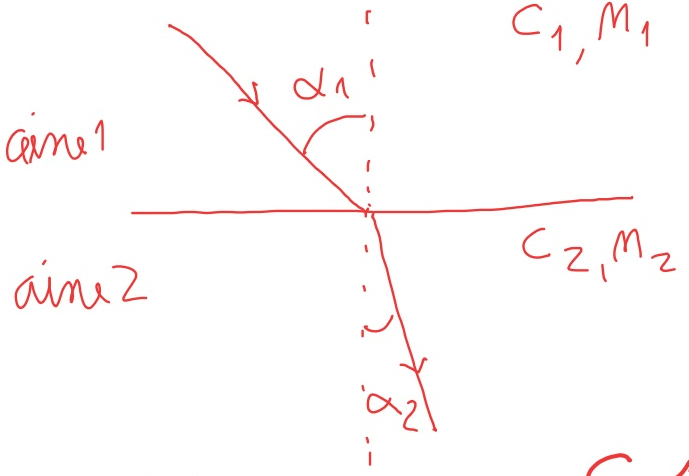
Valon taittuminen

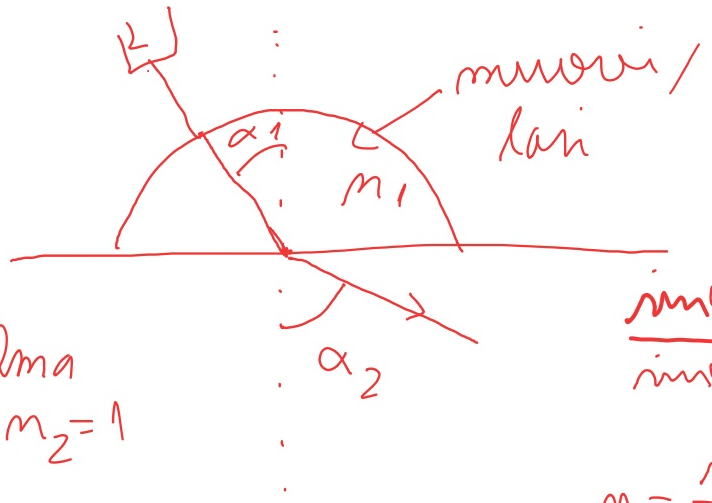


Taittumislaki:

$$\frac{\sin\alpha_1}{\sin\alpha_2} = \frac{c_1}{c_2} = \frac{n_2}{n_1}$$

Taitekerroin $n_1 = \frac{c_0}{c_1}$ ← valon nopeus tyhjiössä, ilmalle $n \approx 1$

Tutkimus:
Muovin taittokerroin



α_1	α_2	$\sin\alpha_1$	$\sin\alpha_2$

$$\frac{\sin\alpha_1}{\sin\alpha_2} = \frac{1}{n_1} \Leftrightarrow$$

$$n_1 = \frac{\sin\alpha_2}{\sin\alpha_1} = k$$