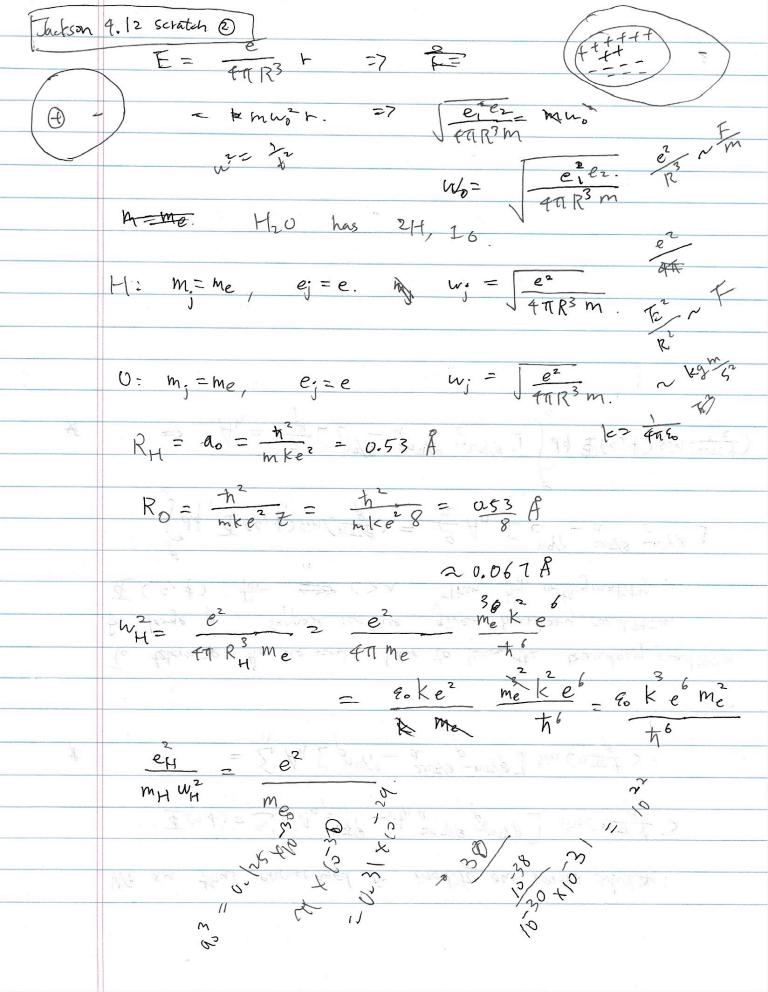
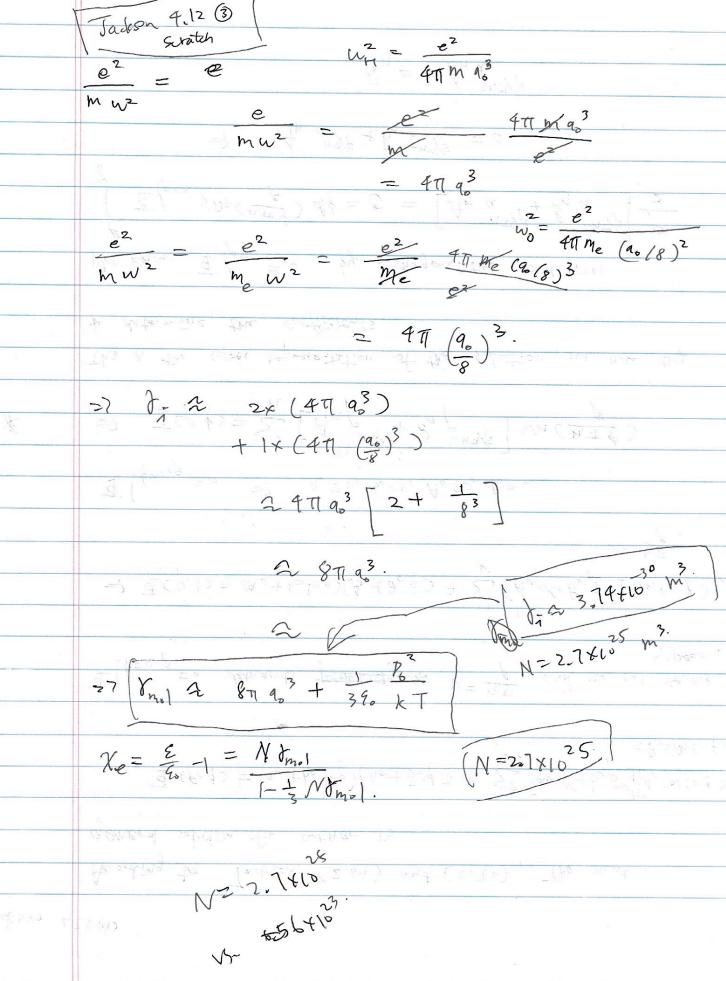
1 Taylosor	
4.12	Schalch
	ne next to know haturel frequency of molecular
	os or llation, use classiful model
	= -24,6,1,7-1,3
	Marson.
	The eg The model rated for any stable equalibria
*	the of the model rated for any stable equilibria under small oscillations
***	$T = \frac{ke^2}{\eta^2} = -\frac{ke^2}{\eta^2}$
2	ne now a form of -kx, or -mus x
	expanding. $\frac{1}{y^2} = \overline{\Gamma} = -m w_0^2 \overline{x}$
· · · · · · · · · · · · · · · · · · ·	The second of th
	Con sider treld inside uniformly charged ball:
	$e^{-\frac{3}{9}} \frac{e}{9 \pi R^3}$ $\frac{3e}{4\pi R^3}$ $\frac{3e}{4\pi R^3}$
-	4T +2
	= e 131
This	3 already on form TT (R) +2
3	Tike so nico. I nas
tan	expecting something ugly then = 4TIR3
e	spand to get the harmond oscillator term.
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T. L. SATEL	





Jackson 4,12 Scratch how he peed fo. Ideal Gas law: PV=nRT. To = N Ymos -1 = N mol = 1 1-3 N mol N mol 3 $|m_{0}| = 8\pi q_{0}^{3} + \frac{1}{3} \frac{p_{0}^{2}}{k} \frac{1}{1}$ $= \left[\frac{1}{N} \frac{1}{8\pi q_{0}^{2} + \frac{1}{3} \frac{p_{0}^{2}}{k} - \frac{1}{3}} \right]$ = a+b+] -= [N[a+b+]-3] 1 1 4 1 2 (x 2) | 5 = 3 2 (x 2 10 + (f, 2) 6 6 6 4 5 4 4 5 6 6 4 5 6 6 4 2) drdy () Sh(() Sh () = An con (() =) to ULTH 2000 0 11 12 ,