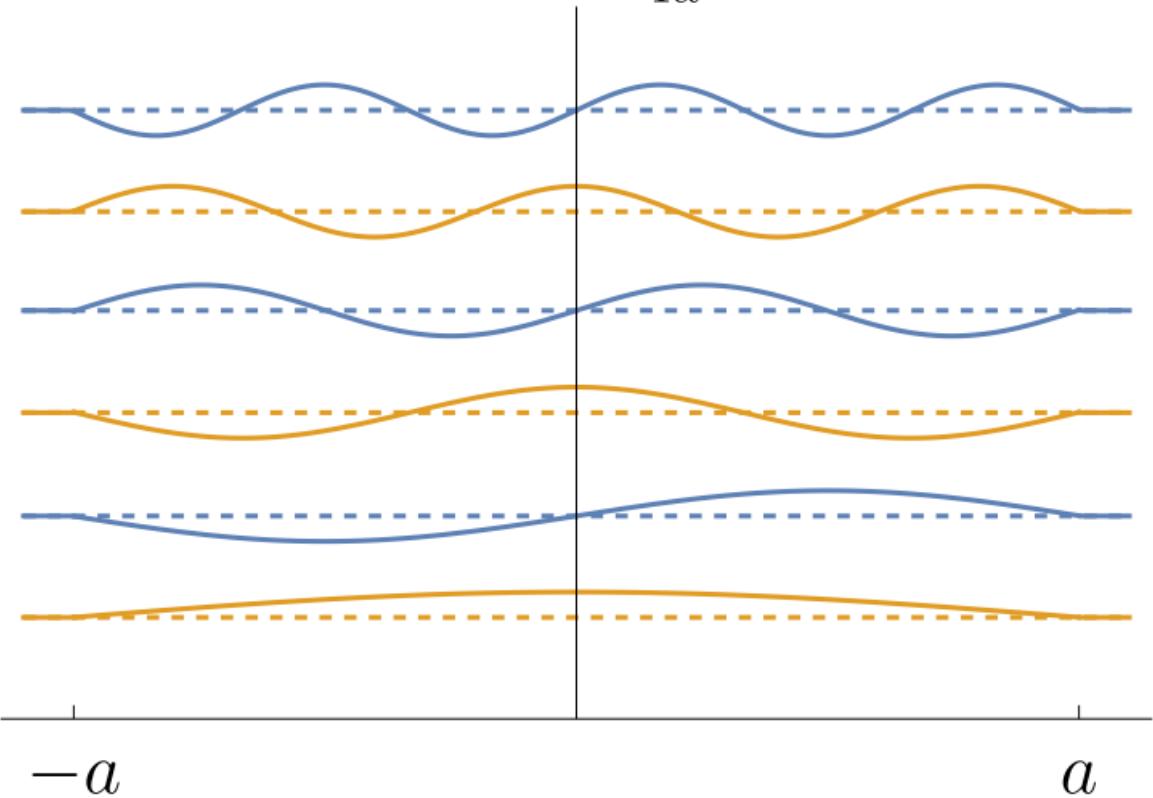


$$V_0 = 10^5 \frac{1}{4a^2}$$



$$\overline{E_6 = \left(\frac{5.98\pi}{2a}\right)^2}$$
$$\overline{E_5 = \left(\frac{4.98\pi}{2a}\right)^2}$$
$$\overline{E_4 = \left(\frac{4.01\pi}{2a}\right)^2}$$
$$\overline{E_3 = \left(\frac{3.01\pi}{2a}\right)^2}$$
$$\overline{E_2 = \left(\frac{1.99\pi}{2a}\right)^2}$$
$$\overline{E_1 = \left(\frac{1.\pi}{2a}\right)^2}$$