

CONSTRUCTION D'IMAGES

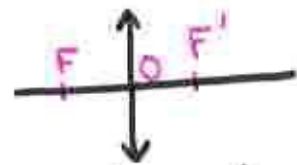
FORMATION D'IMAGES

OUTILS

lentille
convergente

convexe

modèle



O centre optique
F foyer objet
F' foyer image

$OF' = FO = \text{distance focale}$
 $= f'$

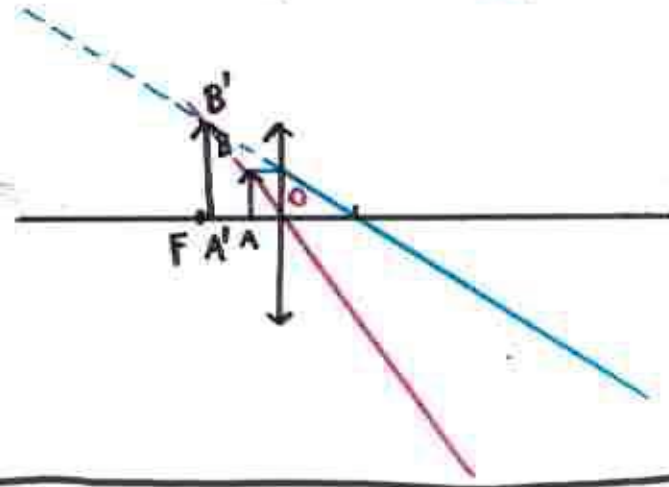
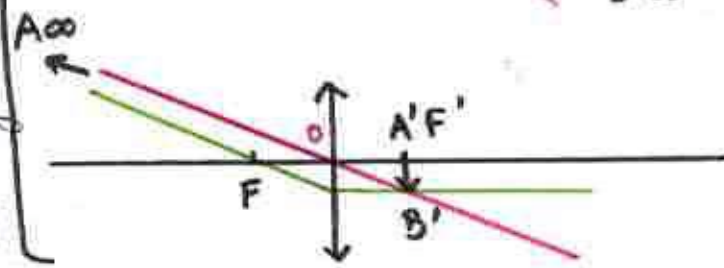
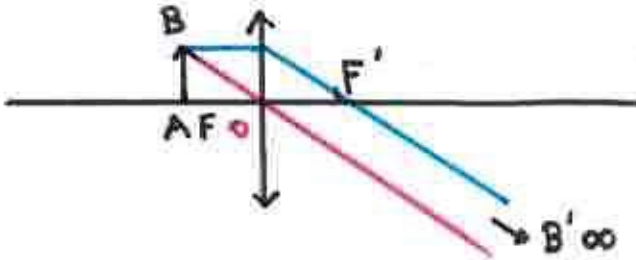
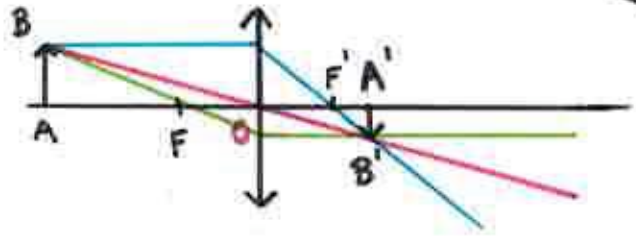


image virtuelle droite

• Vergence C (dioptrie)

$$C = \frac{1}{f'} = \frac{1}{OF'}$$

• Grandissement γ

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

-1 image renversée + grande	image 0 renversée + petite	image 1 droite + petite	image >1 droite + grande
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• Relation de conjugaison

$$\frac{1}{OA'} - \frac{1}{OA} = \frac{1}{OF'}$$



notations algébriques