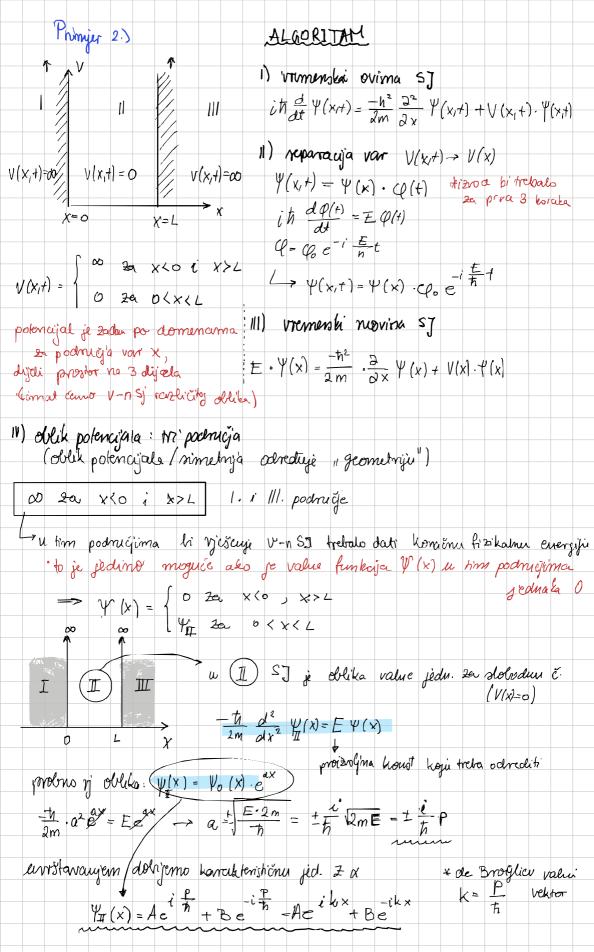
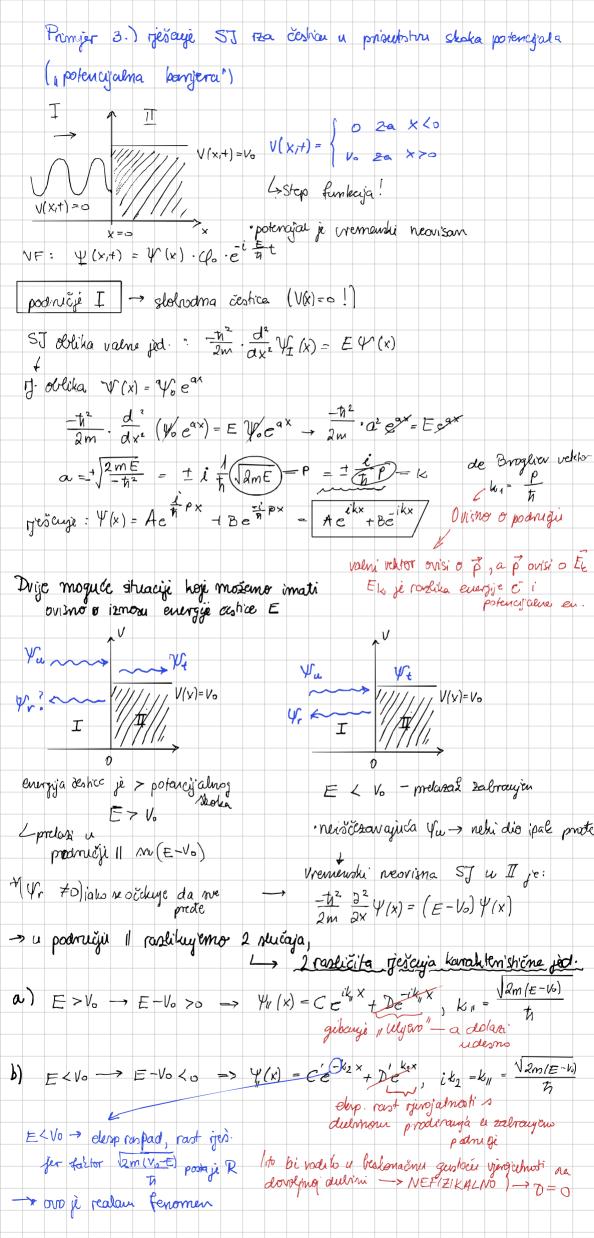
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$$(x-b) = \frac{1}{4\pi}(x-b)$$
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Gledanno ukupnu Vt u podniju I i u podniju 11 te primjenjujem urjet do VF i njena den'vacija moraju lihi jednake na mjestu ospoja $\frac{\langle Y_{1}(x) \rangle}{\langle X_{1}(x) \rangle} = Ae^{ik_{1}x} + Be^{ik_{1}x}$ $\frac{\langle X_{2}(x) \rangle}{\langle X_{1}(x) \rangle} = Ae^{ik_{1}x} + Be^{ik_{2}x}$ $\frac{\langle X_{2}(x) \rangle}{\langle X_{2}(x) \rangle} = Ae^{ik_{1}x} + Be^{ik_{2}x}$ $\frac{\langle X_{2}(x) \rangle}{\langle X_{2}(x) \rangle} = Ae^{ik_{1}x} + Be^{ik_{2}x}$ $\frac{\langle X_{2}(x) \rangle}{\langle X_{2}(x) \rangle} = Ae^{ik_{2}x}$ $k_{n} = \sqrt{\frac{2m(E-V_{0})}{n}} \quad ik_{1} = k_{v} = \sqrt{\frac{2m(E-V_{0})}{n}}$ Primyena rubnih unzita $\begin{bmatrix}
E > V_0 : A + B = C \\
Y_1(k=0) = Y_1(k=0)
\end{bmatrix}$ $E < V_0 : A + B - C$ $\frac{A}{d \times} \Psi_{\mathbf{I}}(\mathbf{x} = 0) = \frac{A}{d \times} \Psi_{\mathbf{I}}(\mathbf{x} = 0) \qquad \begin{cases} E \ge V_0 : A_i k_i - B_i k_i = C_i k_{ii} \\ E < V_0 : A_i k_i - B_i k_i = -C_i k_{ii} \end{cases}$ a) E>VO A+B=c A:k, -Bik, =ick, $i \, k_{l} \left(A - B \right) = i \left(A + B \right) / i$ $A = k_{l} + k_{ll}$ $k_1(B-A)=-(A+B)k_1 \rightarrow A(k_1-k_1)=B(k_1+k_1)$ koeficyent refleksije: $R = \frac{|B|^2}{|A|^2} = \left(\frac{|k_1 - k_{11}|}{|k_1 + k_{11}|}\right)^2$ Koehicjent transmisije: T+R=1 -> T=1-R=1- (K1-K1)2 $T = \frac{2 + 2k_1 k_1 + k_2^2 - k_1^2 + 2k_1 k_1 - k_1^2}{(k_1 + k_1)^2}$ $(k_1 + k_1)^2$ možemo promatrati graničnu vrijednost kof. refl. u slučaju =>0; =>0 $R = \frac{|\sqrt{2mE} - \sqrt{2m(E-V_0)}|}{\sqrt{2m}} = \frac{|\sqrt{2mE} - \sqrt{2m(E-V_0)}|}{\sqrt{2m}} = \frac{|\sqrt{2mE} - \sqrt{2m(E-V_0)}|}{\sqrt{2m}} = \frac{|\sqrt{2mE} - \sqrt{2m(E-V_0)}|}{\sqrt{2m}}$ lim R = 0 = 0 eurgije a pune veće od viséne barijere E-70 - refleberja sememaniva lim R = nje definirano (1) ofranicem prepostavkou 12 > Vo!

