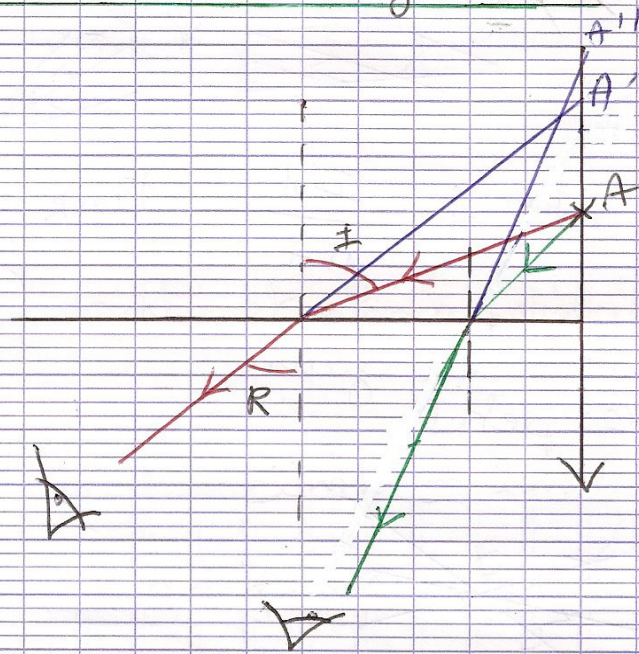


(5) Condition de grossissement



$$\tan i = \frac{IH}{HA} \quad \tan R = \frac{IH}{HA'}$$

$$\frac{HA'}{HA} = \frac{\tan i}{\tan R} = \frac{\sin i}{\cos i} \times \frac{\cos R}{\sin R}$$

$$\sin R = \frac{n_0}{n_1} \sin i ; \cos R = \sqrt{1 - \sin^2 R}$$

$$\sqrt{1 - \left(\frac{n_0}{n_1}\right)^2 \sin^2 i}$$

$$\frac{HA'}{HA} = \sqrt{\frac{\left(\frac{n_0}{n_1}\right)^2 \sin^2 i}{1 - \sin^2 i}}$$