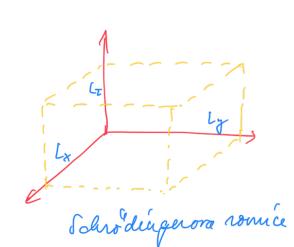
Castice v nehomiene bluboke pasouble fæme



$$V(+c_0) \xrightarrow{1} \infty$$

$$V(+>L_+) \xrightarrow{1} V = 0$$

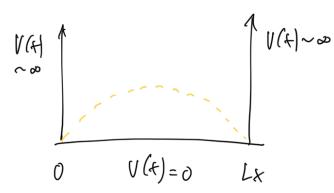
 $-\frac{t^2}{2m}\left(\frac{\partial^2}{\partial t^2} + \frac{\partial^2}{\partial y^2} + \frac{\partial^2}{\partial z^2}\right) \mathcal{Y}(t_1 y_1 z) = E \mathcal{Y}(t_1 y_1 z)$

Separace promercing

Y(+y,+)- 4(+) 4(y) 4(2)

Jednorokmerny problem

$$-\frac{t^2}{2m}\frac{\partial^2}{\partial t^2}Y_f(t) = EY_f(t)$$



$$\frac{t_1^2}{2m} \left(\frac{\pi}{L_x} \right)^2 n^2 \operatorname{Au} \left(\frac{\pi}{L_x} n_x \right) = E \operatorname{Au} \left(\frac{\pi}{L_x} n_x \right)$$

$$m = 1, ..., \infty$$

$$V_{m}(t) = \frac{1}{\sqrt{2}} \sin \left(\frac{\pi}{4} m t \right)$$

$$E_{M} = \frac{1}{2} \frac{4^{2} \pi^{2} n^{2}}{m L_{+}^{2}}$$

$$M = 1$$

$$E_{1} = \frac{1}{2} \frac{4^{2} \pi^{2} n^{2}}{m L_{+}^{2}}$$

$$Y_{1}(4) = 4E_{1}$$

$$Y_{2}(4) = 4E_{1}$$

$$E_{1} = \frac{1}{2} \frac{h^{2} + 2}{m^{2}}$$

$$E_{1} = \frac{1}{2} \frac{m^{2} + 2}{m^{2}}$$

$$d_{21} = e \int V_{2}(t) \lambda V_{1}(t) = \frac{e}{2} \int dt A u \left(\frac{2\pi}{4t}\right) + du \left(\frac{\pi}{4t}\right)$$

$$= \frac{e}{2} \int dt \frac{e^{i\frac{2\pi}{4t}} + -i\frac{2\pi}{4t} + -i\frac{\pi}{4t}}{e^{i\frac{2\pi}{4t}} + e^{i\frac{2\pi}{4t}} + -i\frac{\pi}{4t}}$$

Oucha n'érona pravidla

Doorlene pichody

 $1 \rightarrow 2$

 $0\rightarrow 2$ $1\rightarrow 3$

 $1 \rightarrow 4$

Lahavane piechoof

Operator parity

\$ 4(+) = 4(-+)

PY(+) = Youda (+)
Anda (+)

Flootin (cips

(+) P Veichor (+) = - Veichor (+)

PV(+) Y(+)= V(-+) Y(-+) = V(+) PY(+) -> [1] 77=0

 $\hat{P} \frac{\partial^2}{\partial t^2} \rightarrow \text{talie komutuje} \left[\hat{H}_1 \hat{P}_2 \hat{J} = 0 \right]$