$$\frac{OHO}{H \ln 7} = F_{\alpha} \ln 7$$

$$H = \frac{\rho^2}{2m} + \frac{1}{z} m \omega^2 x^2$$

$$H/n = (n+\frac{1}{2})\hbar\omega/n$$

$$a = \int \frac{m\omega}{\pi\pi} \left(x + i \frac{p}{m\omega} \right)$$

$$\frac{\alpha |n\rangle}{\alpha + n\rangle} = \frac{\sqrt{n+1}}{\sqrt{n+1}}$$

$$V_{n}(x) = \frac{(mw)^{1/4}}{(\pi \pi)^{1/4}} + \frac{1}{(\pi \pi)^{1/4}} + \frac{1}{(\pi)^{1/4}} + \frac{1}{(\pi \pi)^{1/4}} + \frac{1}{(\pi)^{1/4}} + \frac{1}{(\pi)^{1/4}}$$