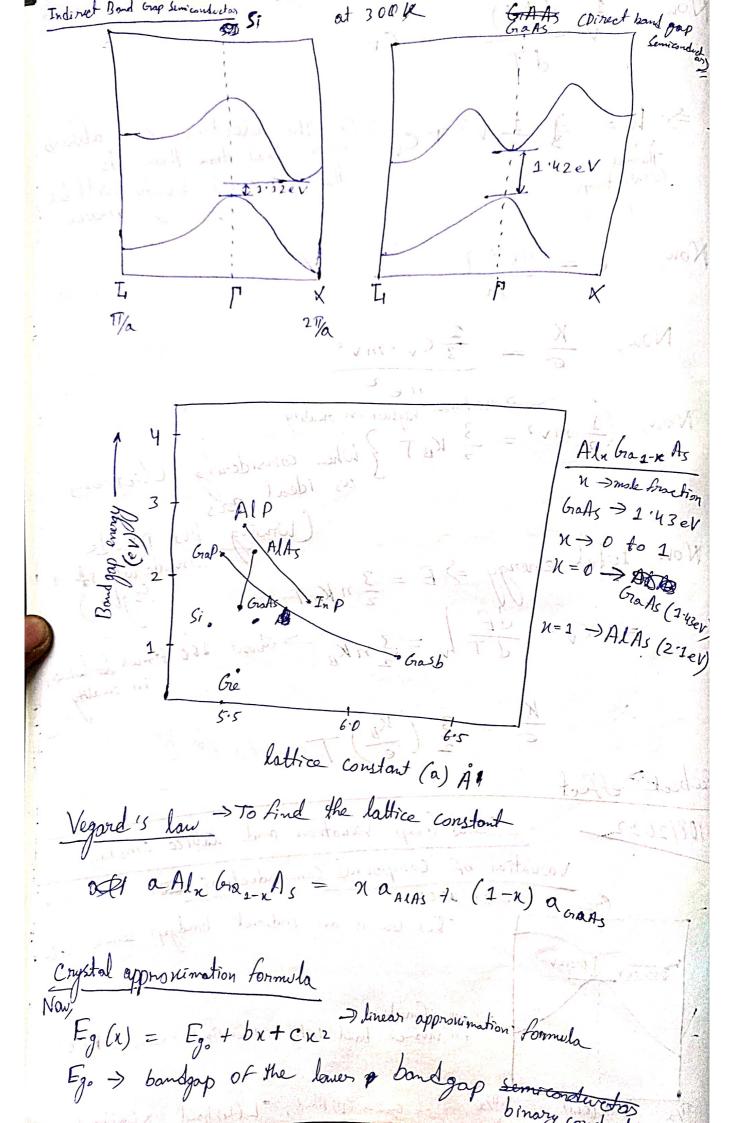
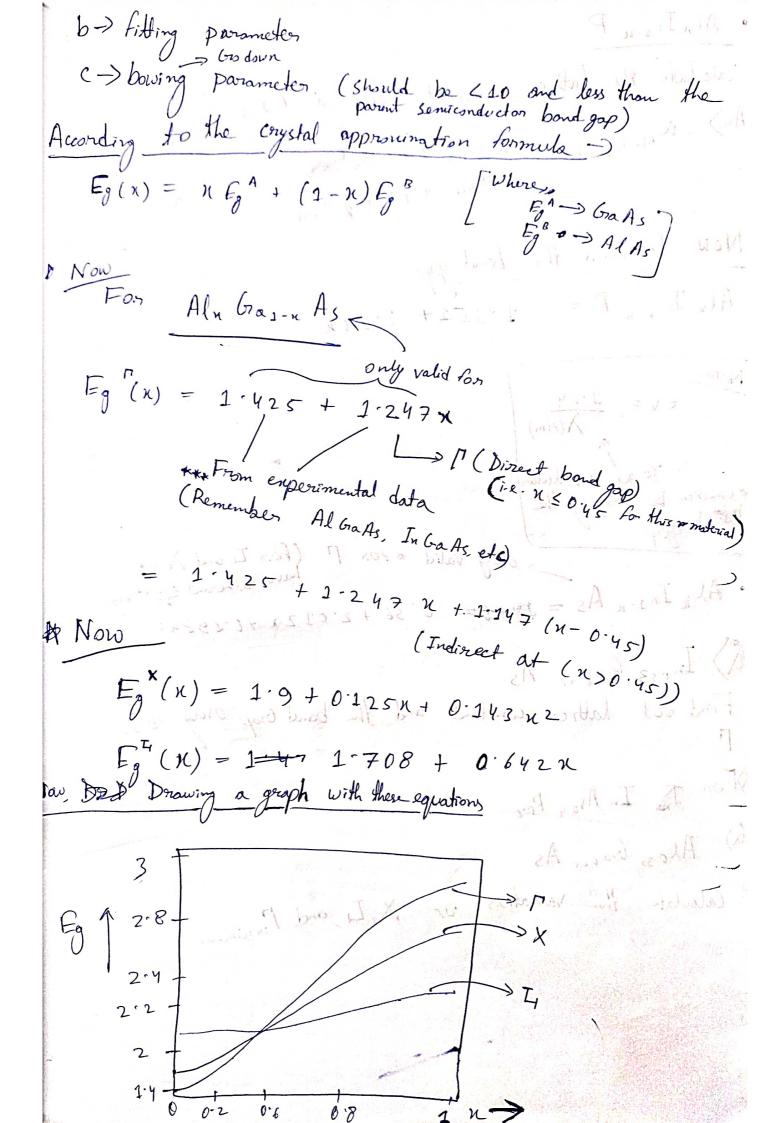
Now,
$$\frac{1}{V} \frac{d(NC)}{dT} = CV$$
 $\Rightarrow K = \frac{1}{3} \frac{1}{3} V^2 \gamma CV$ The electrons can absorp the more heat them then its thermal conductivity will be the more than the mor





Alx In 1-n P	
Calculate the fall	P. Wall
And and Ing- RP = The The	ī. ₄₄
Alk Ing- KP = A TIMP	
ALP + (2-11) A BIMP	
Now to find the band gap Ala In 1-n P = 1-351+ 2.23x	**************************************
Al. I. D.	-07-7
1-351+2.23x	
Note	η (λ .)
Note $eV = \frac{1 \cdot 2Y}{\lambda(Hm)}$	
To all a six	
emission by changing the bandgap.	_
and for [(For T. a. ())	
bandgap. Only valid of for [(For I and) have different and I have dif	we avation
(1) 7 0.36 + 5.015x +0.988	(2
() In 0.53 Ga 0.47 As	
In 0:53 Gra 0:47 As Find out lattree constant and the band Grap only From In Asory Por	
AT 230 + 30 = 1 = 1 = 1	たり.
OFon In Asory Por	
(\mathcal{C})	
· Calculate de voriste	y 4.
of X, L, and A	
Calculate the Variations OF X, I, and Minimum	3 57
i Je Tanana da	V - C