

and the second	
	Particles aggulated by Bose - Einstein statistic
	Particles agulated by Bose-Einstein stability have to be indistinguisable each other and I
	so instead of saying it as particle A or B they are
	so instead & saying it as particle A or B Thougard
	Jame Hing
	Forms-Dioac-Particles suggested by this have to be indistinguishable each other and one energy state can be occupied by only one posticle so use have to fill it to another state where a state
	he indistinguishable each other and one enogy
	stude can be occupied by only one particle soul
	have to fill it to another state where a true
	has first been occupied by one particle
	A CONTRACT OF THE PROPERTY OF
— 钊)	$g(\varepsilon_2) = 8$ , $g(\varepsilon_1) = 2$ .
45.14	2 - 1 - 4p-(E2-E)/Et = 4p =1/47
	$\frac{1}{n(e_1)} = \frac{1}{1000} = 4e^{-(e_2 - e_3)/e_1} = 4e^{3e_3/e_3}$ $\frac{1}{n(e_1)} = 1000$
	as & = E, /4 and E, = -13.60 V
5.44 S.	
	: T= (3)(1306 eV)
	(8-62×10-5 eV/k) (ln4000)
3.4	T= 1.43 × 104 × 7
	<u> </u>
5)11	Hamaell Boltzmann Proscible (0010 = 23 = 4
	= [a][b], [b][a], [ab] [], [] [ab]
2)	Bose Ginstein possible rouge = 3 = [9][9], [aa][]
	Manucell Boltzmann possible ways = 23 = 4 = [a][b], [b][a], [ab][7, [][ab] Bose Ginstein possible rougs = 3 = [a][a], [aa][], [] [aa]
3)	Formi Divac possible ways = 1 = [a][a]
	the state of the s

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6)	The electronic configuration of Knis [A&] 2d'0452
	The electronic configuration of In is [A&] 2010452 Zinc in its ground state has true electrons in 45
	subshell and completely filled K, L and M shells. This thore are two free electrone per aform. Flue number of atoms per runit volume is the ratio of the mass.
	there are two free electrone per aform. The number of
	atoms per unit volume is the ratio of the mass
	density Pan to the mass per oform man- then
7	As $n(v)dv = 4\pi N(m)^{3/2} v^2 e^{-mv^2/2kT} dv$
	1 27T L ]
	$At V = Vp_1 \frac{d n(V)}{dV}$
	AV
	$\therefore V_p = \sqrt{\frac{2kT}{2n}}$
ø \	C C = 1 = 0.05
رو	fro(E) = 1 = 0.05 e(8-EF)/kBT+1
	:: E = Ep + LT ln 19 = Ep + 2.94kT
	EZEPTEUTH