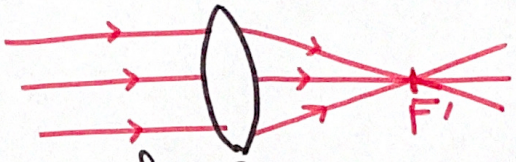
FORMATIONS D'IMAGES

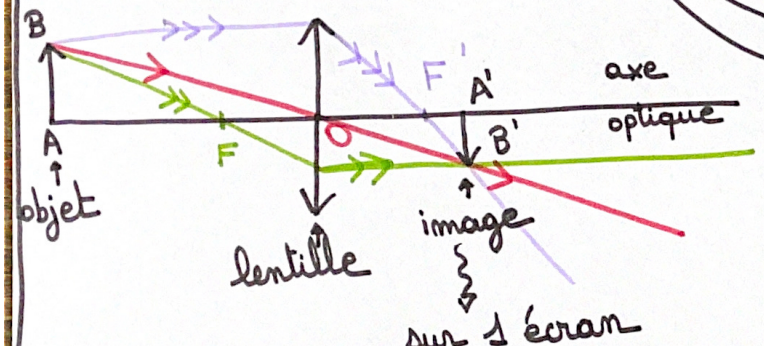
appareil photo
lunette astro
microscope

lentille convergente



Modélisation

O centre optique
F foyer objet F' foyer image



Outils

- vergence $C = \frac{1}{f'}$ (δ ← f' en m)

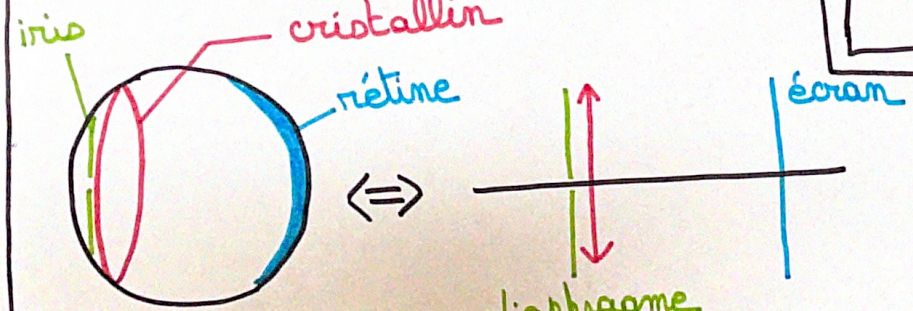
$OF' = f' =$ distance focale

$OF = OF'$
O est le centre de FF'.

- grandissement $\gamma = \frac{A'B'}{AB} = \frac{OA'}{OA}$

image + | 1 | image +
petite ... | | grande ...
image de même taille ...
... que l'objet.

L'oeil



→ accommodation : le cristallin se contracte pour être plus convergent