

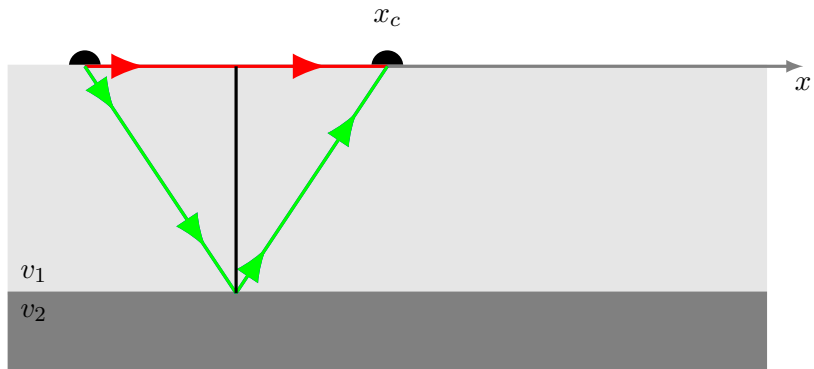
Try to...

Compute

critical distance

given

v_1, v_2, h



Solution

$$\frac{\sin i_1}{\sin i_2} = \frac{v_1}{v_2}$$

$$\sin i_c = \frac{v_1}{v_2}$$

$$x_c = 2 \cdot h \cdot \tan i_c$$

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actually better to determine h from given x_c