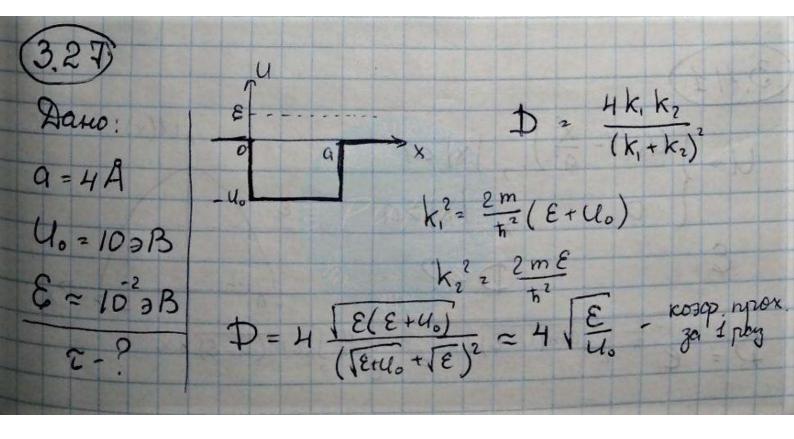
Demonstrate 
$$U = 2 - 4 - 1$$

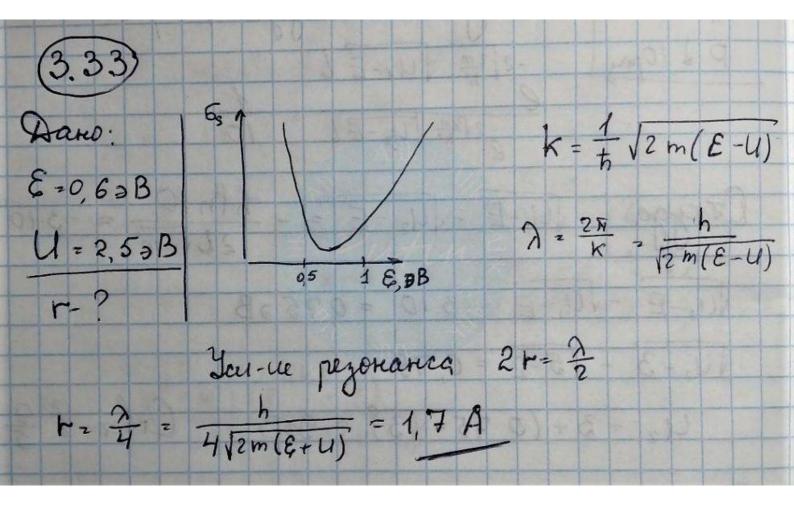
Sp-ue  $U = 2 - 4 - 1$ 

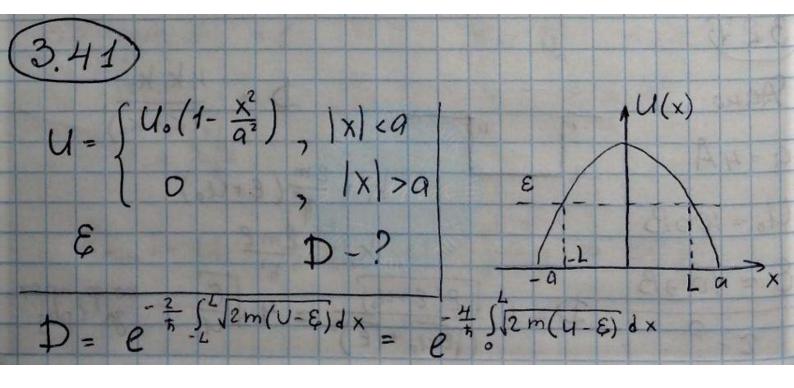
Demonstrate  $U = 2 - 4 - 1$ 
 $U = 2 - 5 - 3 - 1$ 
 $U = 2 - 5 - 3 - 1$ 
 $U = 2 - 5 - 3 - 1$ 
 $U = 2 - 5 - 3 - 1$ 
 $U = 2 - 5 - 3 - 1$ 
 $U = 2 - 5 - 3 - 1$ 
 $U = 2 - 5 - 3 - 3$ 
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 $U = 2 - 5 - 3 - 3$ 
 $U = 2 - 5 - 3 - 3$ 
 $U = 2 - 5 -$ 

0-4-2 Yp-ue Upigumepa zan-ca rak:  $-\frac{\hbar^2}{2m} \psi'' + U \psi = E \psi$ Dano: E=33B Orkyga 4~ e TU-E:x h= 50B L = 3A Manyeum augysousee pab-bo: h/4 - ? P & 10 pag VU,-E-VU2-E = - then 10 = -3.10 Jane Drkyga VU2-E - VU,-E = 3.10 = 0,75 3B  $\sqrt{U_2-3}-\sqrt{5-2}=0,75$ Orber: 8 9 pag U2 = 3+(0,75+(3) = 9>B



$n = \frac{\sqrt{2}}{\alpha} \left[\frac{490p}{e}\right] \qquad \sqrt{2} \left[\frac{2(u_0 + \varepsilon)}{m}\right] =$	1240 m
arryga n= 1 Jzuo m	
(1-D) -0 1-nTD-0	Co T= 1/nD
$T_2 = \frac{9}{4} \sqrt{\frac{m}{2U_0}} \sqrt{\frac{U_0}{\varepsilon}} = \frac{9}{4} \sqrt{\frac{m}{2\varepsilon}} = \frac{-15}{10c}$	

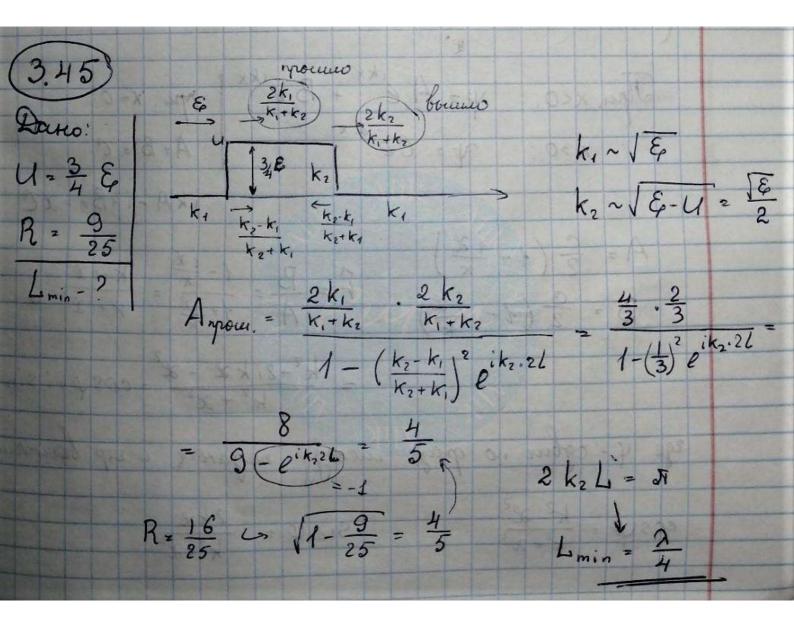


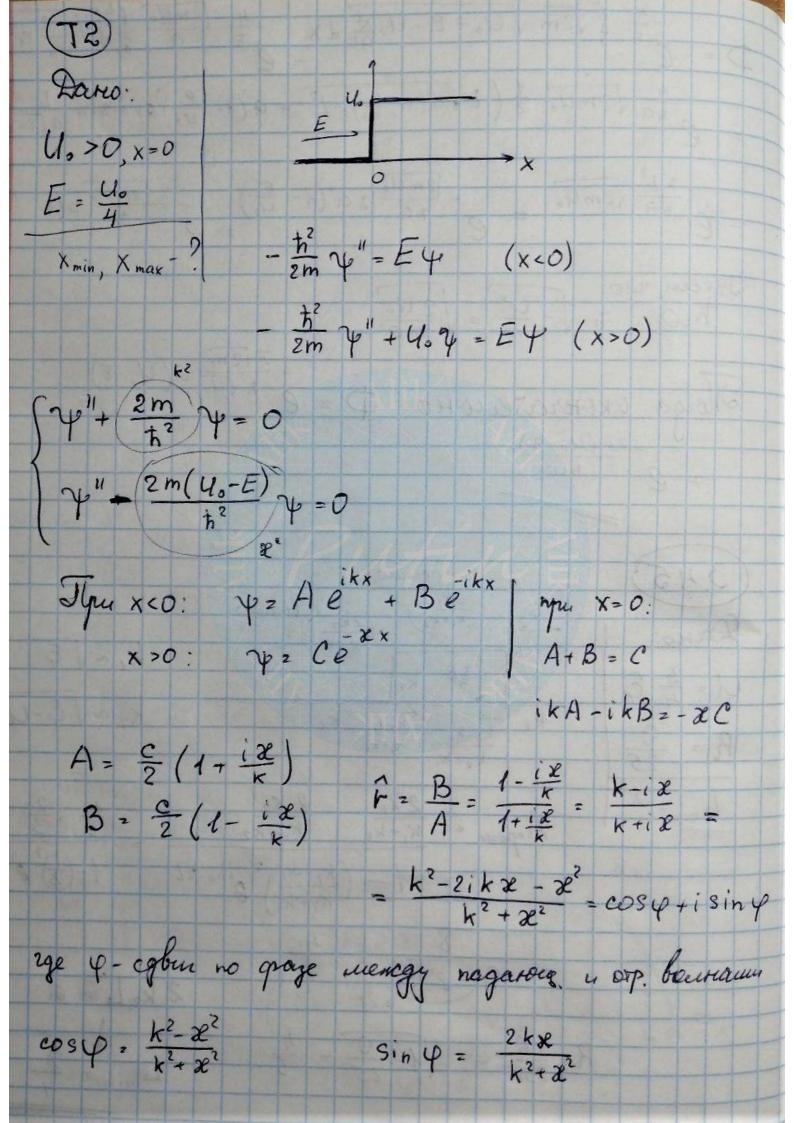


$$D = e$$

$$= e$$

$$=$$





$$cos \varphi = E - (u_0 - E) = 2E - U_0 = \frac{U_0}{2} - U_0 = \frac{1}{2} < 0$$

$$Sin \varphi = -\frac{2\sqrt{E(u_0 - E)}}{U_0} = -\frac{\sqrt{3}}{2} < 0$$

$$\varphi = \frac{\pi}{3} + \pi (2n - 1) = \frac{4\pi}{3}$$

$$Jluott. paceup. bep.cm:$$

$$S(x) = |A|^2 |e^{ikx} + r |e^{-ikx}|^2 |A|^2 |e^{ikx} + |r||^2 |e^{-ikx}|^2 = \frac{2\pi}{3} + |A|^2 |e^{-i$$

