$$f = \frac{P}{f}$$
  $l = \frac{\gamma}{2}$ 

$$E = \frac{P^2}{2m} = KE$$

$$E = \frac{t^2 K^2}{2m}$$

$$W = \frac{h K^2}{2m}$$

$$V_p = \frac{w}{\kappa} = \frac{t_1 \kappa}{2m}$$

$$V = \frac{\partial w}{\partial K} = X \longrightarrow \text{one}$$
 Particle

$$\frac{-\kappa^2}{2m} \frac{\partial \Psi(x,t)}{\partial x^2} + U(x) \Psi(x,t) = i \pi \frac{\partial \Psi(x,t)}{\partial t}$$

$$-\frac{b^2}{2m}\frac{\dot{y}^2\psi}{\dot{y}^2}+U(x)\psi(x)-\dot{\xi}\psi(x)$$

$$\begin{array}{ccc}
F &=& \frac{1}{2} \frac{k^2}{2m} \\
P &=& \frac{1}{2} \frac{k^2}{2m}
\end{array}$$

$$E_n = \frac{n^2 \pi^2 t_1^2}{2 m L^2}$$

$$V_{n}(x) = \sqrt{\frac{2}{L}} \sin \frac{n \pi x}{L}$$

$$\alpha^{2} = \frac{2m}{k_{1}^{2}} \left( V - E \right)$$

$$\begin{array}{c} (0) &$$

$$\psi_{I}(X) = A e^{gX} \qquad \chi < 0$$

$$E_{n} = \frac{n^{2} \pi^{2} t^{3}}{2m(L+28)^{2}}$$

$$U = \frac{1}{2} m w^2 \chi^2$$

$$\psi = C_0 e^2 - \infty x^2$$

$$C_{0} = \left(\frac{w w}{\pi h}\right)^{1/4} \qquad \int_{e}^{-ax^{2}} \sqrt{\frac{\pi}{a}}$$

$$\Psi_1 = C_2(1 - 1)x^2 e^{-\alpha x^2}$$

$$\mathcal{E}_{n} = \left(n + \frac{1}{2}\right) \, \text{th W}$$