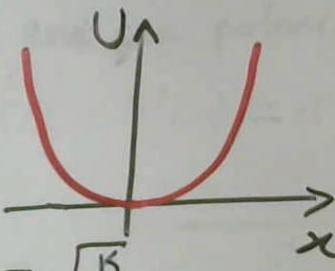
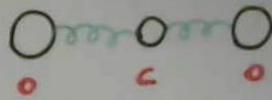
potencial (partícula numa U = energia potencial $\Psi(0) = \Psi(\alpha) = 0$ Condições $E_n = n^2 \frac{\pi^2 t^2}{2m^2}$, n = 1, 2, 3, ...

Oscilador harmónico

$$U(x) = \frac{1}{2} K x^2$$



$$E_{n} = (n + \frac{1}{2}) \hbar \omega$$
 $n = 0, 1, 2, ...$



$$E_1 = \frac{3}{2} t \omega E_1$$

$$E_2 = \frac{5}{2} t \omega$$

Barreira de potencial: efeito 12m(U0-E) probabilidade da particula atnaversar a barreina de po

A tomo de hidrogénio =-13,6 eV 1 eV = 1,502 x10] $E_n = -\left(\frac{2\pi^2 \kappa^2 me^4}{h^2}\right) \frac{1}{n^2}$ Lei de Gulomb K = THE F = K 9,92

