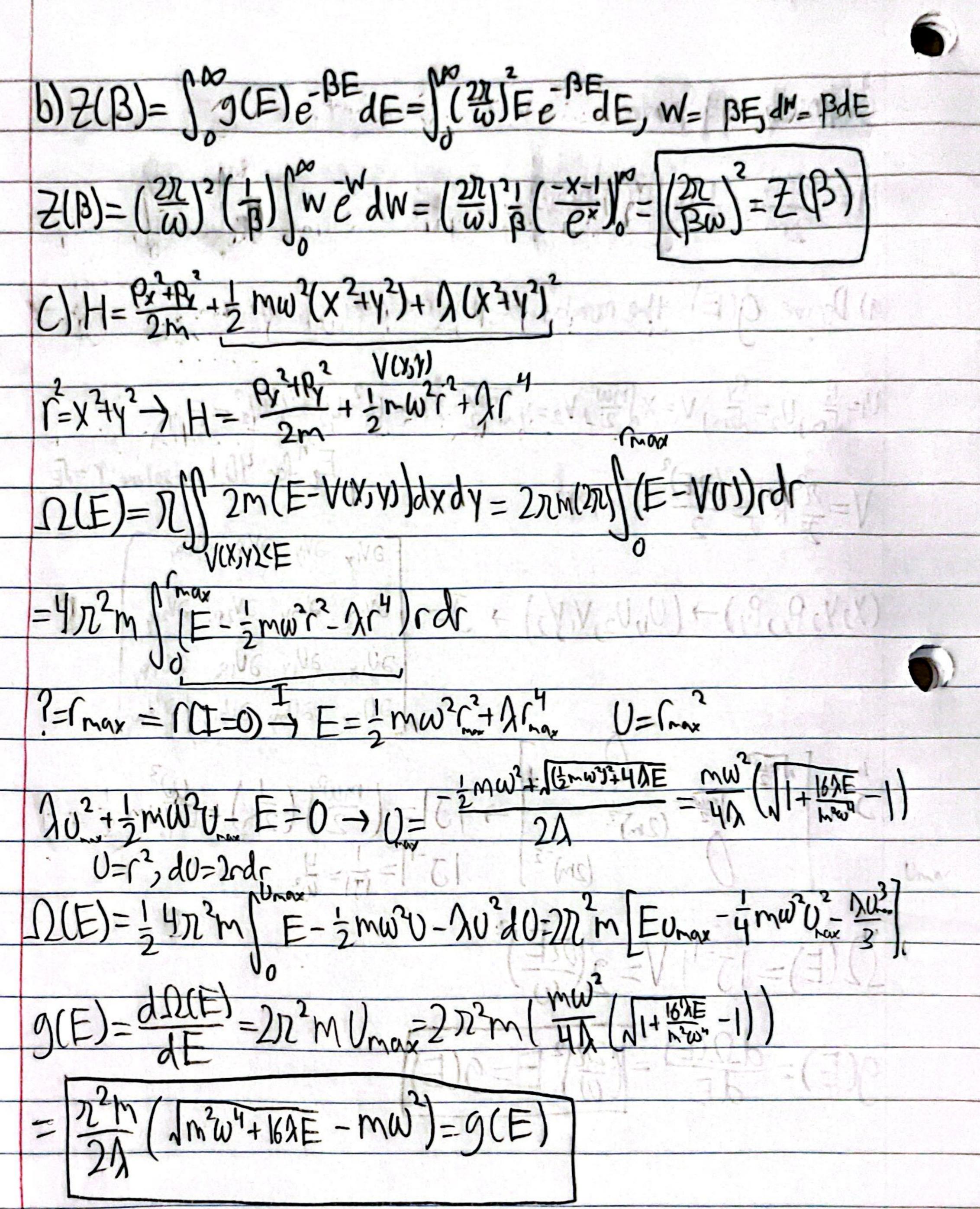
Physics 129L S5A

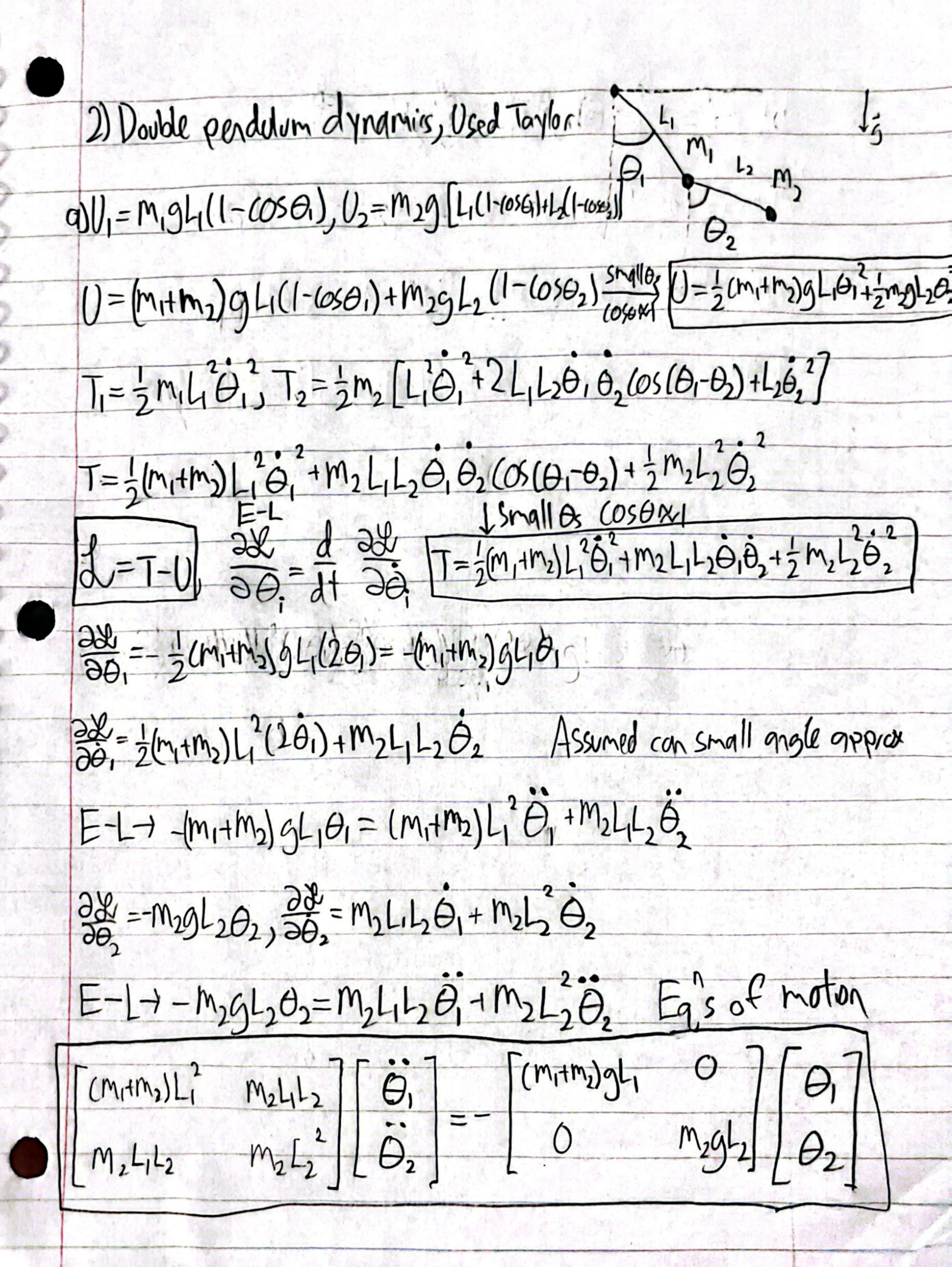
$$U_{1} = \frac{P_{2}}{E_{m}} U_{2} = \frac{P_{2}}{E_{m}} V_{1} = X \sqrt{\frac{m\omega^{2}}{2}} V_{2} = y \sqrt{\frac{m\omega^{2}}{2}} + H = U_{1}^{2} + U_{2}^{2} + V_{1}^{2} + U_{2}^{2} = E$$

$$V = \frac{N^{2}}{2} P^{4} = \frac{(NE)^{2}}{2} + \frac{(NE)^{$$

0

$$J = \begin{bmatrix} \sqrt{2} & 0 & 1 \\ \sqrt{2} & (2\pi)^{\frac{1}{2}} & -1 & |J| = (\frac{m\omega}{2})(\frac{1}{2\pi}) = \frac{\omega^{2}}{4} \\ 0 & (2\pi)^{\frac{1}{2}} & |J| = \frac{1}{|J|} = \frac{1}$$





Scanned with

CS CamScanner

b) H= pq-L, P= 36, 1P2= 36, This is for too much work for part 1 of 2 of Section work for any class... I'm calling it here and starting 5B

