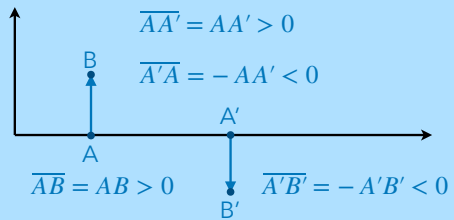
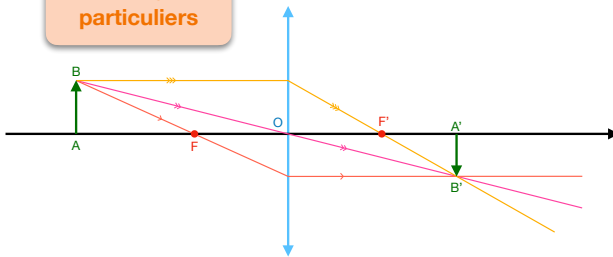


mesures algébriques :

distance + signe



Les 3 rayons particuliers

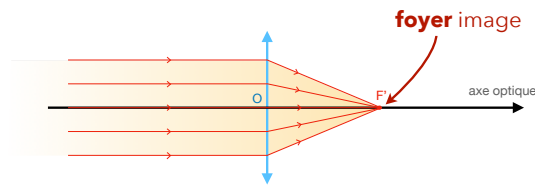


distance focale

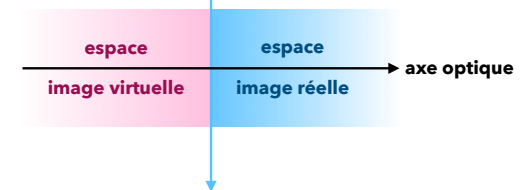
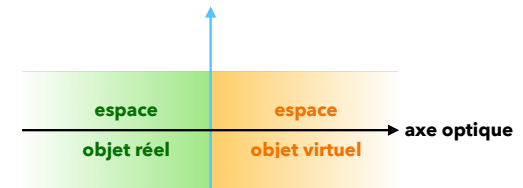
$f' = \overline{OF'}$
 pour une lentille CV,
 $f' > 0$

grandissement

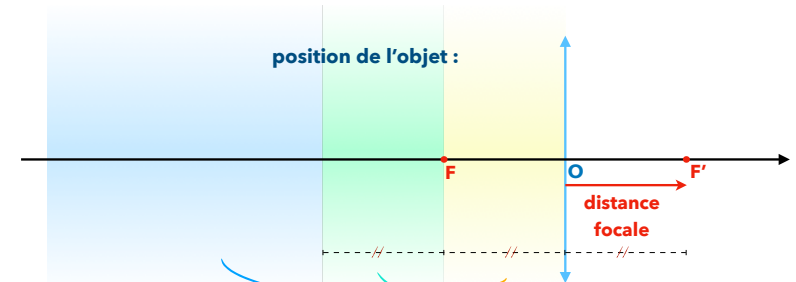
$$\gamma = \frac{\overline{A'B'}}{\overline{AB}}$$



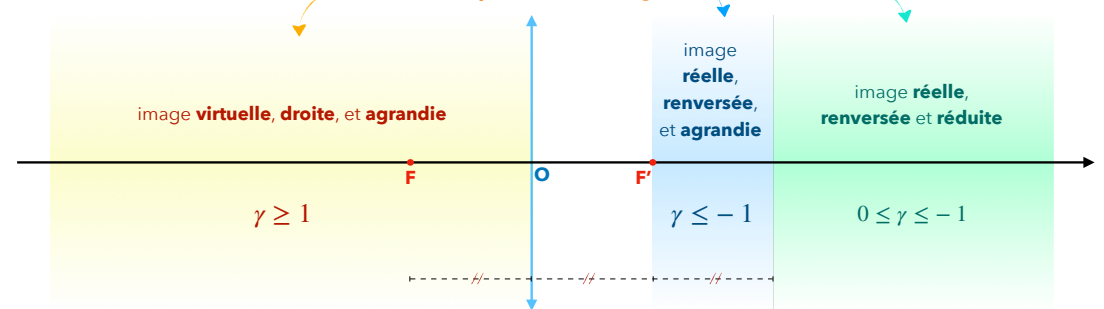
Permet d'estimer f' avec une source lumineuse lointaine.



position de l'objet :



nature et position de l'image :



| | |
|---------------------------------------|--|
| $\overline{OA} = -\infty$ | $\overline{OA'} = \overline{OF'} = f'$ |
| $\overline{OA} = \overline{OF} = -f'$ | $\overline{OA'} = \infty$ |

| | |
|----------------|-----------------|
| $ \gamma > 1$ | image agrandie |
| $ \gamma < 1$ | image réduite |
| $\gamma > 0$ | image droite |
| $\gamma < 0$ | image renversée |