Polarization - a property of transverse waves

\[ I = \frac{I_0}{2} \cos^2 \theta \]

Matthus’ Law

Reflection also polarizes light

\[ \tan \theta = \frac{n_2}{n_1} \]

Charges vibrate along direction of sight -> no light!
Special Relativity

1) Laws of Physics hold in any inertial frame
2) Speed of Light (vacuum) is c no matter how or where it is generated

I measure c!

I measure c! Not u+c!