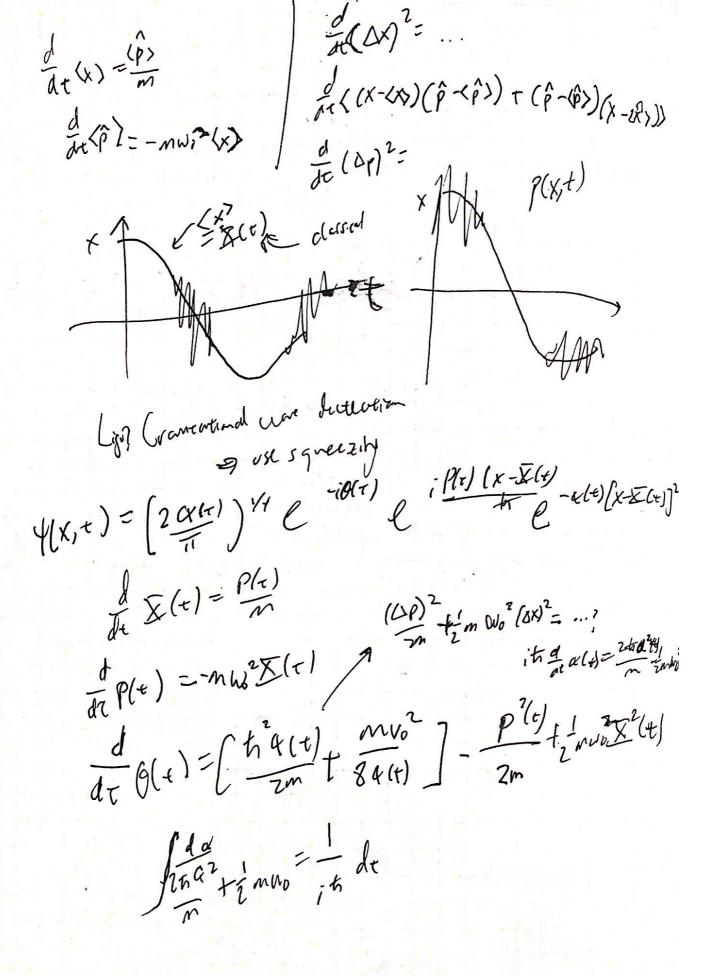
pm Lecture: 13 1/24 (x+1) z - 1/2 2 4(x,+) + 7 m wo 2 x 24(x,+) Y(x,t) = (mwo) /4 e i P(t)(x-S(t)) = = mxo (x-Z(t))² $\frac{1}{dt} p(t) = m w_0^2 X(t) \qquad t \frac{d}{dt} \varphi(t) = \frac{1}{2} t_0 u_0 - \frac{p^2(t)}{2m} + \frac{1}{2} m w_0^2 X(t)$ (A) = 1 thus + pr(+) + 2 m wo I (+) こちい((よ)けち) (1) = P(1) + = mlub 2 × (e) -Y(x,0) Y(x,to) X= Voto V(x)=1/mwox2



$$\frac{i\pi}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right) + \frac{1}{2} \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right) + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left(v^{2} \right)$$

$$\frac{1}{2t} = \frac{1}{2} L \left(\int_{-\infty}^{\infty} \frac{1}{t} + \frac{1}{2} \left($$