When the wave meets the simmovable barrier, then obviously it can to move that node So, we see the Stationary node example and see the total wave how to be destroyed at the wall and replaced with a wave fliped over the String

Sina the wave 17 Jeconstructively interferent every 0.724 pm . Because 0.74 pm, they must intract every 0.74pm. Because of the symmetry, $\lambda = 2(0.74 \text{ pm})$ OK this x for a see.

What does this mean?

BeBralie:

$$\frac{1}{C} \sqrt{\frac{1}{2}(k + mc^{2})^{2} - (mc^{2})^{2}} = \frac{h}{2k}$$

$$\frac{1}{C} (k + mc^{2})^{2} = \frac{ch^{2}}{4a^{2}} + (mc^{2})^{2}$$

$$k = \sqrt{\frac{c^{2}h^{2}}{4a^{2}} + (mc^{2})^{2}} - mc^{2}$$

a) photons:

5) electrons

() Protors: