$$\int_{-\infty}^{\infty} (x) = \sqrt{x}$$

$$\int_{\Gamma} f'(x) = V$$

$$f'(x) = \frac{1}{2} \cdot x^{-\frac{1}{2}} = \frac{1}{2\sqrt{x}}$$

$$f'(x) = \frac{1}{2} \cdot -\frac{1}{2} \cdot x^{-\frac{3}{2}} = -\frac{1}{4} \cdot x^{-\frac{3}{4}}.$$

$$U_0 = \sqrt{x_0}$$

$$\alpha_1 = \left(\frac{3}{2} - 1\right) \cdot \left(\frac{x}{x_0} - 1\right) \cdot \sqrt{x_0}$$

$$= \frac{1}{2} \cdot \sqrt{\times}_{0} \cdot \left(\frac{\times}{\times}_{0} - 1\right)$$

$$= \frac{1}{2} \sqrt{\times}_{0} \cdot \frac{\times}{\times}_{0} - \frac{1}{2} \sqrt{\times}_{0}$$

$$= \frac{1}{2} V_{\times i} \cdot \frac{x}{\times o} - \frac{1}{2} V_{\times o}$$

$$\frac{1}{2} \cdot \sqrt{x_0} = \frac{1}{2} \sqrt{x_0} \cdot \frac{x}{x_0} \quad | : \frac{1}{2} / \overline{x_0}$$

$$1 = \frac{x}{x_i} \cdot 1 \cdot x_0$$

$$1 = \frac{1}{x_i} \cdot \frac{1}{x_0}$$

$$C=> \frac{\sqrt{2}}{\sqrt{2}} \times \sqrt{2}$$

= - 4. (VX)