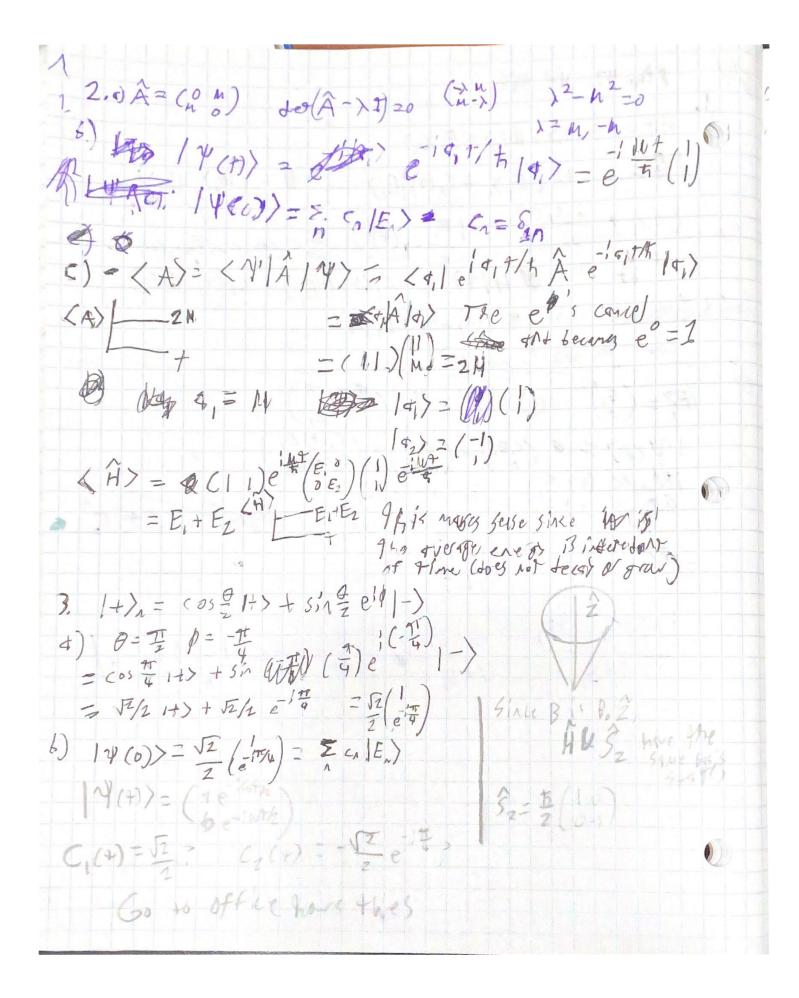
1. HIEI>= E, IE,>, HIE2>= E, IE2> 14 = (,(+) | E) + (2(+) | E2) H = (1E1), 1E2) $\frac{(7.6) + \frac{1}{2}(10)}{15} = -\frac{1}{5}(10) = -\frac{1}$ 1 + (1) = (1/E, 1E,) + C2(+) E2 (E2) wat to good Sunotrix? /E? = (E) | (E) = (O) H= (DE, O) 1 / (4) 7 = @ (C,E,) + (O,E) = (C,(A) E,) = (C_2(A) E_2) $\frac{|f_{1}|^{2}}{4\pi}(C_{1}(A) E_{1}) = (E_{1} O)(C_{1}(A) E_{1}) = (G_{1}(A) E_{2}) = (G_{1}(A) E_{2}) = (G_{1}(A) E_{2}) = (G_{2}(A) E_{2}) = (G_{1}(A) E_{2}) = (G_{2}(A) E_{2}) = (G$ | # = C, (4) E, = C, (4) E = | + C, (4) = - | C(4) E, | + E, | | + E, |



 $=\frac{1}{2}\left(\cos\left(\frac{\theta}{2}\right)\right)\left(\frac{1}{2}e^{i\left(\theta+\omega_{0}+\right)}\right)^{\frac{1}{2}}e^{-\frac{1}{2}\left(\frac{\theta}{2}\right)}$ THE 0= # 0= - I === (-#+ wot) = 12 $=\frac{1}{4}\left(1-\frac{\pi}{16}\left(1-\frac{\pi}{4}+464\right)\right)$ = \frac{1}{4} \left(1 - ie i C - \frac{1}{4} + \omega_0 + \right) \left(1 + ie i C - \frac{1}{4} + \omega_0 + \right) = - (12 + 2009) CANZUNS? If P = = (1 + 5/1 0 cos (-0 (wort) 75cm fy = = = (1 + 5= cos (#+ Wo+) returns to original Sorate ofter 29t seconts)

