

Cours O13 : présentation
Lentilles

Différents types de lentilles

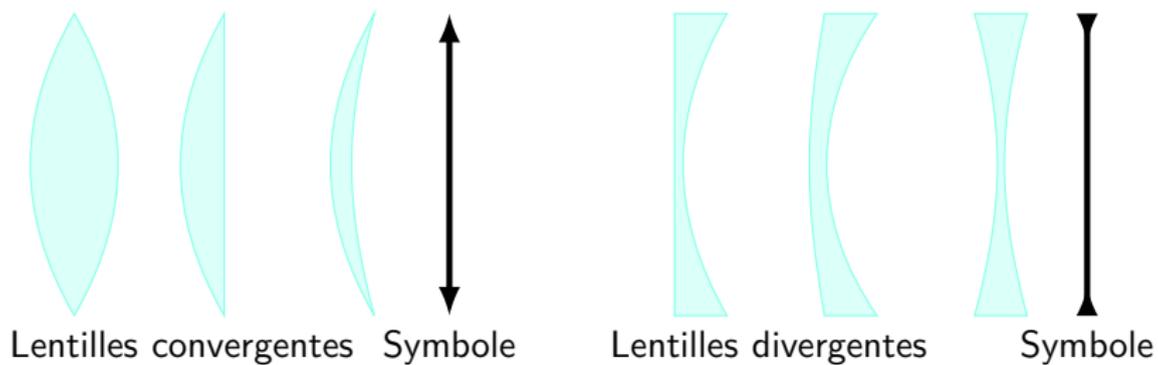


Figure 1

Centre optique de la lentille

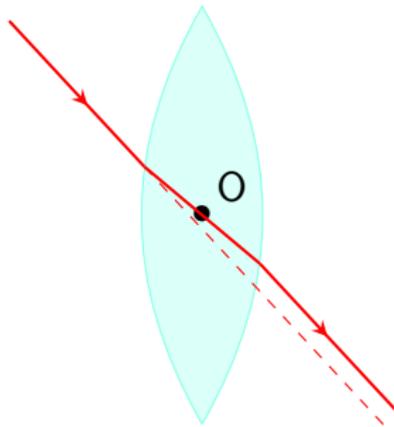


Figure 2

Foyers pour une lentille convergente

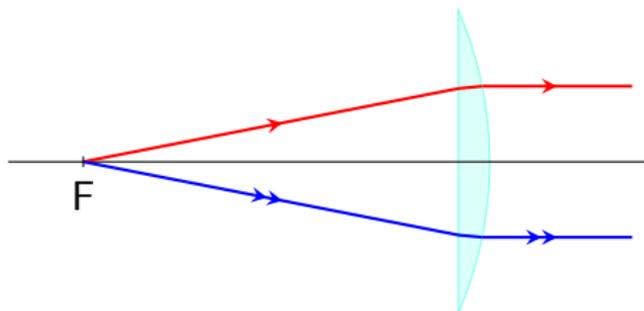


Figure 3

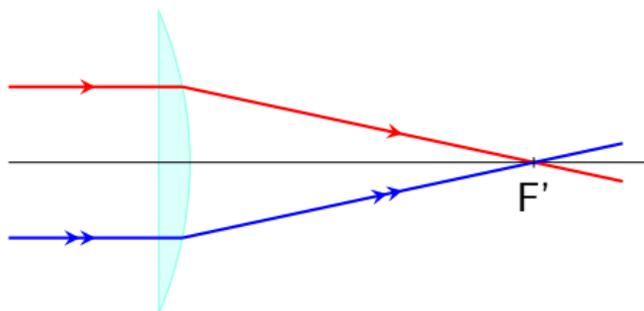


Figure 4

Foyers pour une lentille divergente

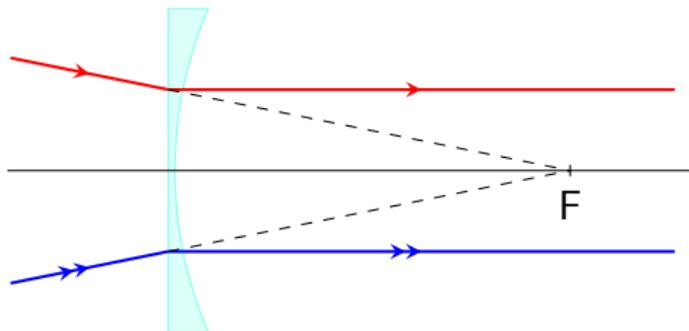


Figure 5

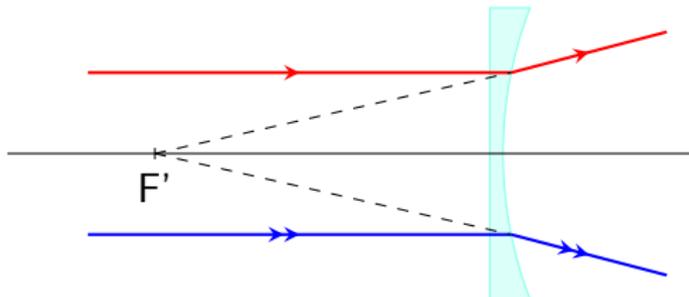


Figure 6

Construction de l'image d'un objet réel par une lentille convergente

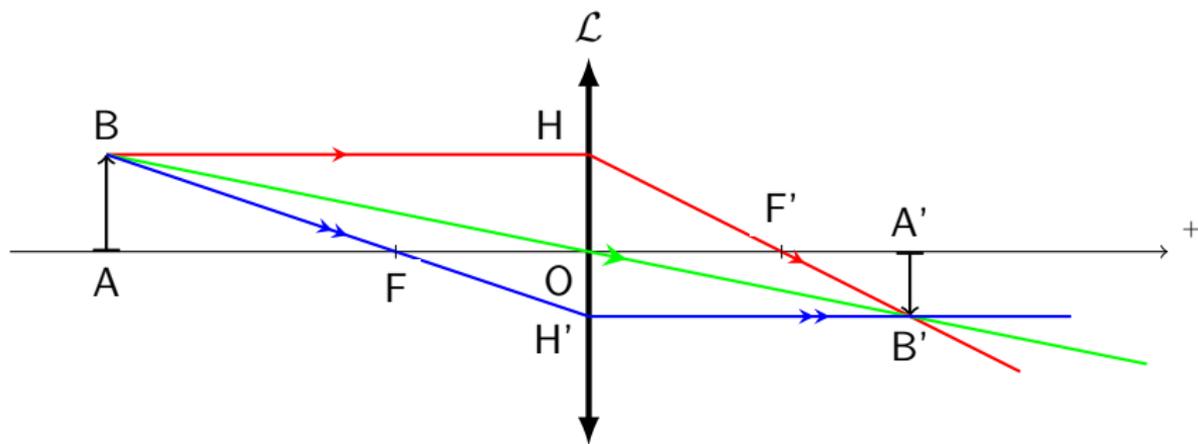


Figure 7

Lentille convergente : objet réel, image virtuelle

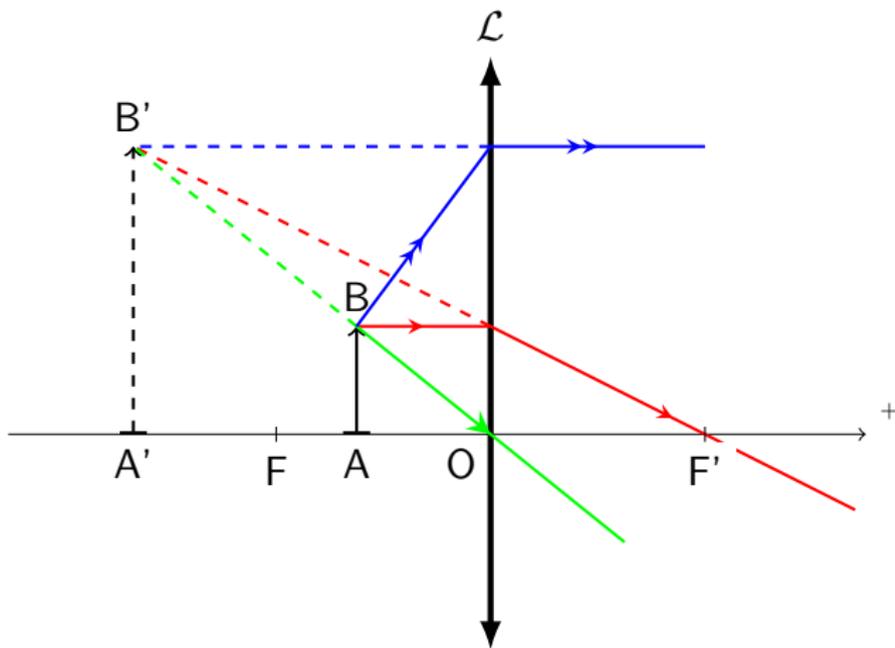


Figure 8

Lentille convergente : objet virtuel, image réel

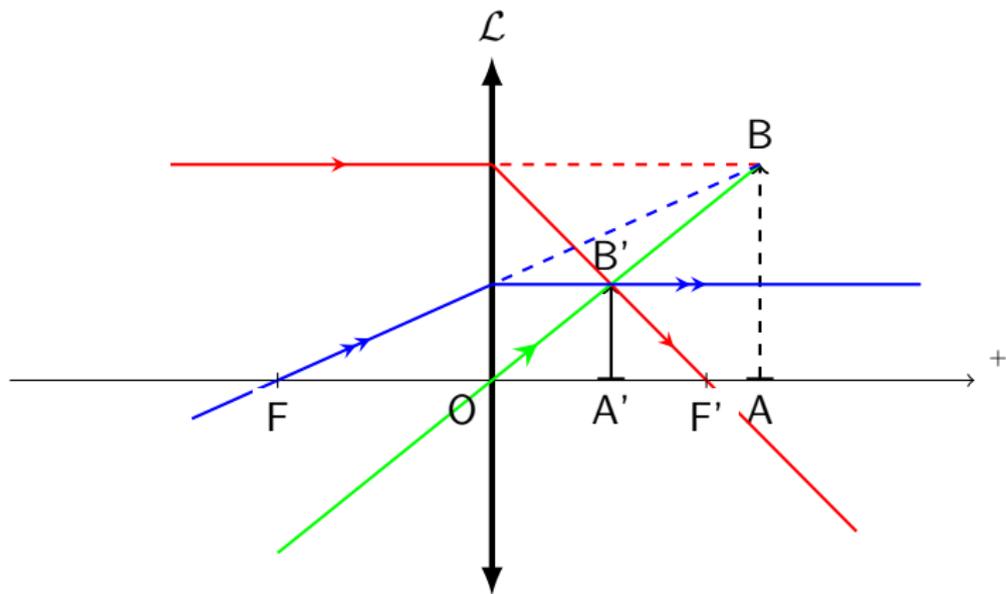


Figure 9

Lentille divergente : objet réel, image virtuelle

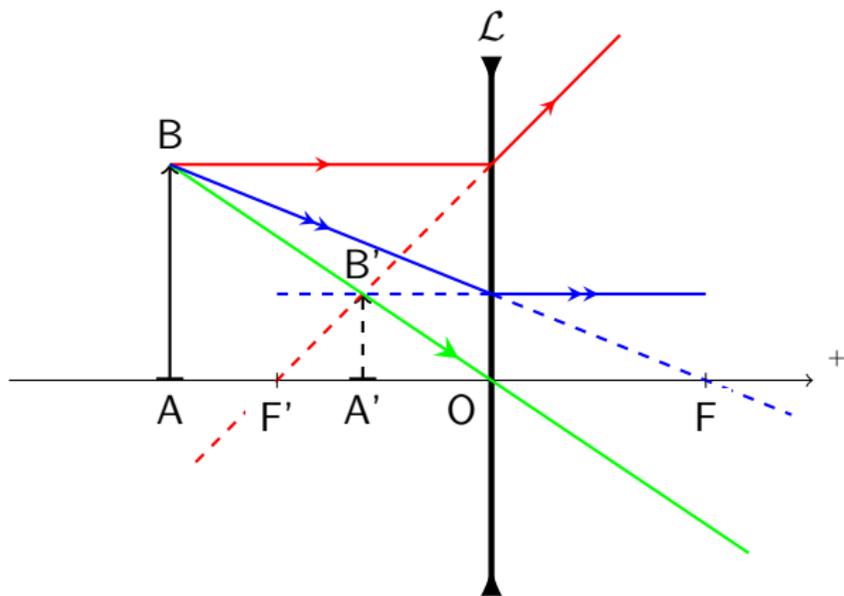


Figure 10

Lentille divergente : objet virtuel, image réelle

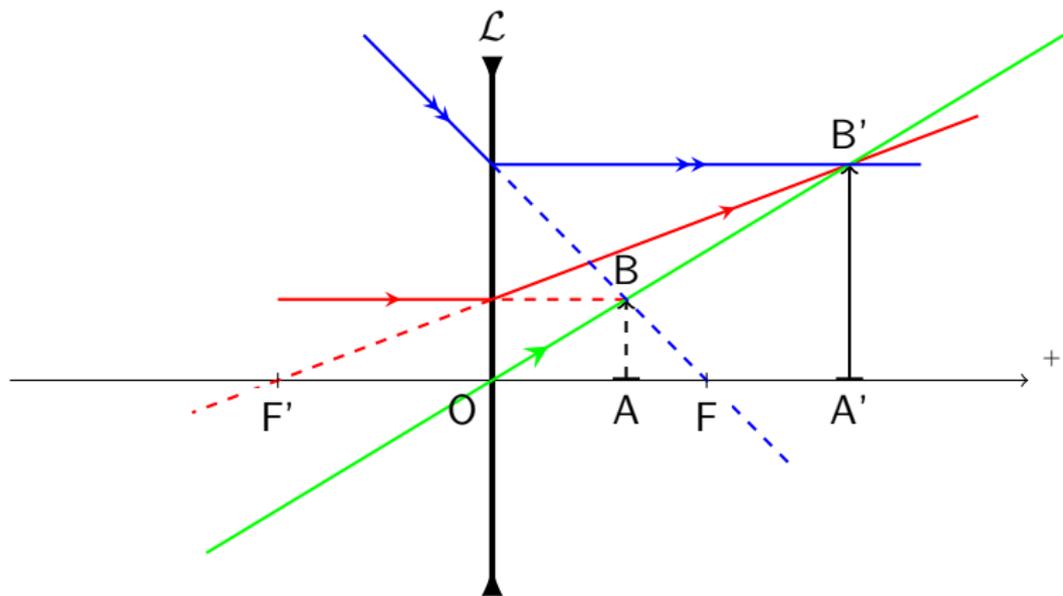


Figure 11

Lentille divergente : objet virtuel, image virtuelle

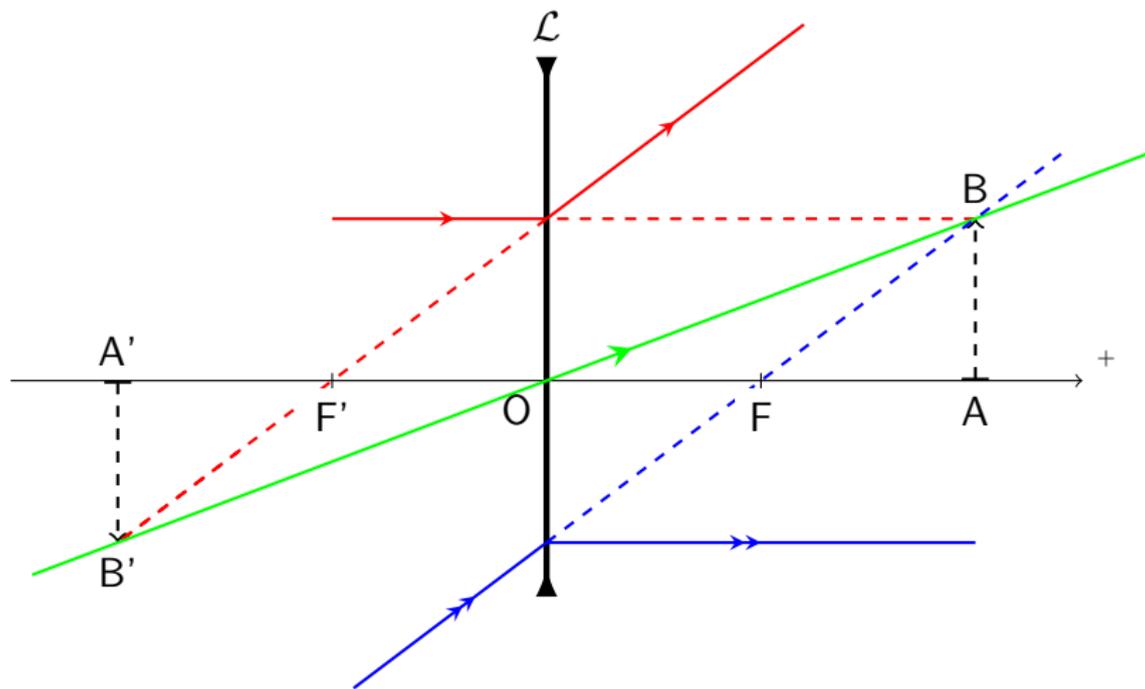


Figure 12

Lentille convergente : construction de l'émergent correspondant à un incident donné

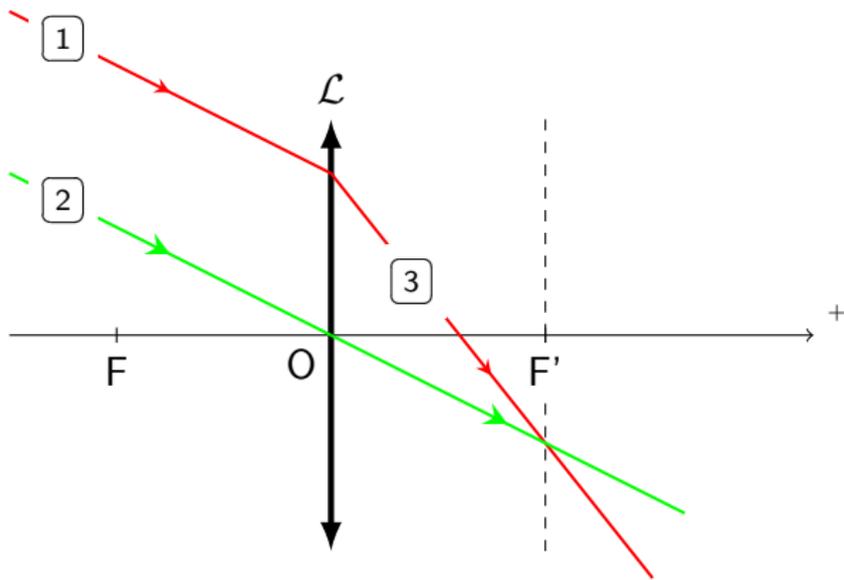


Figure 13 – Utilisation d'un foyer secondaire image

Lentille convergente : construction de l'émergent correspondant à un incident donné

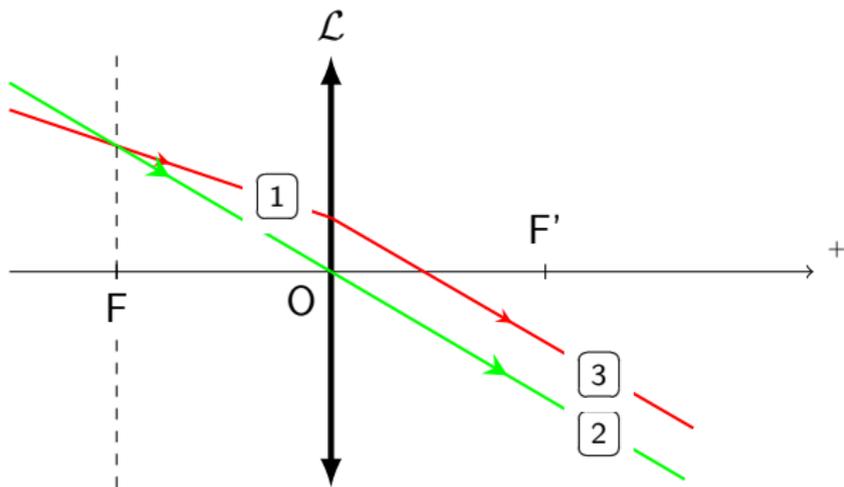


Figure 14 – Utilisation d'un foyer secondaire objet

Lentille divergente : construction de l'émergent correspondant à un incident donné

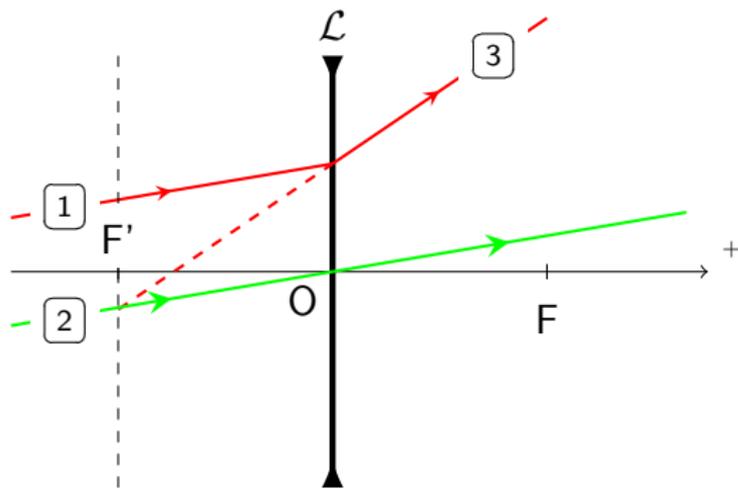


Figure 15 – Utilisation d'un foyer secondaire image

Lentille divergente : construction de l'émergent correspondant à un incident donné

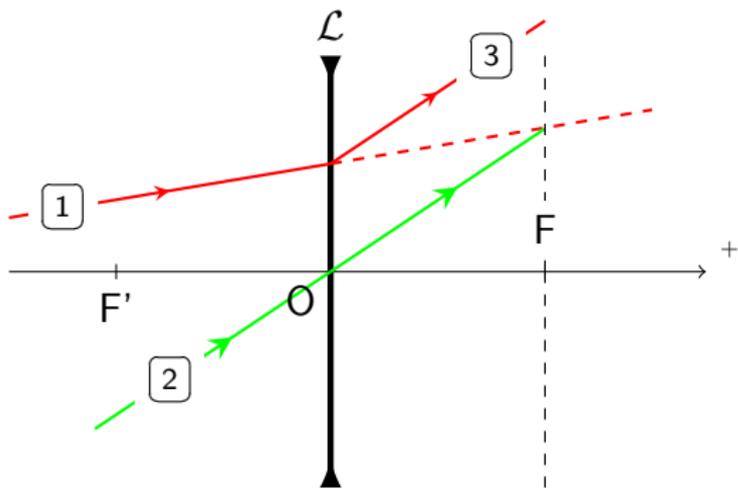


Figure 16 – Utilisation d'un foyer secondaire objet

Aberration chromatique

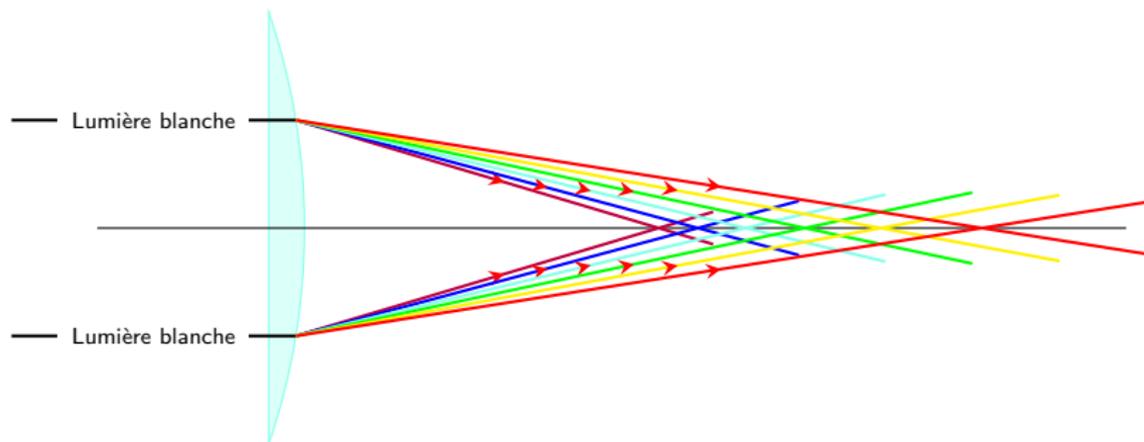


Figure 17

Aberration de sphéricité

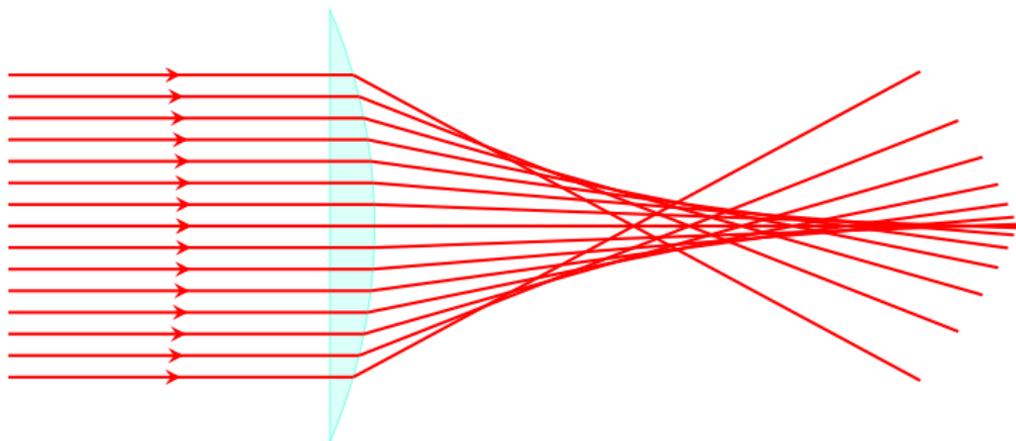


Figure 18

Distorsion

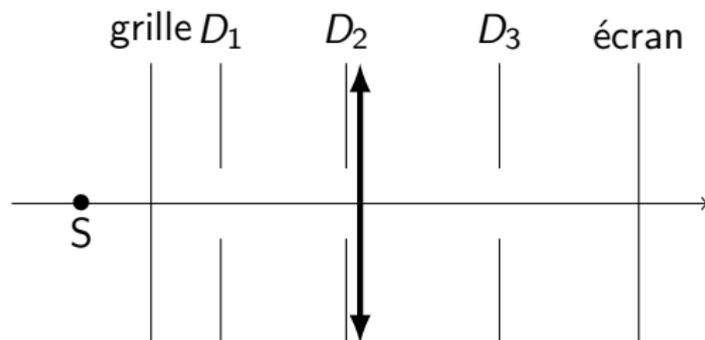


Figure 19

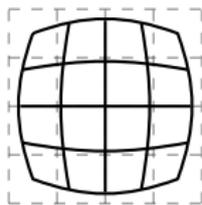


Figure 20 – Diaphragme en D_1

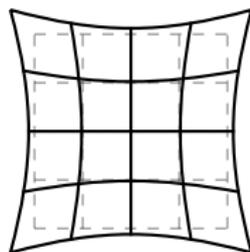


Figure 21 – Diaphragme en D_3