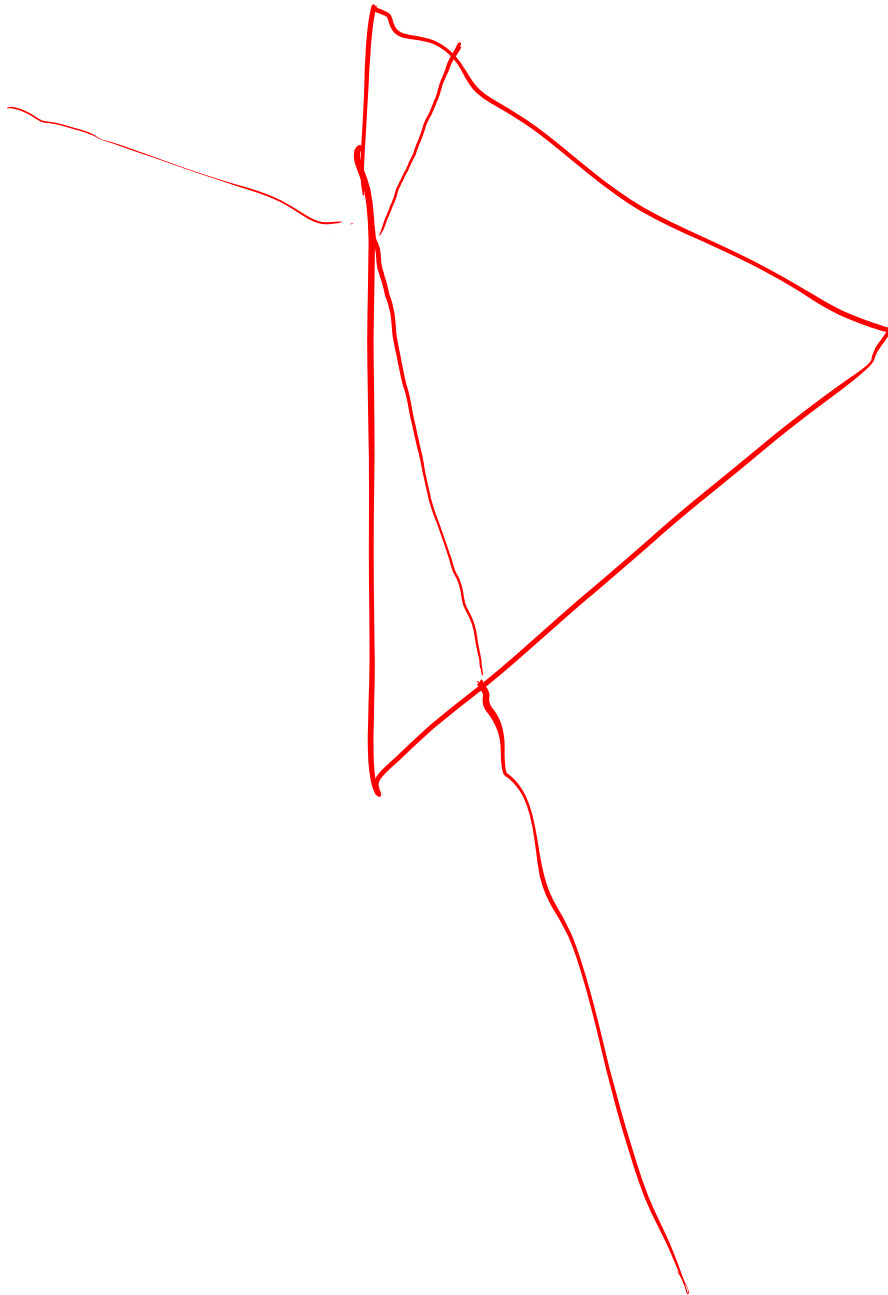
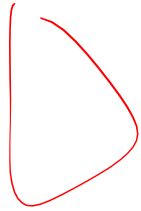
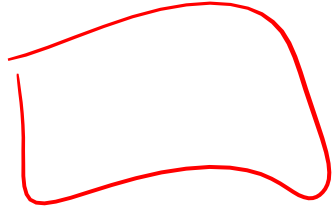


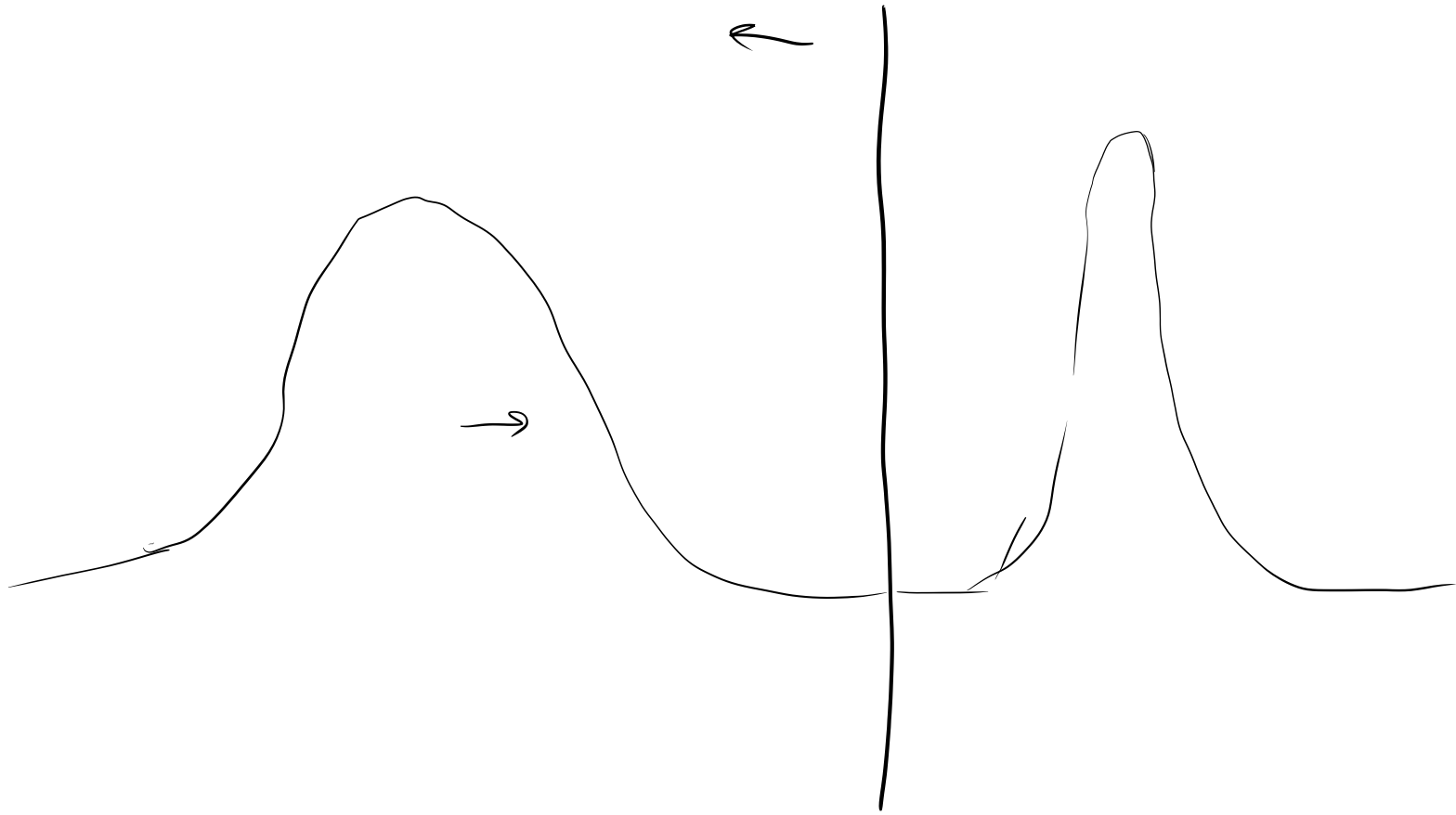
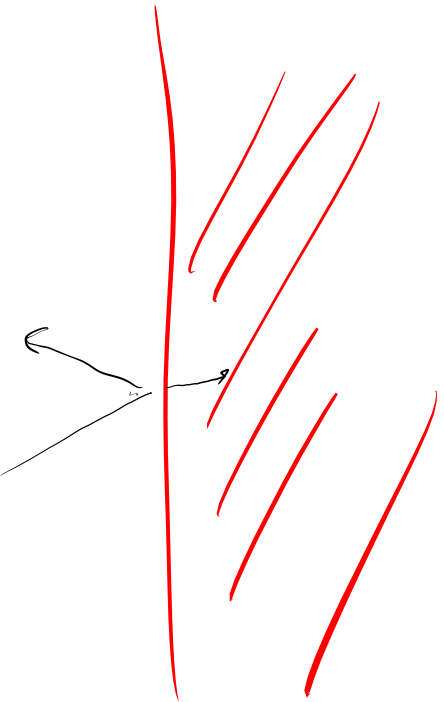
$$\frac{\sin(\theta_1)}{\sin(\theta_2)} = \frac{v_1}{v_2} = \frac{n_2}{n_1}$$

Speed of light
index of refraction

$$n_i = \frac{c}{v_i}$$

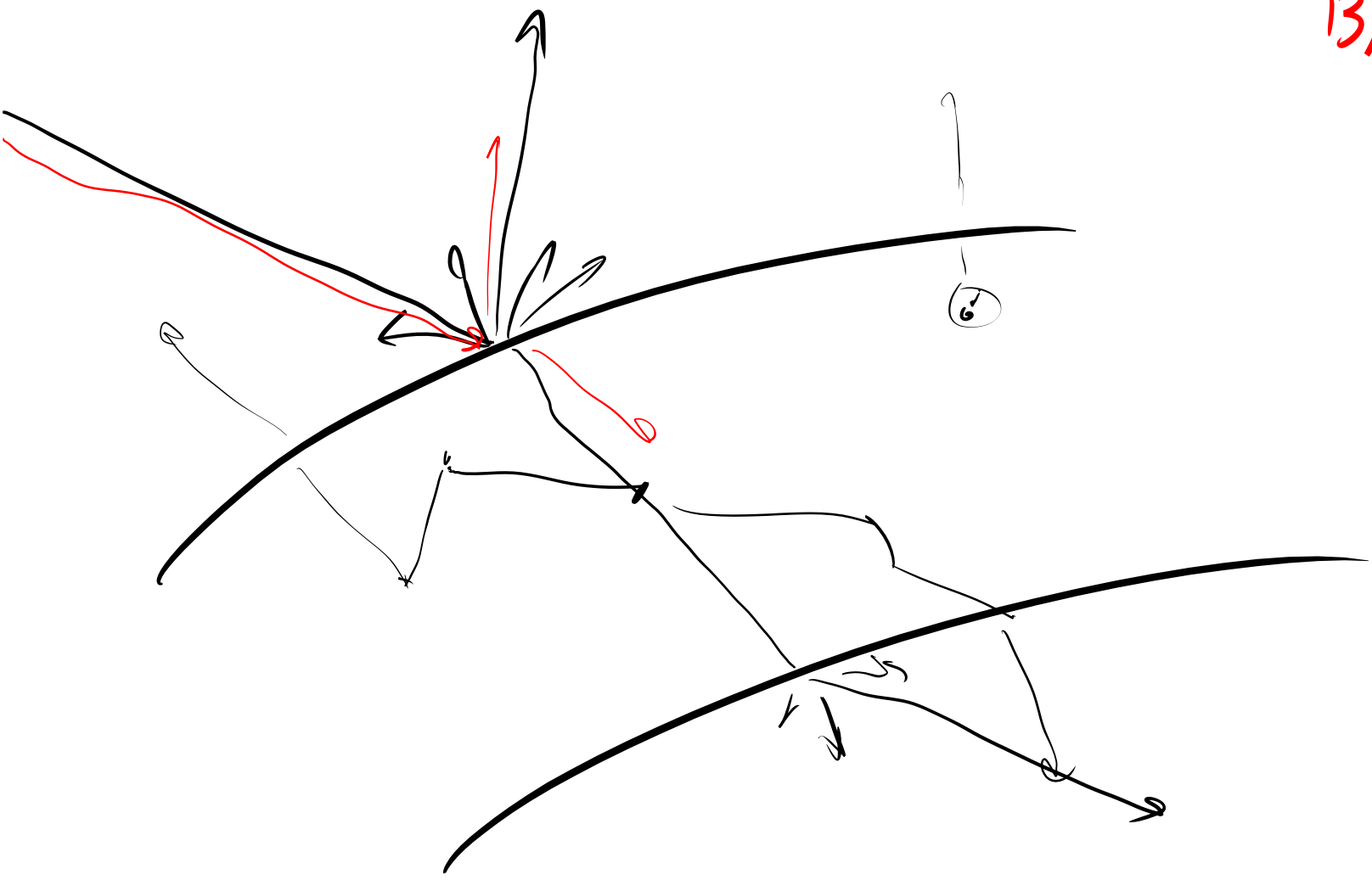
Total internal reflection







3 branched raytraced



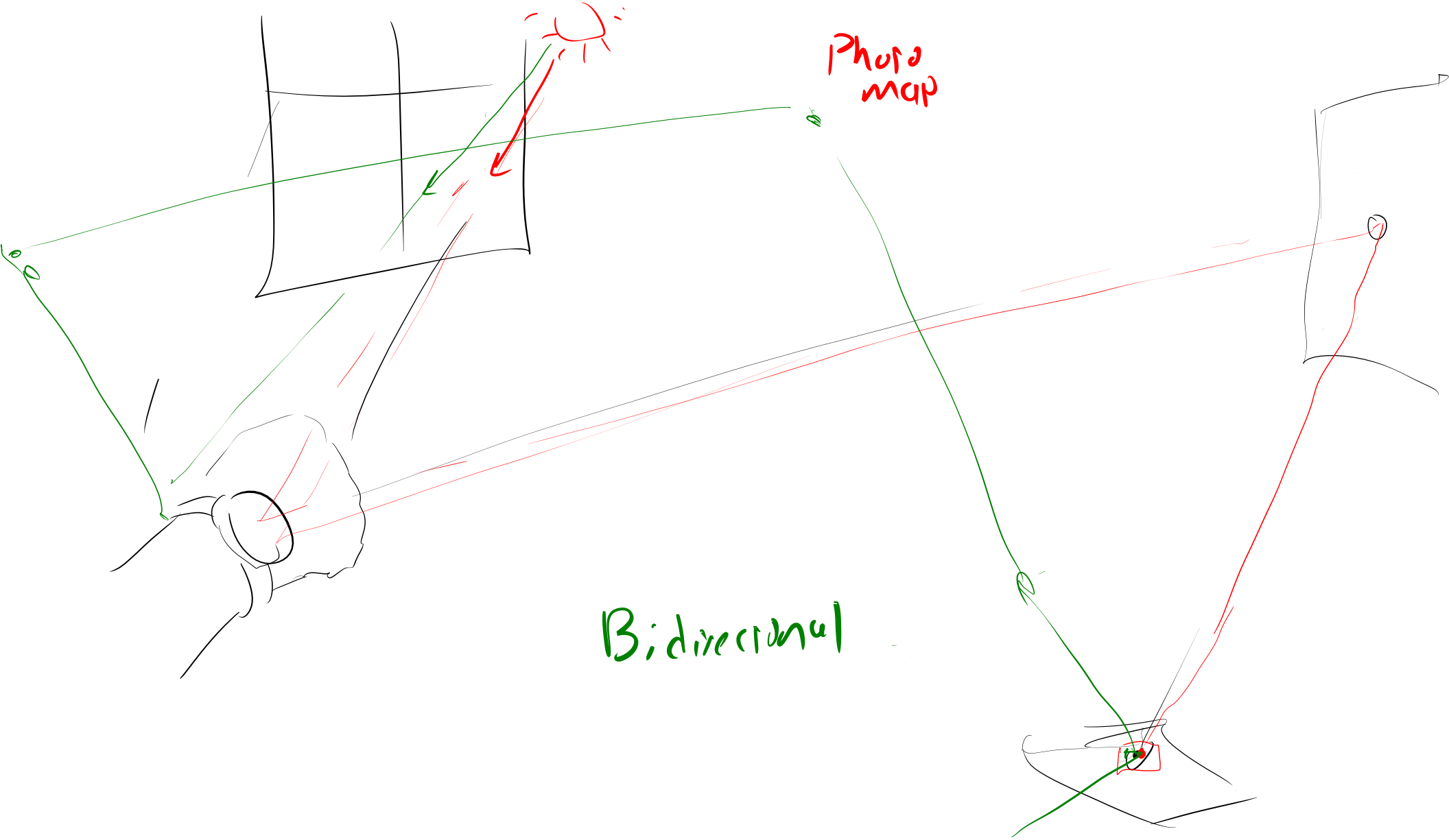


Photo map

Bidirectional

