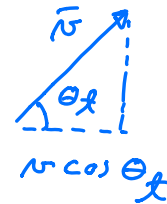
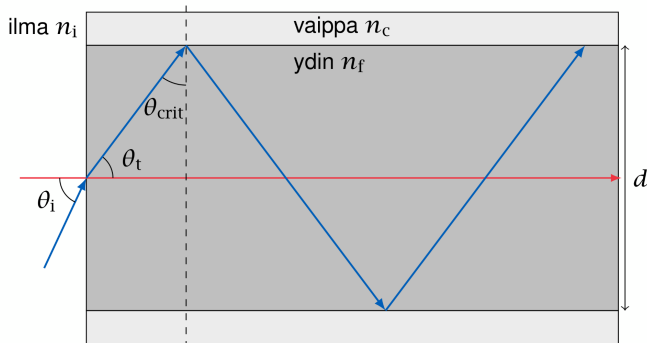


Valokuuti:



$$\sin \theta_{\text{crit}} = \frac{n_c}{n_f} = \cos \theta_t$$

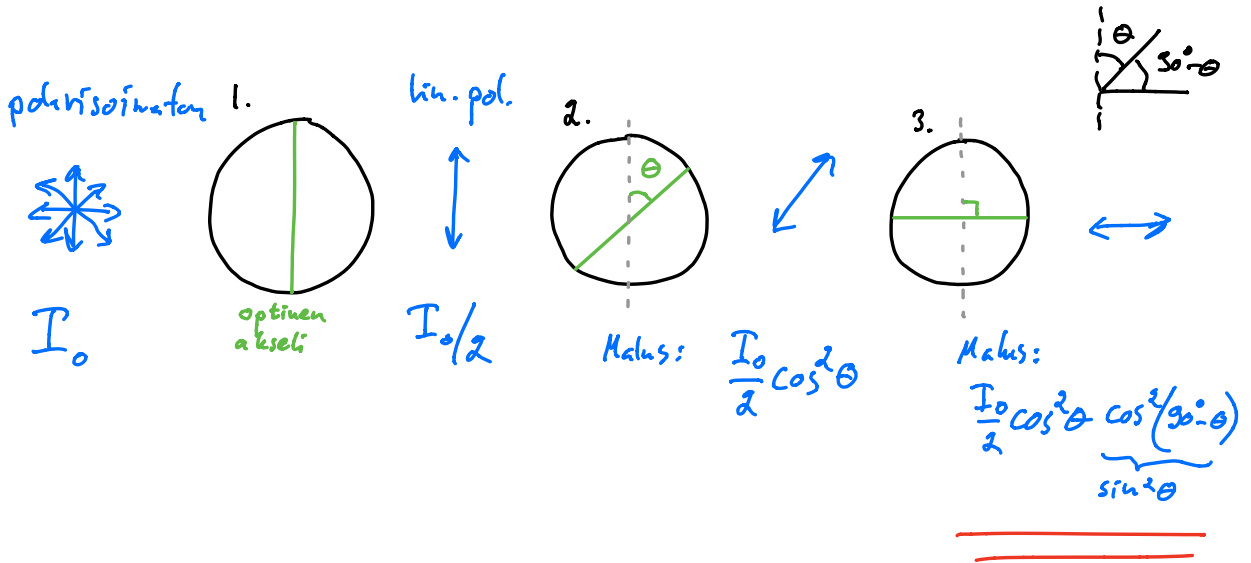
$$n = \frac{c}{n_f}$$

$$\Delta t = \frac{L}{n \cos \theta_t} - \frac{L}{n}$$

$$= \frac{L n_f}{c \frac{n_c}{n_f}} - \frac{L n_f}{c}$$

$$= \frac{L n_f}{c} \left[\frac{n_f}{n_c} - 1 \right]$$

Malus-esimerkki:



Brewster:

