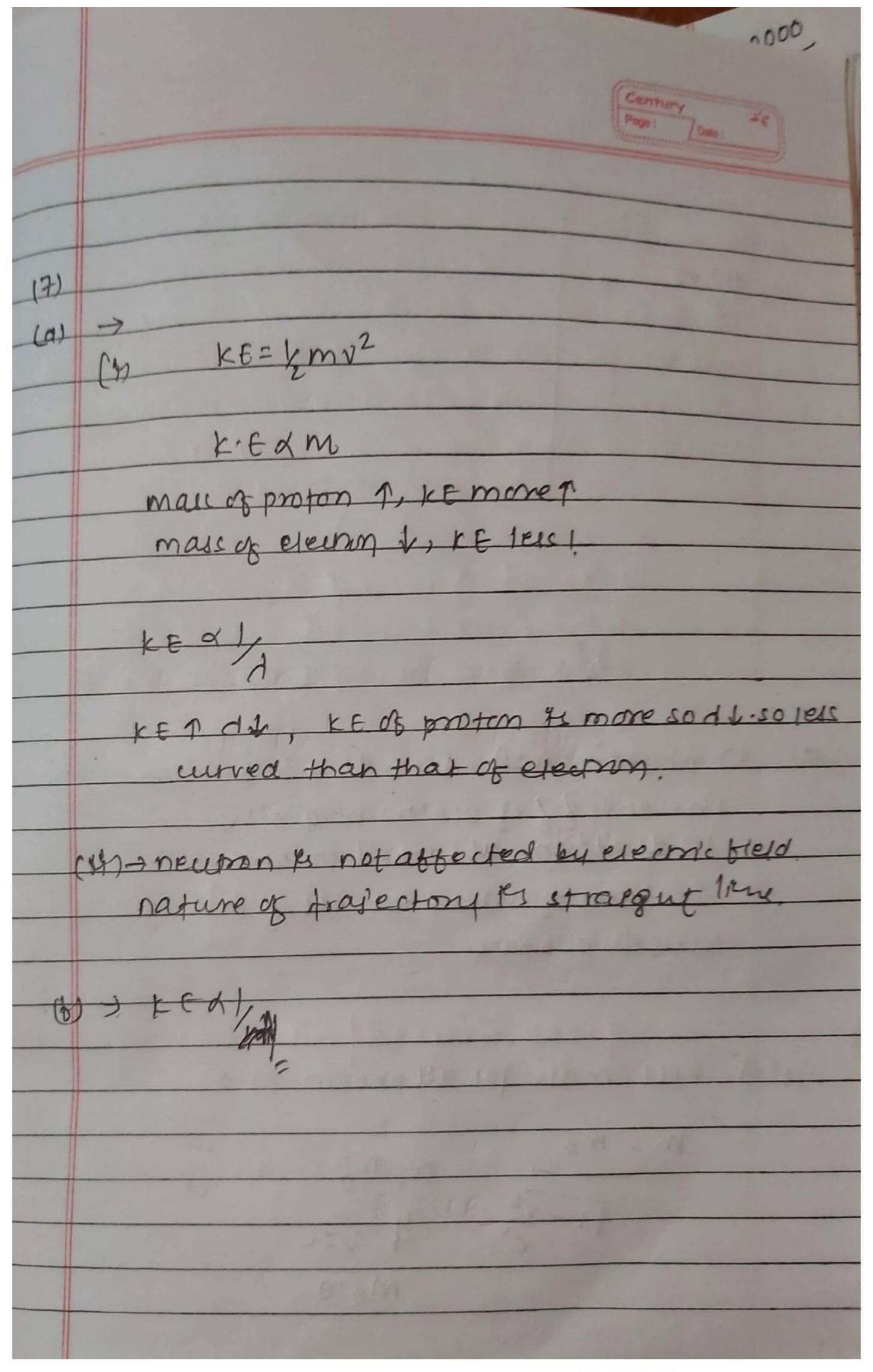
6	Century Page: 7 Date:
7.	
	30n),
	R=600
	B-2-5T
	0-200
	E2 BUV
	$= 2.5 \times 1.2 \times 2$
	= 57/17
	= RN
	[= E,
1/2 -	R
	- by
	21A
	f=Blwd
	= 215 x 6 x 1.2
	6
	=BN
/	

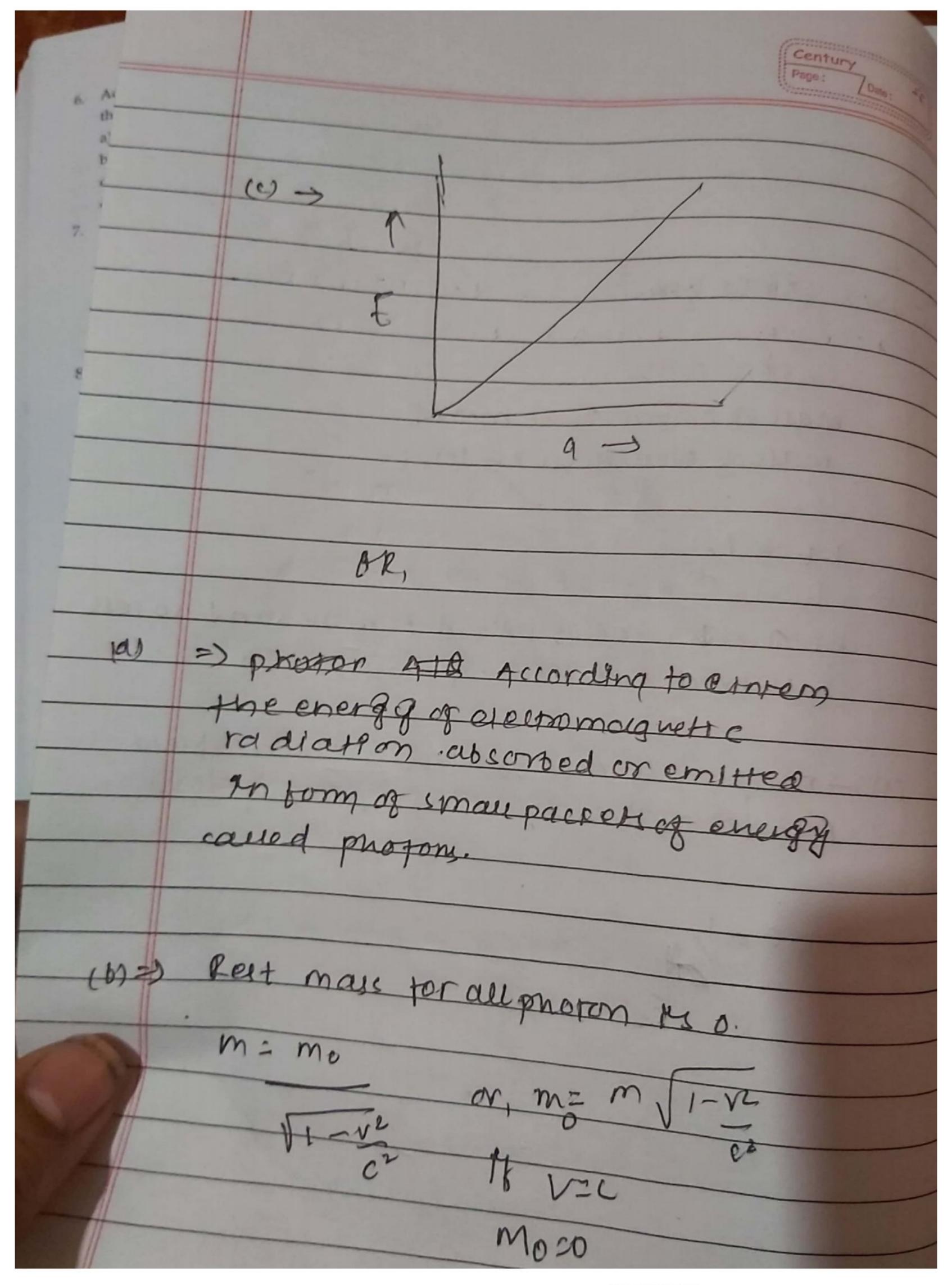
B = $u_0 I a^2$
b) of means magnetic field varges along the axis of single cost varies with Asstance 2 from the centre. so, a crage 1081 cannot produce a magnetic field. b) Magnetic field at center of coil is
maximum and decrease with the crease in distance along the axis of roil.

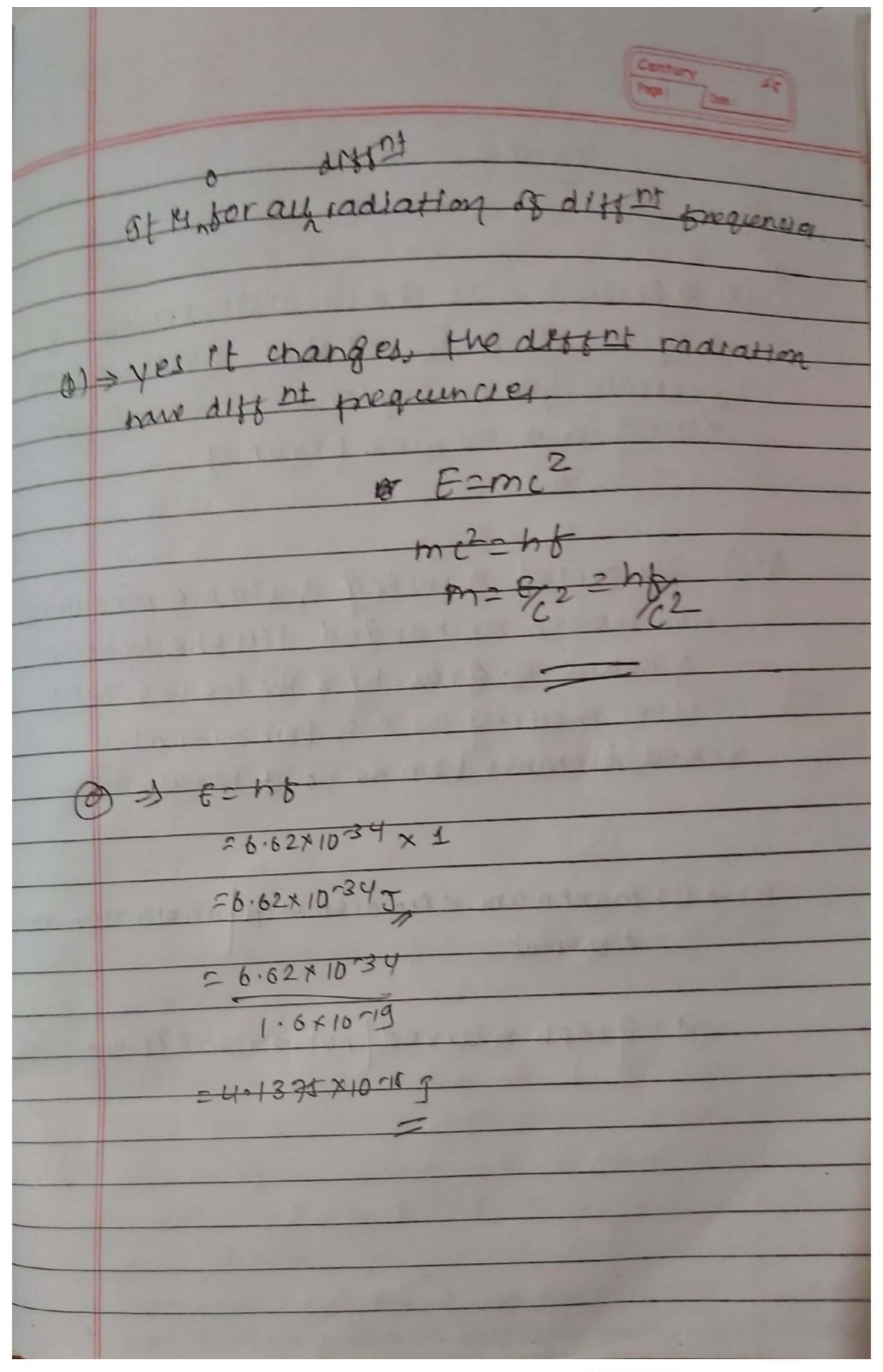


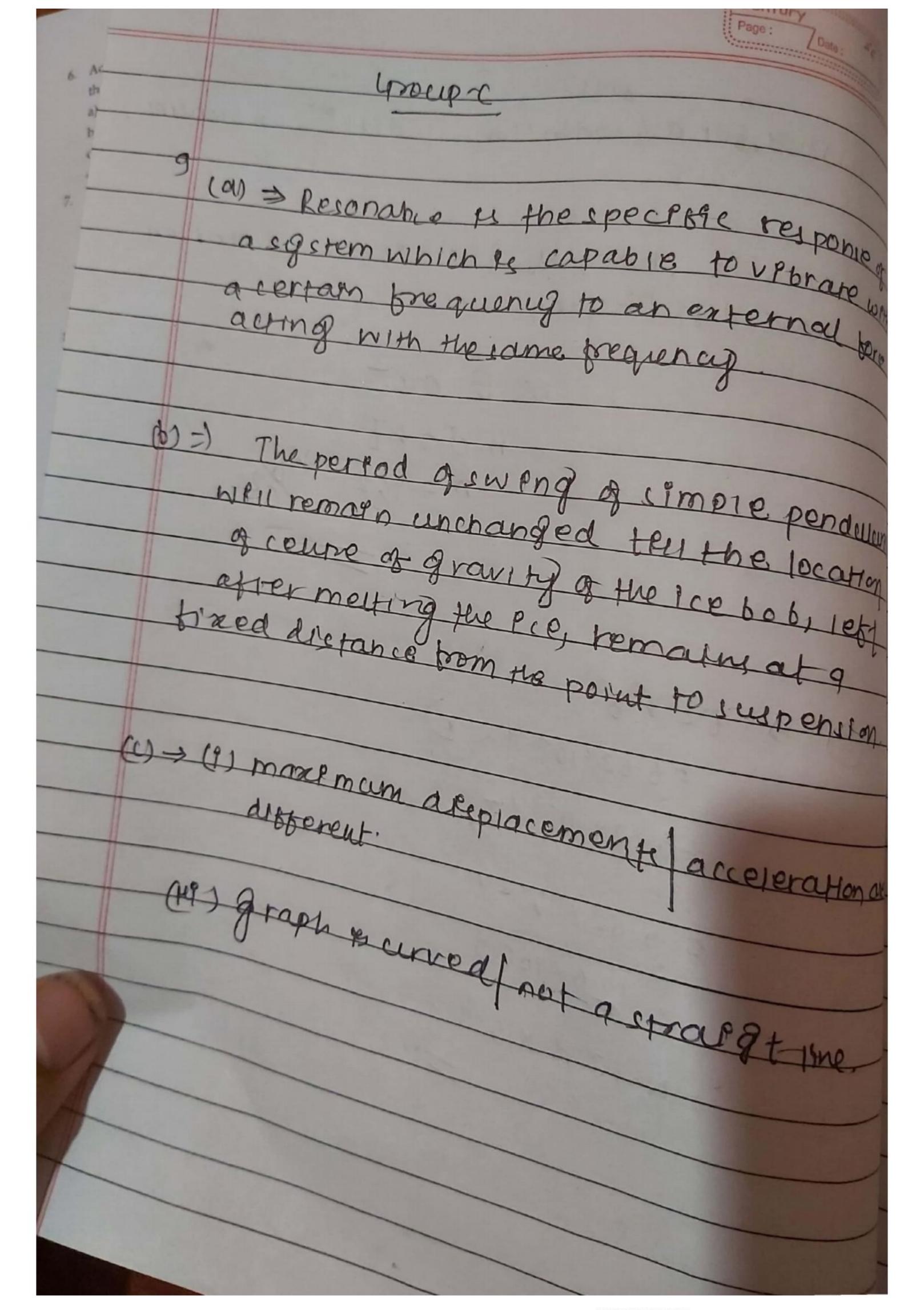


	Century
6. According	Page: 70m
the reve	The state of the s
a) Voluments	
o) Ter	
d) Hr	
7. 1 mol (b) >	
B-2-96 T	
b)	
0 0	
0 10-27-967	
8. 1	
- B=UON, I	
The state of the s	
2096242000	
77x10 + x N/ x 22.2	
1.12	
2°96 = 49×10-7 × Ny ×77.7 1.63	
2.96×1.63 = 42×10-7×N×77.7	
1000163 = 42×10-2×10	
TITO IX NX 77.7	
	0 62 18
m, 4.8248 - 9.768 NO - TN	
7-824X= 9-200 m	
908 XIO - 1	
Nº 49 DAD A.	
1293,93 tum	
N=49893.93 tum	
	The second secon

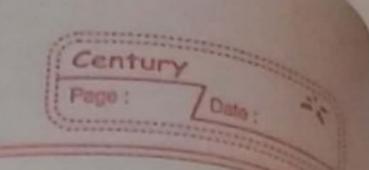








) => T= 27/49 2 1=29 10.0 = 40 3.5 c = 20 t = 849 mins. Time taken to cross tunnas 7/2 = 42-3 min The property of traced at rest by vertue of which executace behavesippe smetched membrane and occupy minimum curpace amon anca formation of lead shops: morder anatacture lead shots, metted leader wood to fall in water by spraying it from height. Duning Its tall, the melted ead forms spherical of anop are to sunface tersion of orces and on entening water, they become soil.



(b) I greene of temperature reduces the surface tension since hot soon has less scurbace tension than cold coup so that hot soup spreads through out in our tongue and we feel taity.

(c) $\Rightarrow l = b cm = 0.06 m$ b = 4 cm = 0.06 m $t = 2mm = 2 \times 6^{-3} m$ $0 = 0^{\circ}$ $T = 7 \times 10^{-2} N m^{-1}$

Total length of contact (1)= 211+6)

= 0.cm

Downward borce due of F- Tx1

= 7x10-2x0.2

=104×10-2n

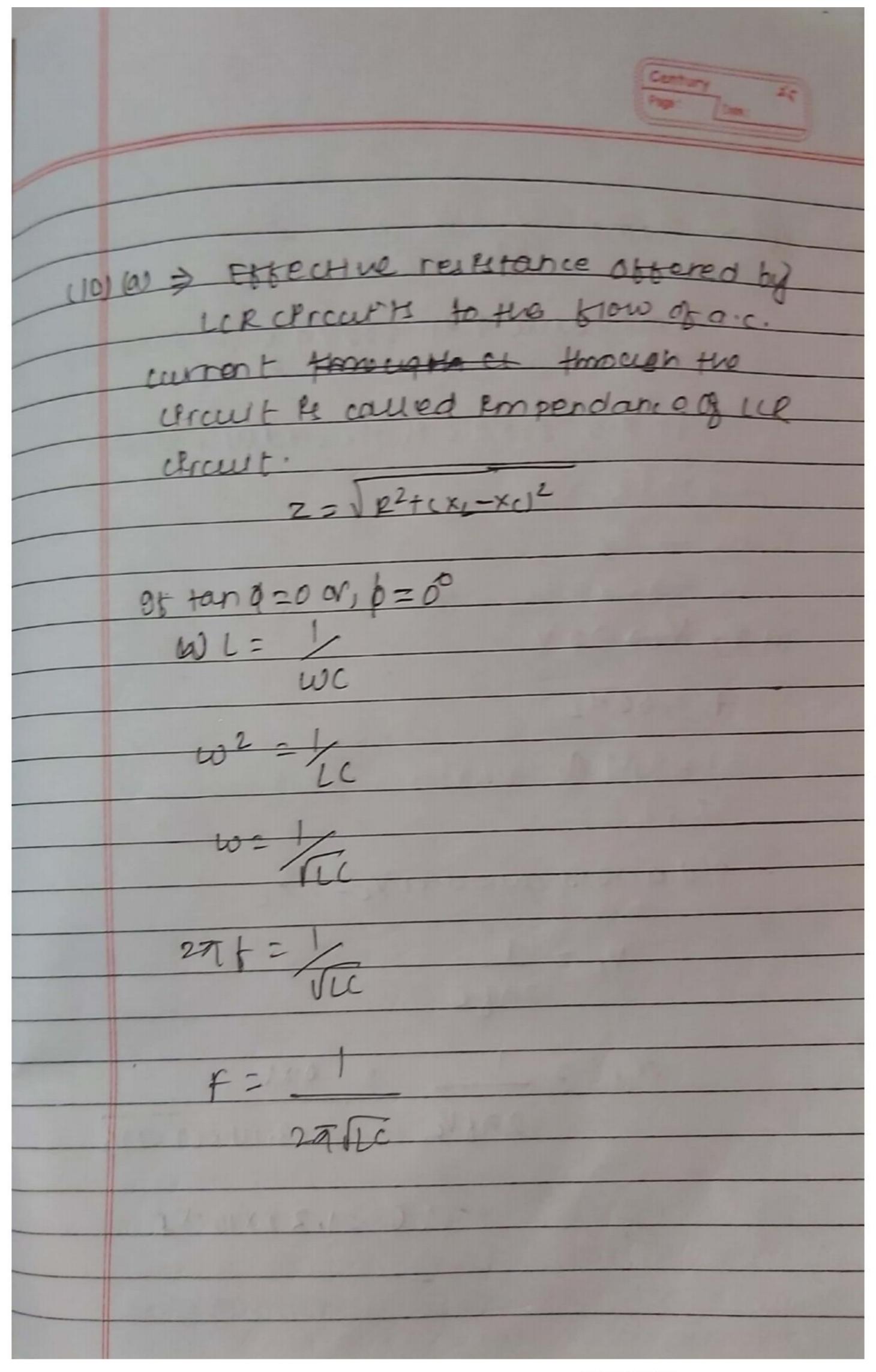
then plate is placed vertical,

Total length of contact (1) -2(ett)

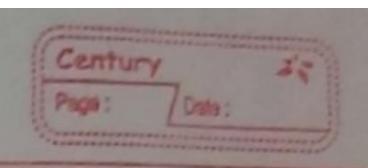
= 210.06 +0.002

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Downward forcue due to f= TxL= 7x10-2x01



Century Page: 7
6. Accordir the reve
a) Vo' b) Pr (m) > Inm = I/
d) F
gas. The value 1 th 220 Vaic 150 dang they
b) ·
9nd·c 220 d·c 14 the stedy value.
5 Ve=170 V
$T = 60H_2$
I = 0.85 A
C=1
D. d. Charac
P.d a cross capacitor Ve = Ixc
V_=
2250
or, C = 1 = 0.8t
27 t/c 2x3.14x60x170
1 C = 1.32×10-5x



(1) of the Ah operations count remove

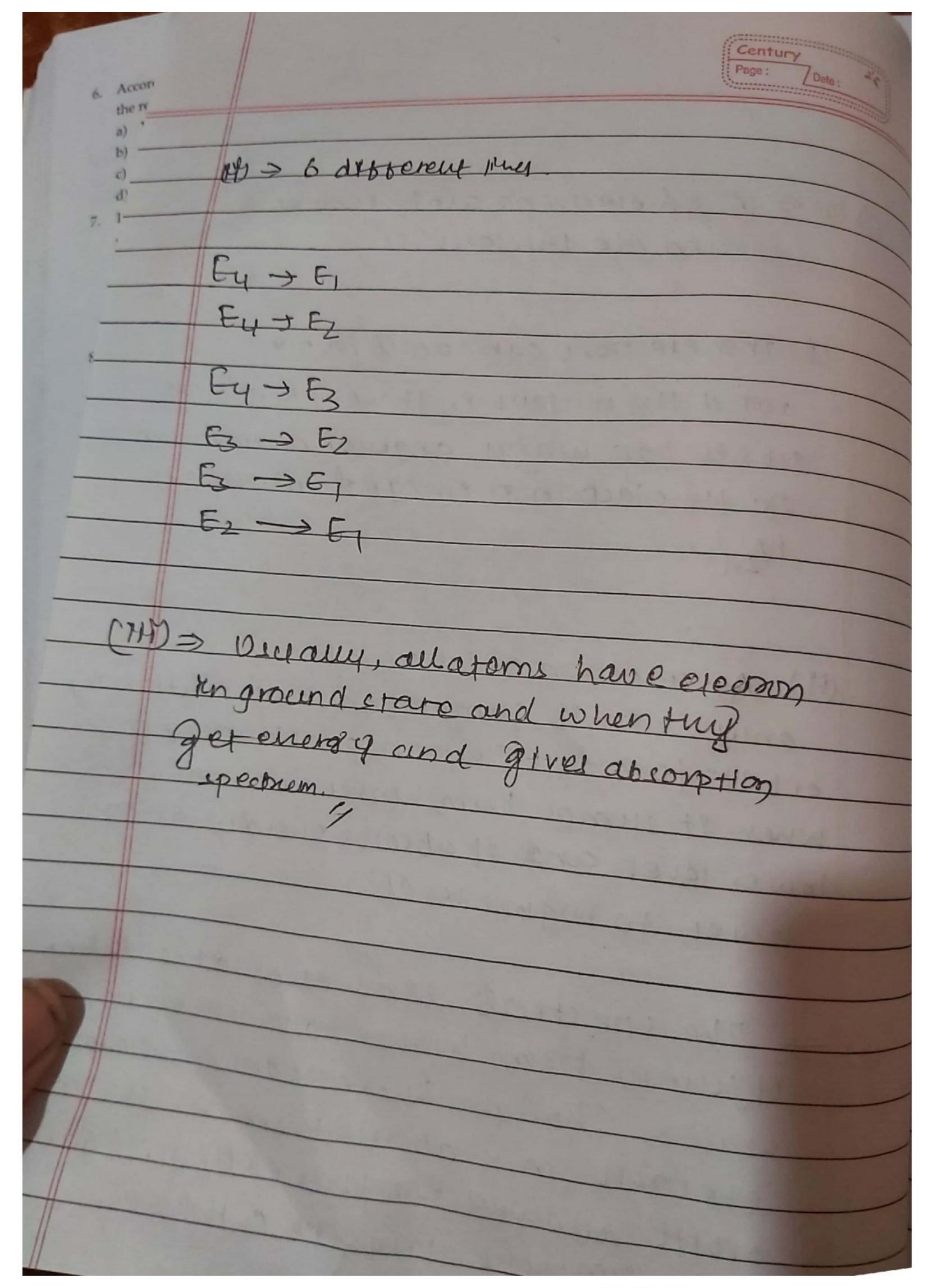
The electronic can only revolve rand the nucleus on those permissible orbits for who is angular momentum of the electron is integral multiple of the electron is integral multiple of the electron is integral multiple of

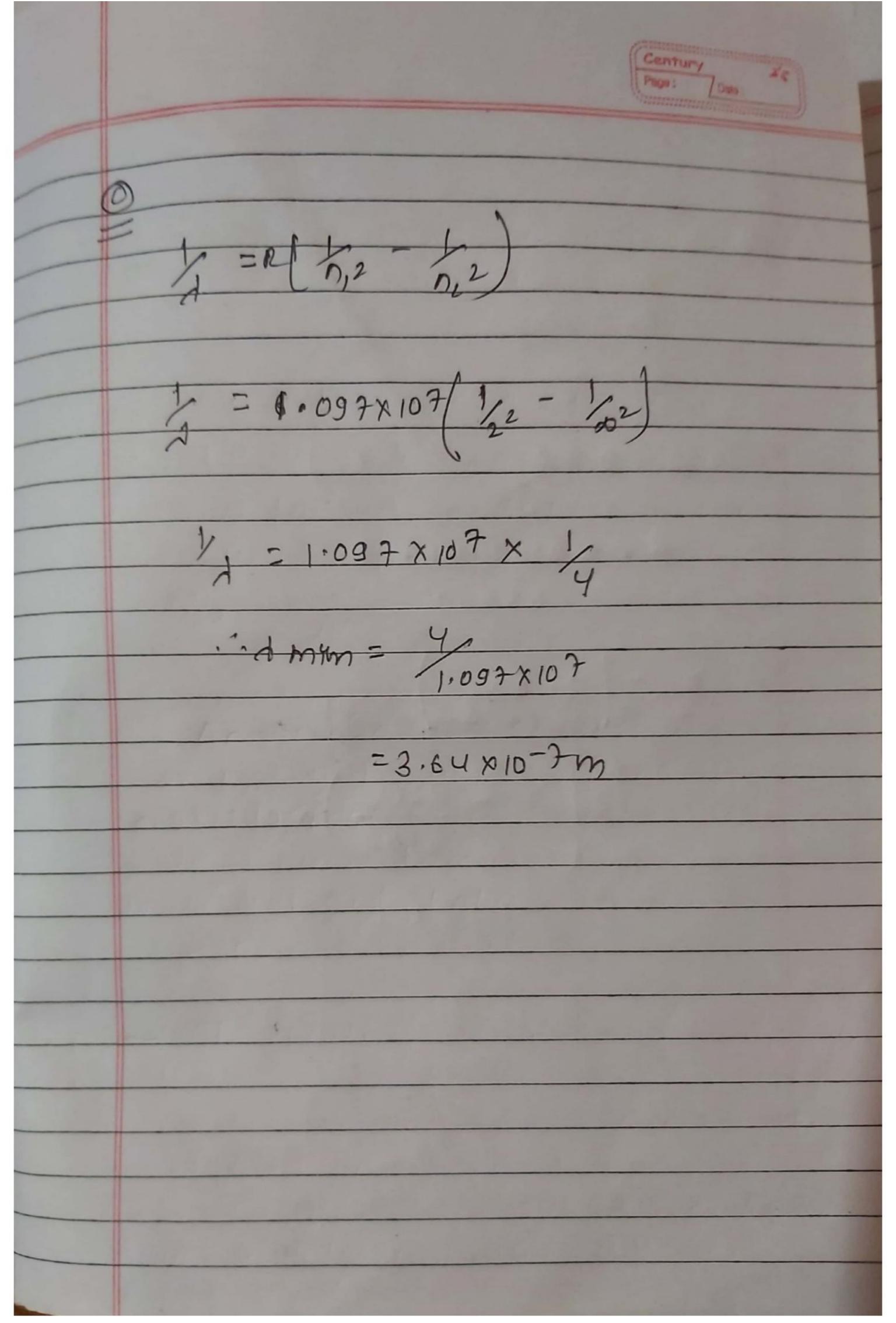
(4) An electron emits or absorbs energy
only when it jumps from one stationary
erbit to other. Electron emits energy
when it jumps trum higher level to
lower level and it absorbs energy trom
lower to higher level.

Ptjumps from higher to lower energy

crate. Though there is only one one
election in H-atom there are ceneral
orbits arowed too this election. Again 9

sample contains page no gr H-atom.







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Contact:





