Lecture 5

Homework2:	Cepaso: Molar mass = 368.12 9/mole n = N	
	Co: 38.04 %, 140.12 9/mole	A
	C = 0.4220. emu-K/mol	*
	$\chi = \frac{1}{3} \frac{N}{V} \left(\frac{g \ln g}{V} \right)^2 \frac{J(J+1)}{k_B T}$	
	$N = \frac{1}{3} \frac{N}{N} \cdot (9 \text{ MB})^2 \cdot \frac{1}{2} (5+1) \cdot \frac{1}{N}$	
	n 3 n x kst	
	$P C = N_A P^2 Mg^2 \Rightarrow P^2 Mg^2 = 3C K_B$ $3K_B \qquad N_A$	=> P/18 = 3CKB
	3KB NA	V NA
	1	P = 3Chs 1 NA MB
		,
	$p = \sqrt{3(0.422^{\text{kcm}^3/\text{myte}}) \cdot 1.3807 \times 10^{-16} \text{ erg/x}}$ $6.022 \times 10^{23}/\text{myte}$	0
	6.022 × 10 ²³ /mote	9.2741 erg/G

Thursday: 3-D electron in a box (free electron)