19tx n=1 \$42. Свебодная частица. N= const Tomas quepus pabra reremmencio dy + 2m E 4 = 0 $Y = A e^{\frac{i}{h}} \sqrt{2mE'} \times + B e^{-\frac{i}{h}} \sqrt{2mE'} \times$ $Y(x,t) = A e^{-\frac{i}{h}} \left(\frac{Et}{h} - \frac{\sqrt{2mE'}}{h} \times\right) + B \cdot e^{-\frac{i}{h}} \left(\frac{Et}{h} + \frac{\sqrt{2mE}}{h} \times\right)$ $W = \frac{E}{h}, k = \sqrt{2mE'}$ 14/2 = 4. 4* = AZ § 43. Mynnenovir appenm. $E = U_0 \frac{d^2 \Psi}{d x^2} + \frac{2m}{h^2} E \Psi = 0 \quad (I, \overline{H}).$ $\frac{d^2\Psi}{dx^2} + \frac{2m}{\hbar^2} (E - U_0) \Psi = O \left(\overline{1} \right)$ $E - U_0 < O$