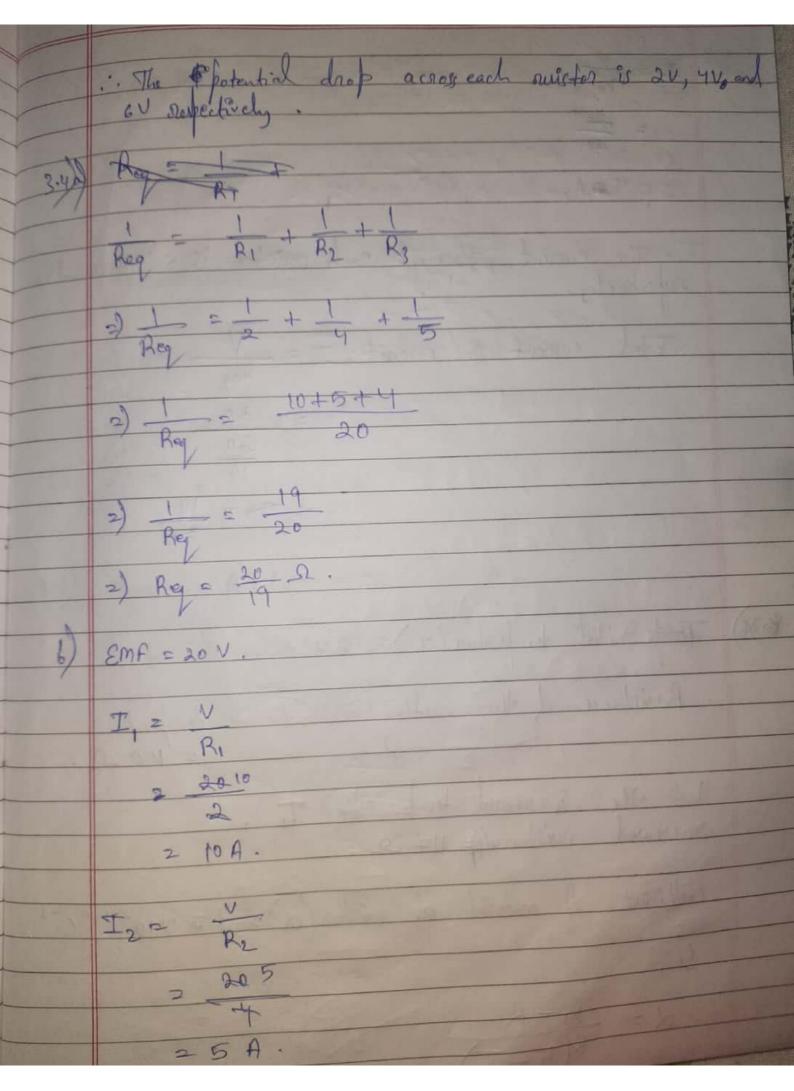


Scanned with CamScanner

140	cienit is closed		1
	- 12	THE RESIDENCE OF THE PARTY OF T	
3.3 m	oy = R1 + R2+R3		
	= 1 + 2 + 3		
	= 96 1.		
		3	1200
13 (1	MF = 12 V .		
1	N. C.	A TO BE	
Then	, I = V Reg		
		75000	
	= +21		111111111111111111111111111111111111111
		11110	
	= 2 A.		
			100000
So +	V, = IR,		
		12/14/20	
+	= 2 × 1		111111111111111111111111111111111111111
		THE WATER BY AND ADDRESS OF THE PARTY OF THE	
	= 2 V.		
		212 2 2 2 3 3 1 1	
V.	= IR2		
	2 2 X 2	The state of the s	
		- 12 4 14 14 14 1	
	= 4V.		
		- 49000 49	1
Vo	2 IRQ		
		FIRE CONTRACTOR	
	= 2×3	The state of the s	
	- (1)	Toward of small hall	
The state of the s	261.	Scanned with Ca	

Scanned with CamScanner

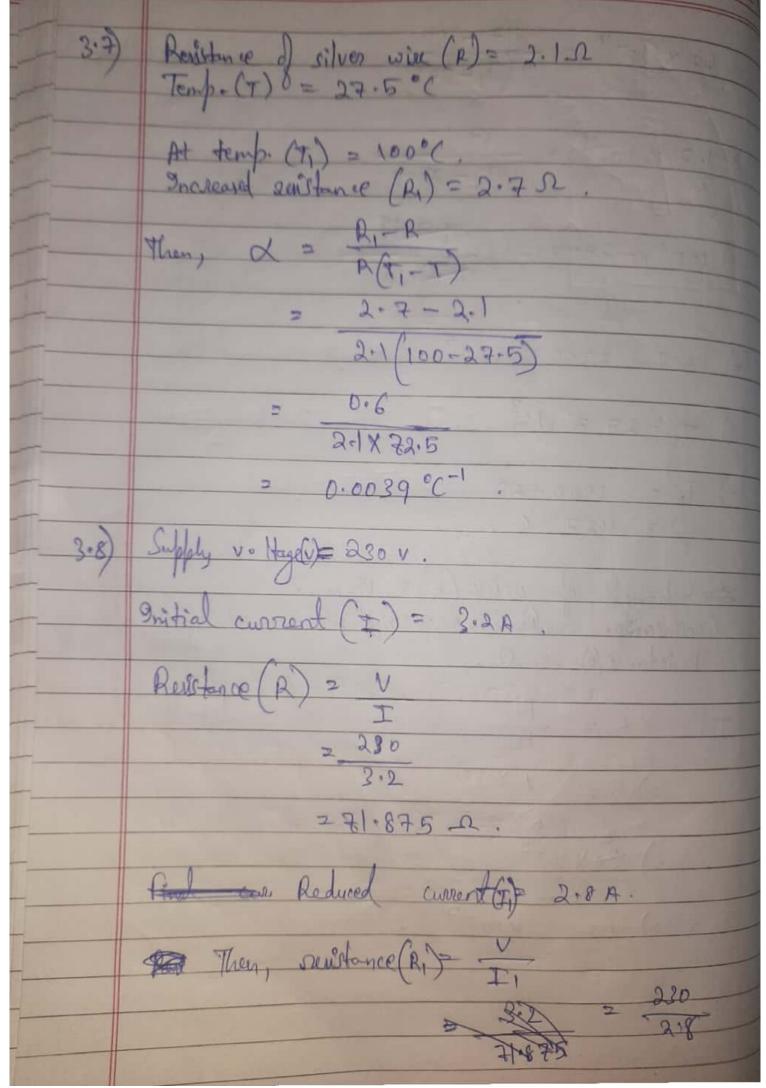


Scanned with CamScanner

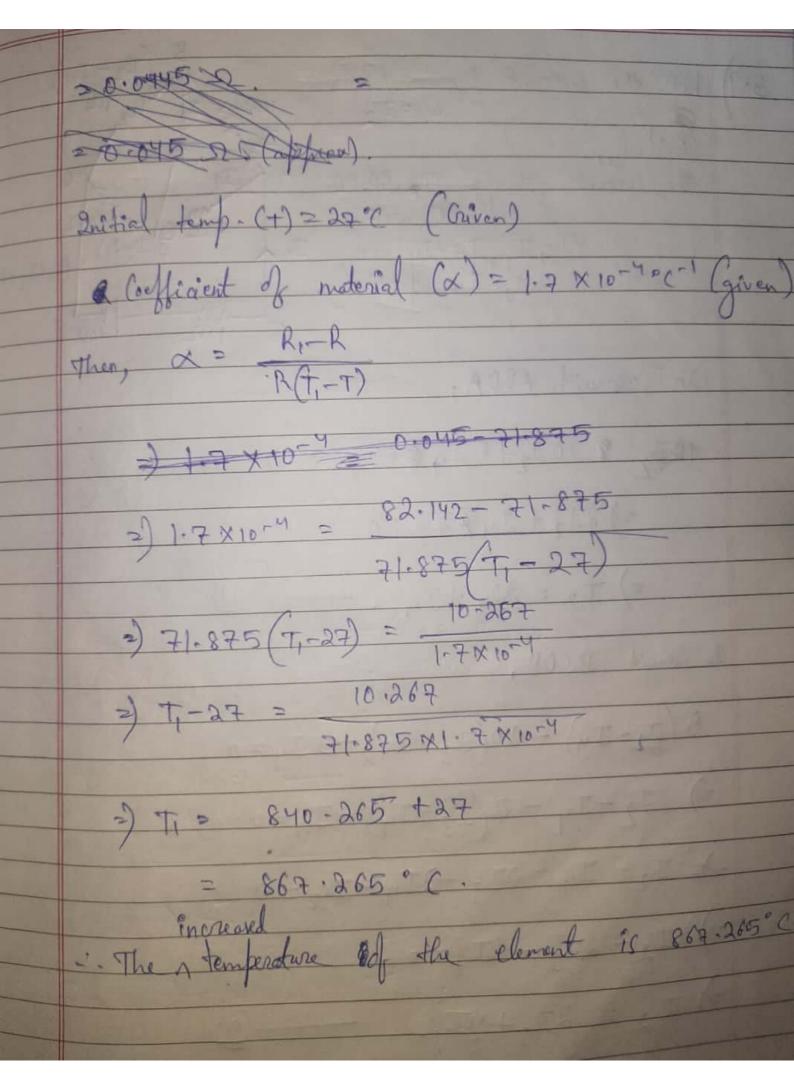
F-TE	Puge
Marie 1	I3 = V
	= -2a ^y
	= 4.A.
	The current through each newster is 10 A, 5A and
	Total current in circuit, I = V
	Pag
	2 20
	2.0
	= 20 × 19
	20
	= 19 A .
822	
(6,5)	For Initial temperature (T) = 27°C.
	Revisionce of the heating element at temp. T
	2 100 D
-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	hot the increased temp. be Ti,
	Coefficient of makerial of souther (a)= 1.7 × 10-4°C
	So,
	RI-R
	X= R(TI-T)
	Scanned with CamScanne

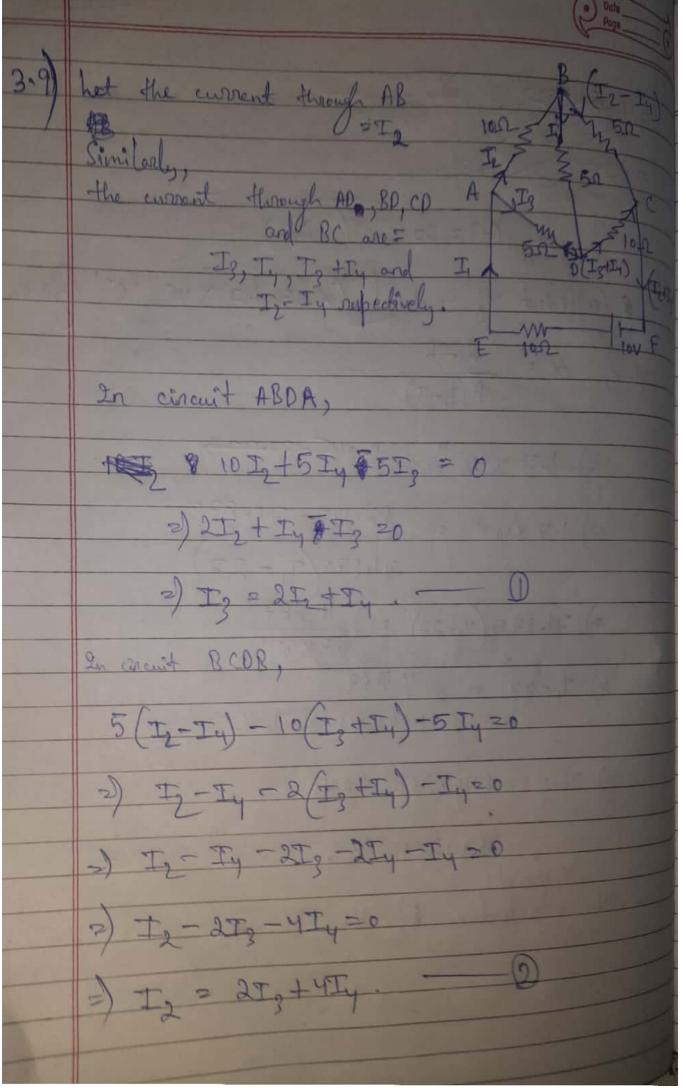
Scanned with CamScanner

	117 -100
-	=) 1-2 × 10-4 = 100(1,-27)
- Commence of the Commence of	100(1,-24)
- in the same of t	
	2) 1-7 × 10-4 = 17 100T1 - 2700
-	1007, - 2700
_	10
_	TIGHT CORP - HTT
	2) 100T, -2900 = +7×10-4
	=) 100T, - 2900 = 10 ⁵
	e) ti -27 = 103
	7 11 21
	2 7
-	2) T, = 1000+27
	= 1027°C
3.6)	hength of wire (i) = 15 m.
1	Chon-section area (1) 2 6.0 × 10-7 m2
	Resistance (e)= 5 D.
	Kent tauce Ry- 5
	P1
	Then, R = PL
	2) 5 = PX15 6×10-7
	6 × 10-7
	2 7
	2) 30 × 10-7 = 9
	1 15
	2) f = 2 × 10 - 7.
	2) - 2010



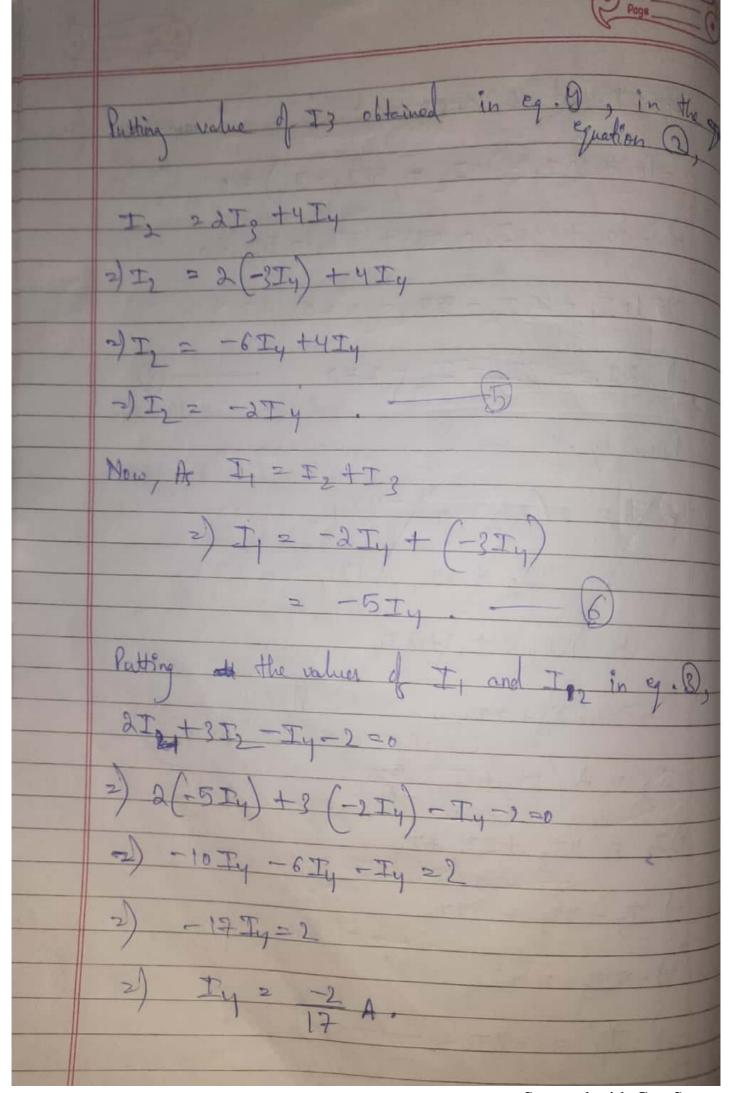
Scanned with CamScanner



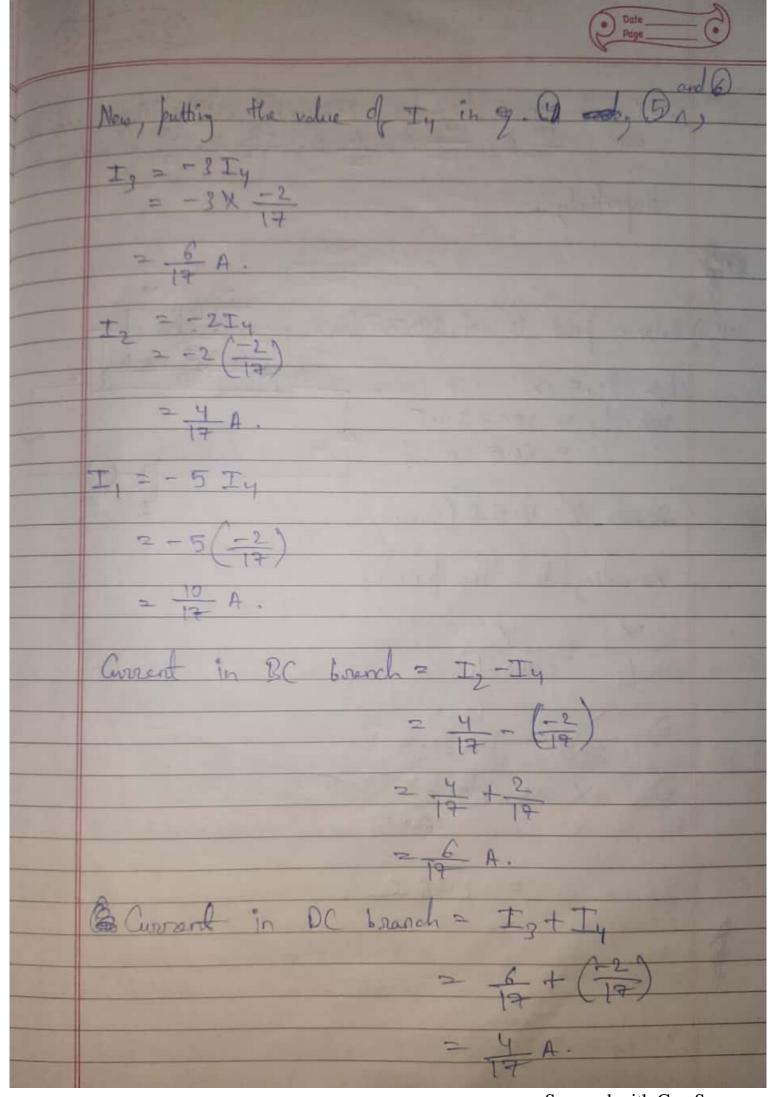


Scanned with CamScanner

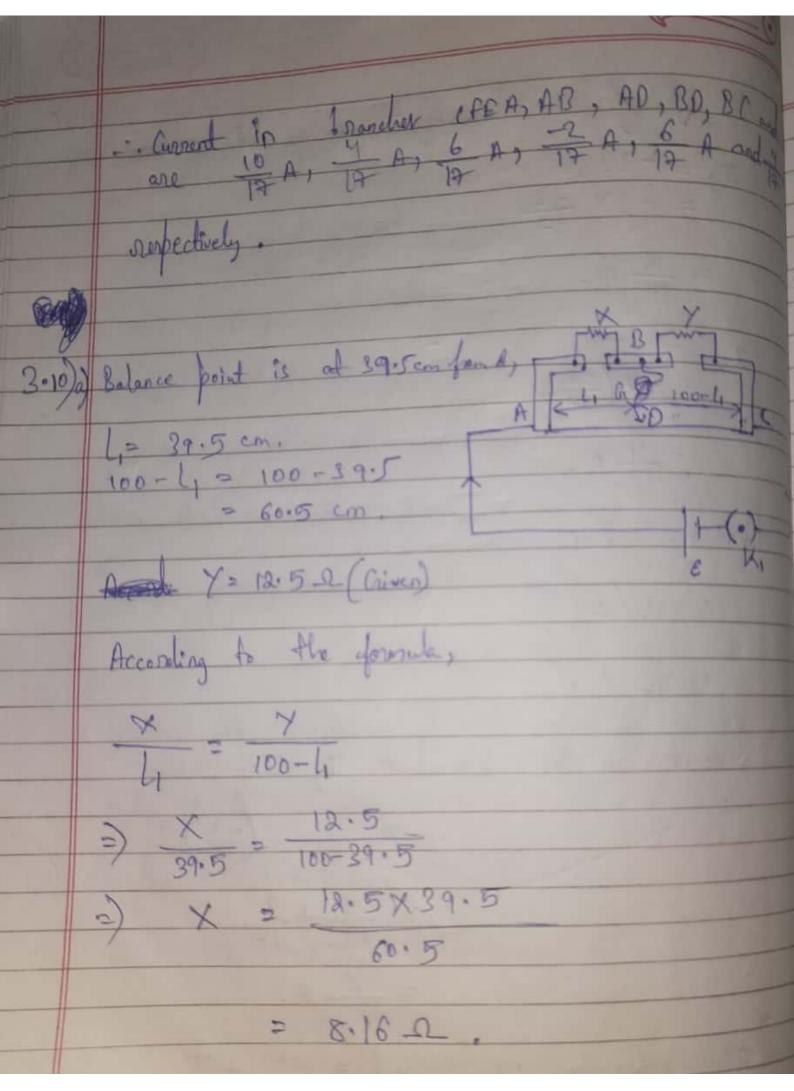
In circuit ABCFEA, -10 + 10 I, + 10 I, + 5(I2-Ty) 20 =) -10 + 10I, +10T, + 5I, -5I,=0 2) 10T, +15T, -5Ty-10=0 a) 2I, + 3I, - Iy - 2=0. From eg. D and Q, · 1 = 2 (2] +I) + 4 Iy + 412 + 274 A474 = RI, +ty +2Ty = 21/+ 214. I3 = 2 (213+4In) - 174 =) I2 = 4I2 + 8 I4 + I4 -> In - 4In = 9I4 2) -8 to = 2 9 Ty =) I2 = -3 I4 -



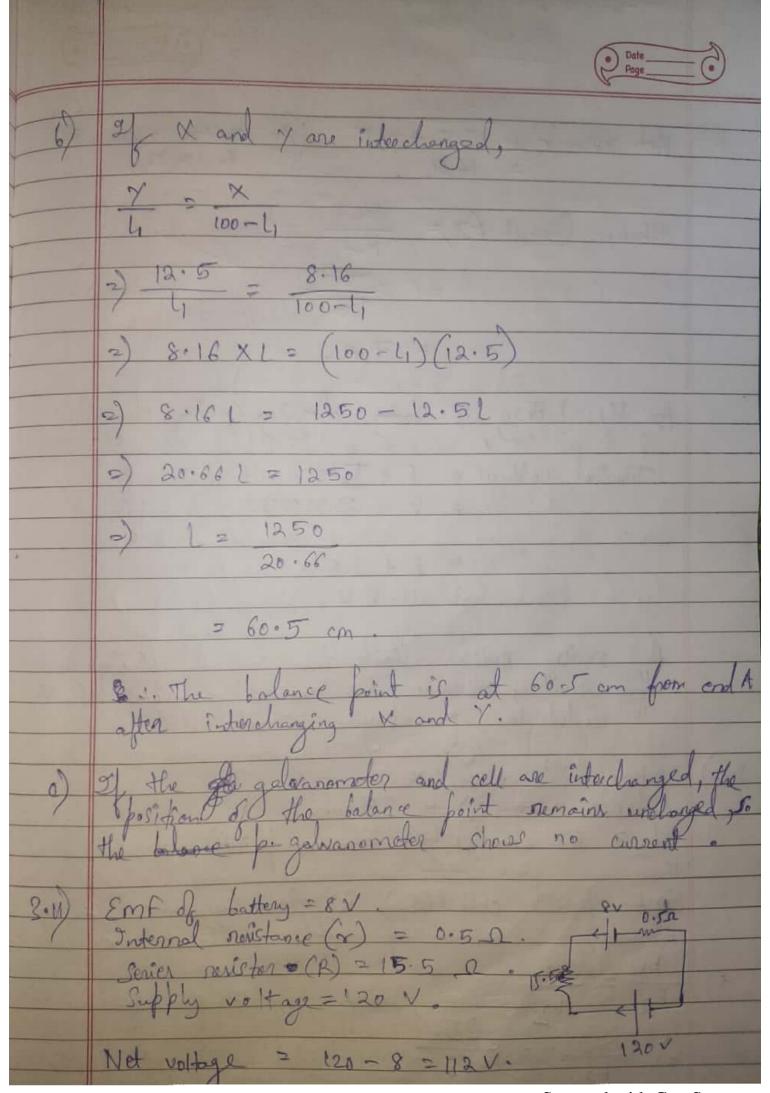
Scanned with CamScanner



Scanned with CamScanner



Scanned with CamScanner



Scanned with CamScanner

Not south re = 15.5 + 0.5 Then, Crement (I A the bothery is today changing / being change Tenninal voltage = E+ Ir * 8 + 3.5 A series ruisfor limits the corner flowing the circuit, otherwise it can be dayprous. needed in a charging assault. 3.12) EMF of 1st cell= 1.25 V
Bolance point (1) = 35 cm.

L= 63 cm (Shifted bolance point EMF of 2nd cell E(E2) ic given by,

