```
k_F = 1.6 \times 10^{10} \text{ m}^{-1} = 9.1095 \times 10^{-31} kg 
V = 1.60210^{-1}
                      \begin{array}{l} \mathcal{E} = \\ 1.60210^{-34}C \\ \hbar = \\ 1.0545 \times \\ 1.0545 \times \\ 10^{-34}Js^1 \\ \epsilon_0 = \\ 8.854 \times \\ 10^{-12}Fm^{-1} \end{array}
                      \overline{q_{max}}_{screen_final,ktorplatprevoneelektrnyinteragujceceztienenFockovue-}
                        einter \'{a}kciu. Vezmime Fockovuself
                        energiuzovzahueq: fock_screen_final, oznameju_{self}(k())
                        _{self}(\check{k}()) =
                        \frac{e^2}{(2\pi)^2\epsilon_0} \left( \frac{k_F^2 - k^2 + k_s^2}{4k} \ln \frac{(k_F + k)^2 + k_s^2}{(k_F - k)^2 + k_s^2} - \frac{1}{(k_F - k)^2 + k_s^2} \right)
                      k_s \left(\arctan \frac{k_F + k}{k_s} + \arctan \frac{k_F - k}{k_s}\right) +
                        k_F
                     \begin{array}{l} k \\ k \equiv \\ k() \\ E_{self}() \\ q_{max} = \\ q_{max} = \\ 2k_F \\ m_{max} = \\ \hbar/2\tau \rightarrow \\ 0 \end{array}
                      \underset{t}{\overset{n}{0}}\underset{t}{\overset{n}{e}st}.
                   \underset{meand is nex prepis skratka 7 preps anv tva rerelativne jodchlky: \frac{\rho()-\rho_0()}{\rho_0()} = \frac{1}{\rho_0()}
                     -\frac{dE_{self}^{AA}()}{d} + \frac{dE_{self}^{free}()}{d},(1)
                      _{t}^{qmax} _{t}^{qual} 
                      \rho_0()_{\overline{\rho_0()}}
                     \begin{array}{c} \rho_0() \overline{\rho_0()} \\ \overline{\tau} \equiv \\ \overline{0} = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 = 1 \\ 0 
                                                                                                                                                               \frac{e^2}{\epsilon_0 k_s^2} \frac{q_{max}}{2\pi^3 \hbar D} + \frac{e^2}{\epsilon_0 k_s^2} \frac{1}{2\pi^2 (2\hbar D)^{3/2}} \sqrt{\mid -_F \mid},
                                                \rho_0()
(2)
                  _{h}^{d} U_{co} = 0.27 \frac{\hbar}{\tau}
                     \stackrel{\stackrel{\frown}{q_{max}}}{1/l}^{\overline{\tau}} =
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JEAA ()