10.10 - Kinetick's energie vouns klidore

$$m = \frac{m_0}{\sqrt{1-\frac{v^2}{\sqrt{2}}}}$$

$$E - E_0 = E_0$$

$$\frac{mc^2}{\sqrt{1-w^2}} \sim mc^2 = mc^2$$

$$mc^2\left(\frac{1}{\sqrt{1-\frac{v^2}{c^2}}}-1\right) = mc^2$$

$$\frac{1}{\sqrt{1-\frac{v^2}{62}}} = 2$$