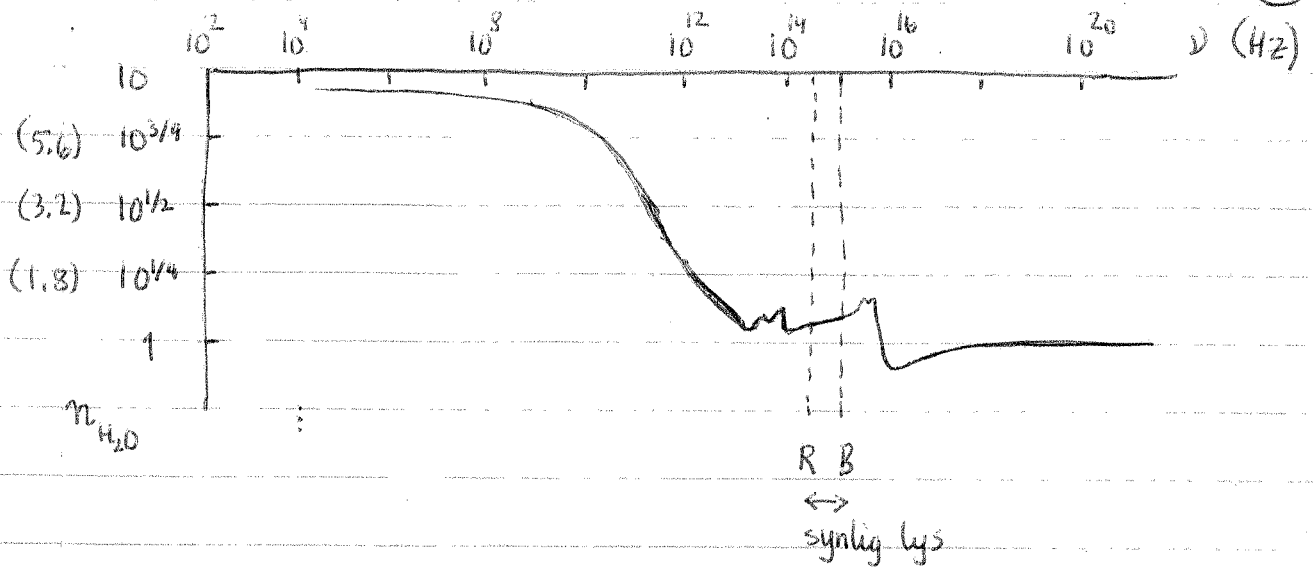
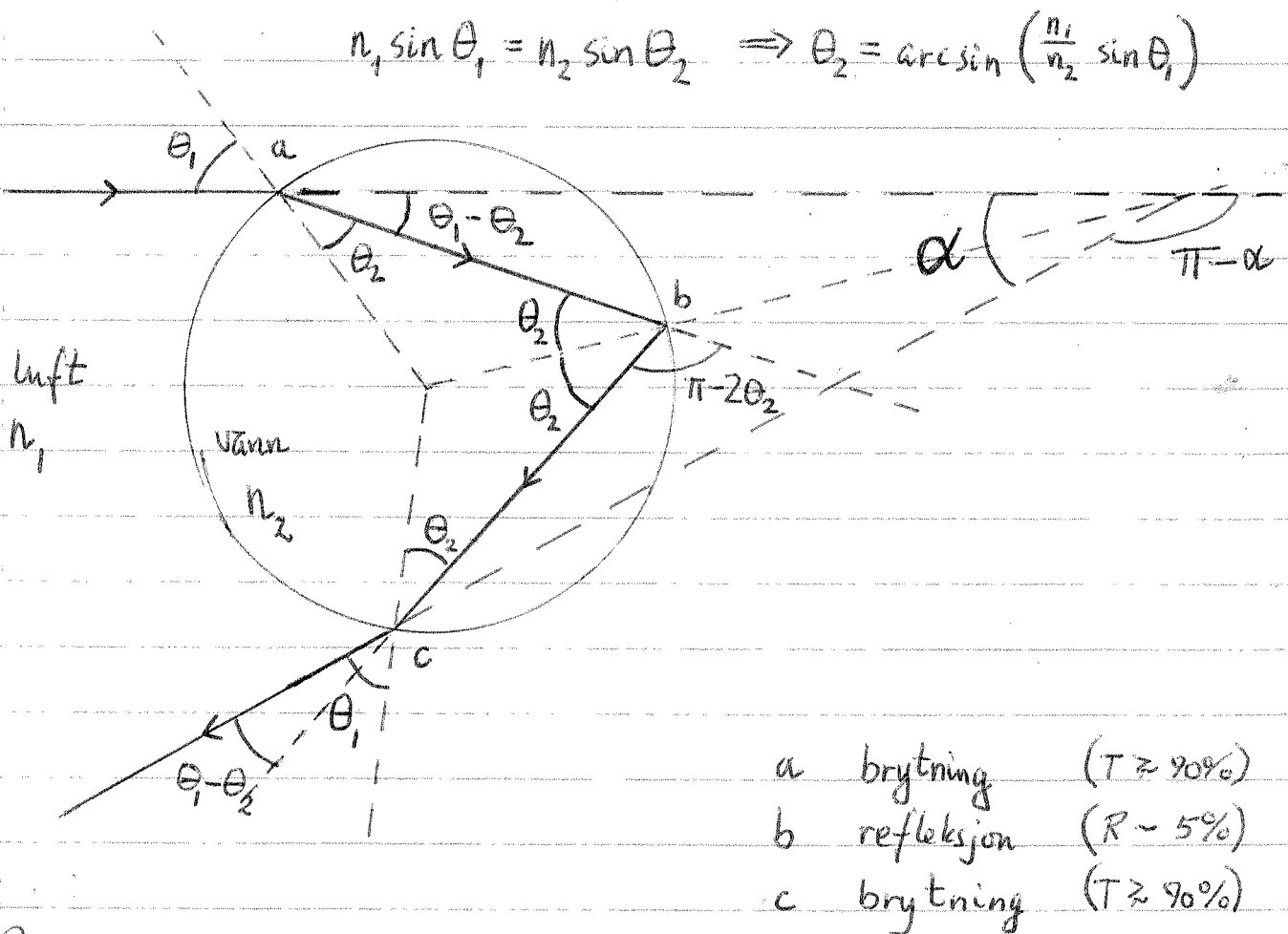




Regnbuen:



Retningsending =

$$(\theta_1 - \theta_2) + (\pi - 2\theta_2) + (\theta_1 - \theta_2) = \pi + 2\theta_1 - 4\theta_2 = \pi - \alpha$$

$$\Rightarrow \alpha = 4\theta_2 - 2\theta_1 = 4 \arcsin\left(\frac{n_1}{n_2} \sin \theta_1\right) - 2\theta_1$$