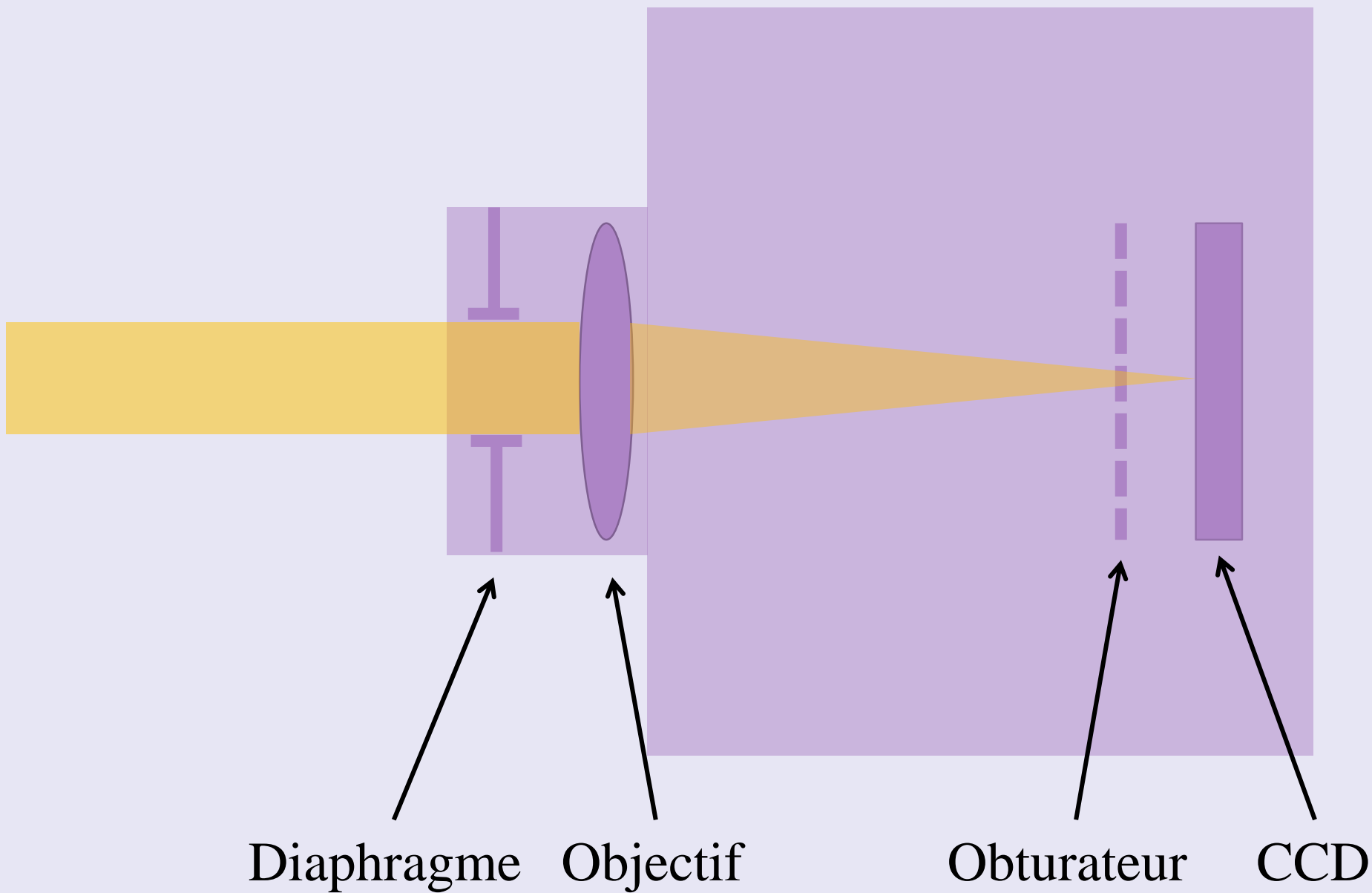


# PHOTOGRAPHIE

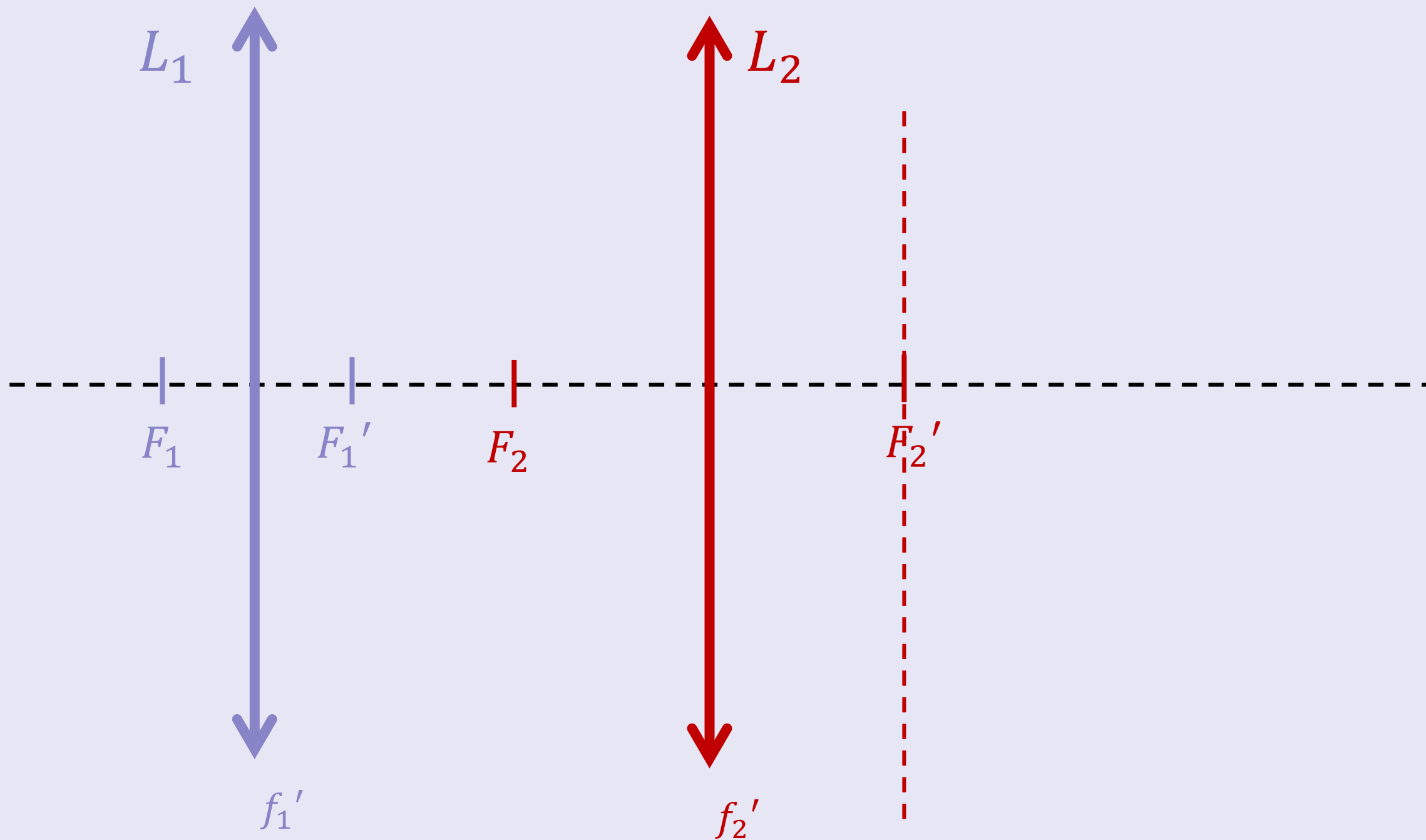
Niveau : CPGE/L1

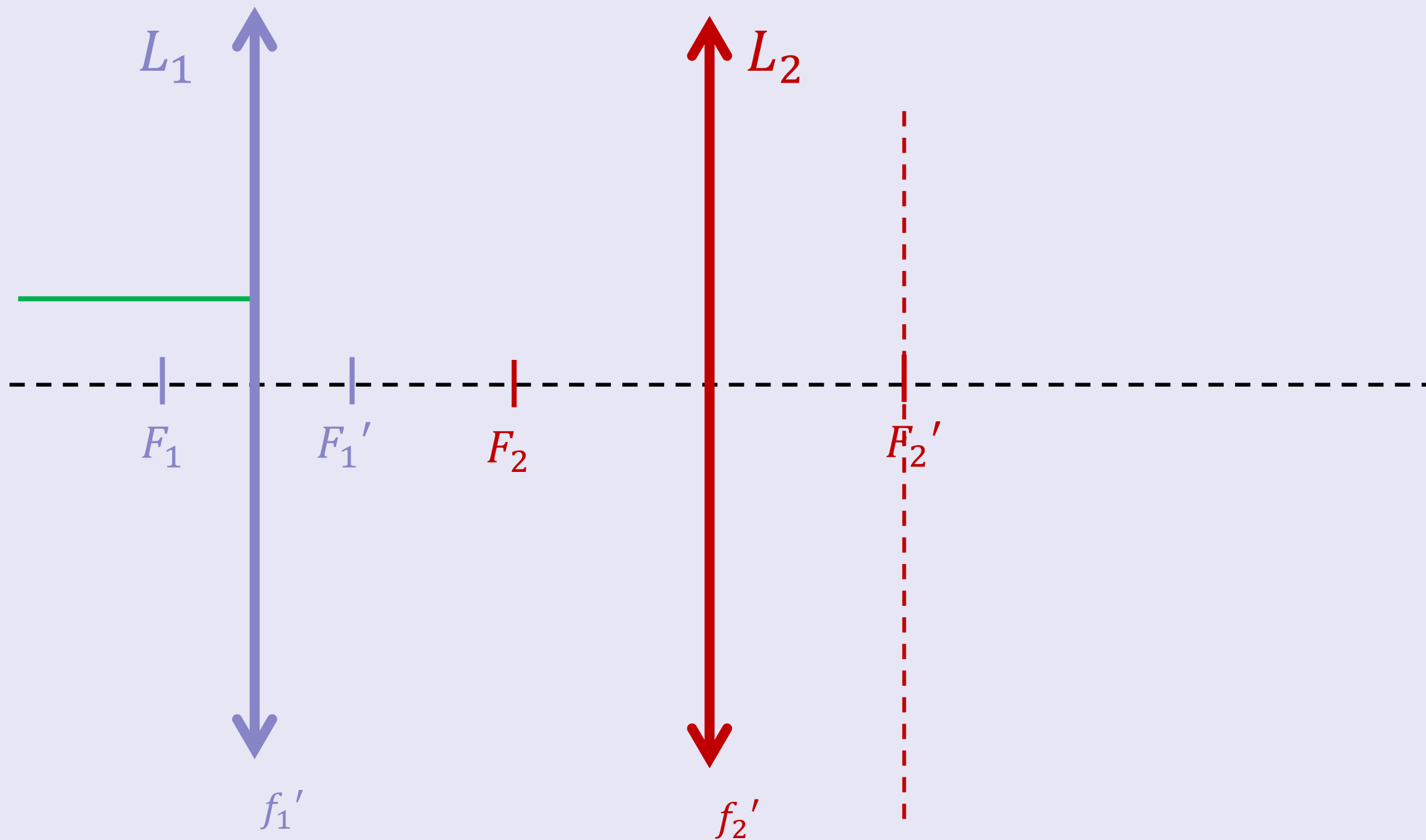
Pré-requis :

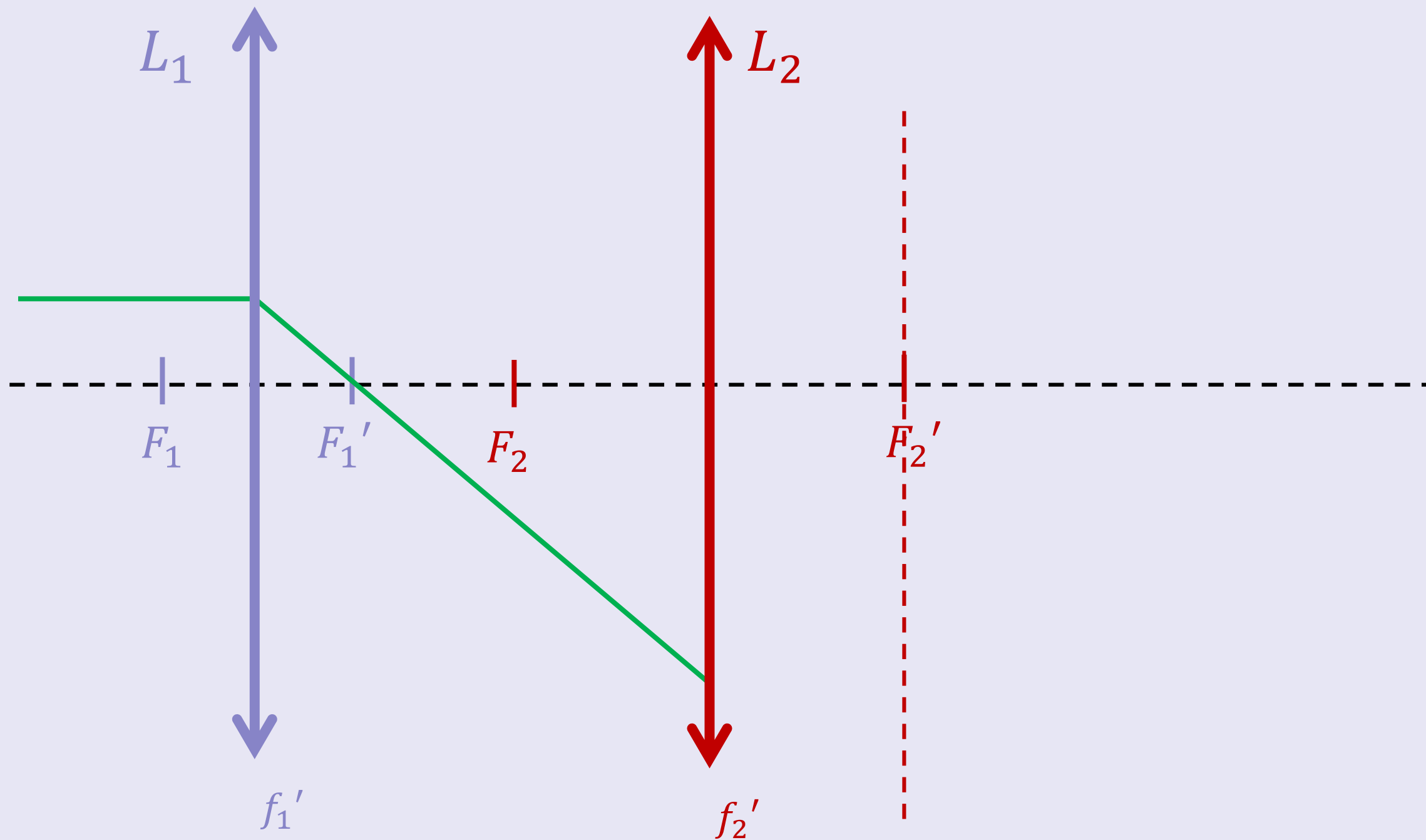
- Approximations de l'optique géométrique
  - Lois de Descartes
- Optiques : lentilles minces, diaphragmes
  - Constructions géométriques
- Systèmes centrés et approximation de Gauss
  - Formules de conjugaison

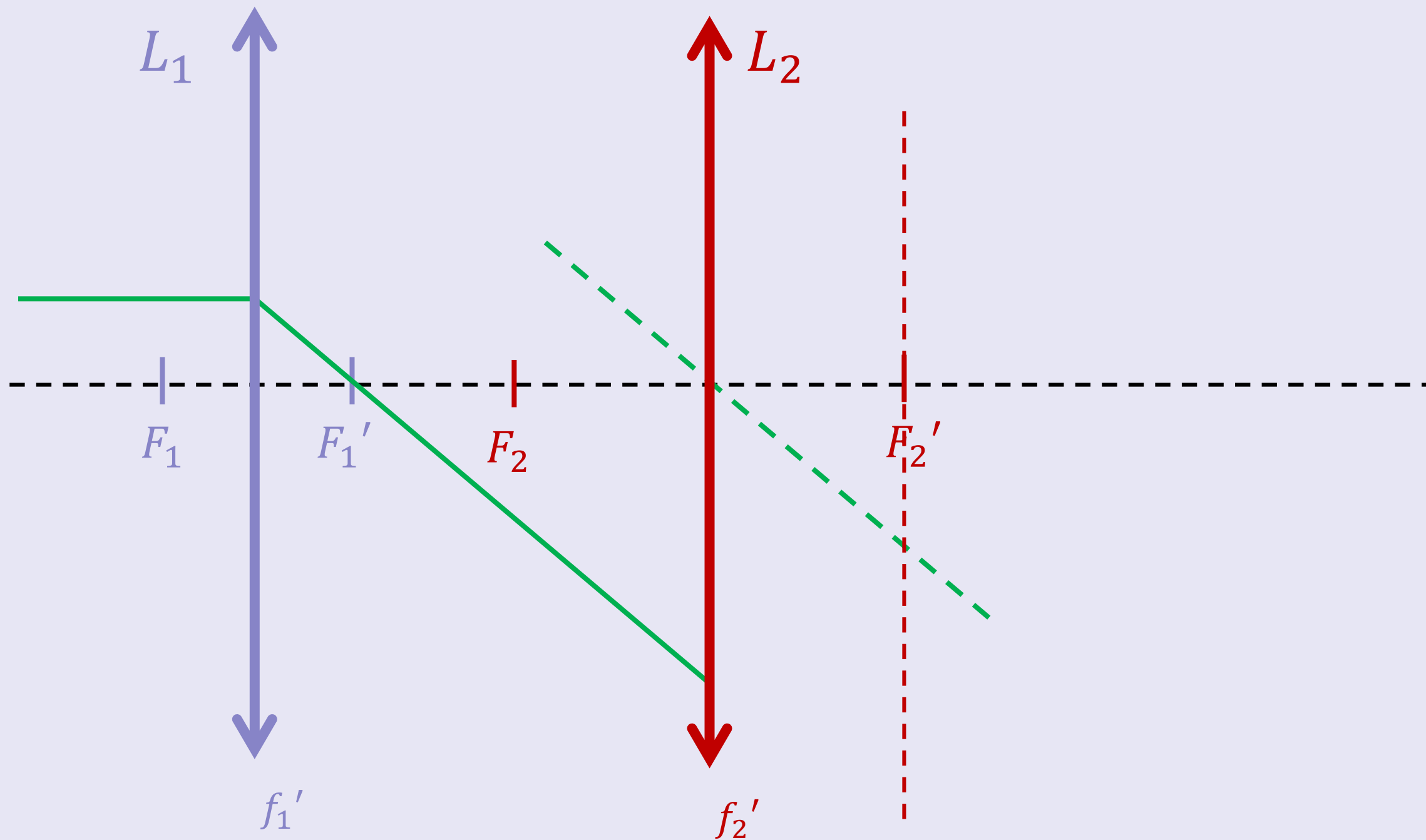


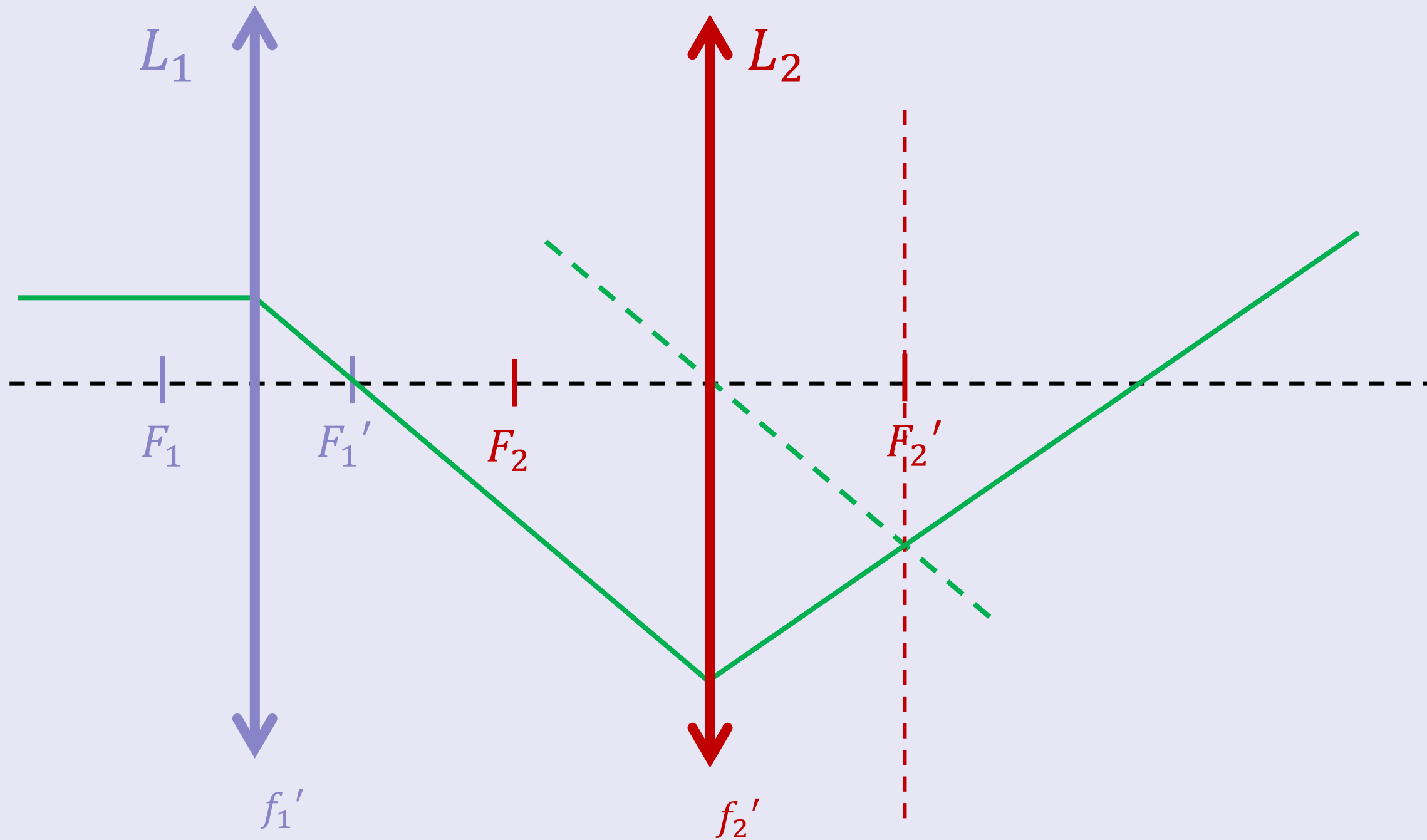




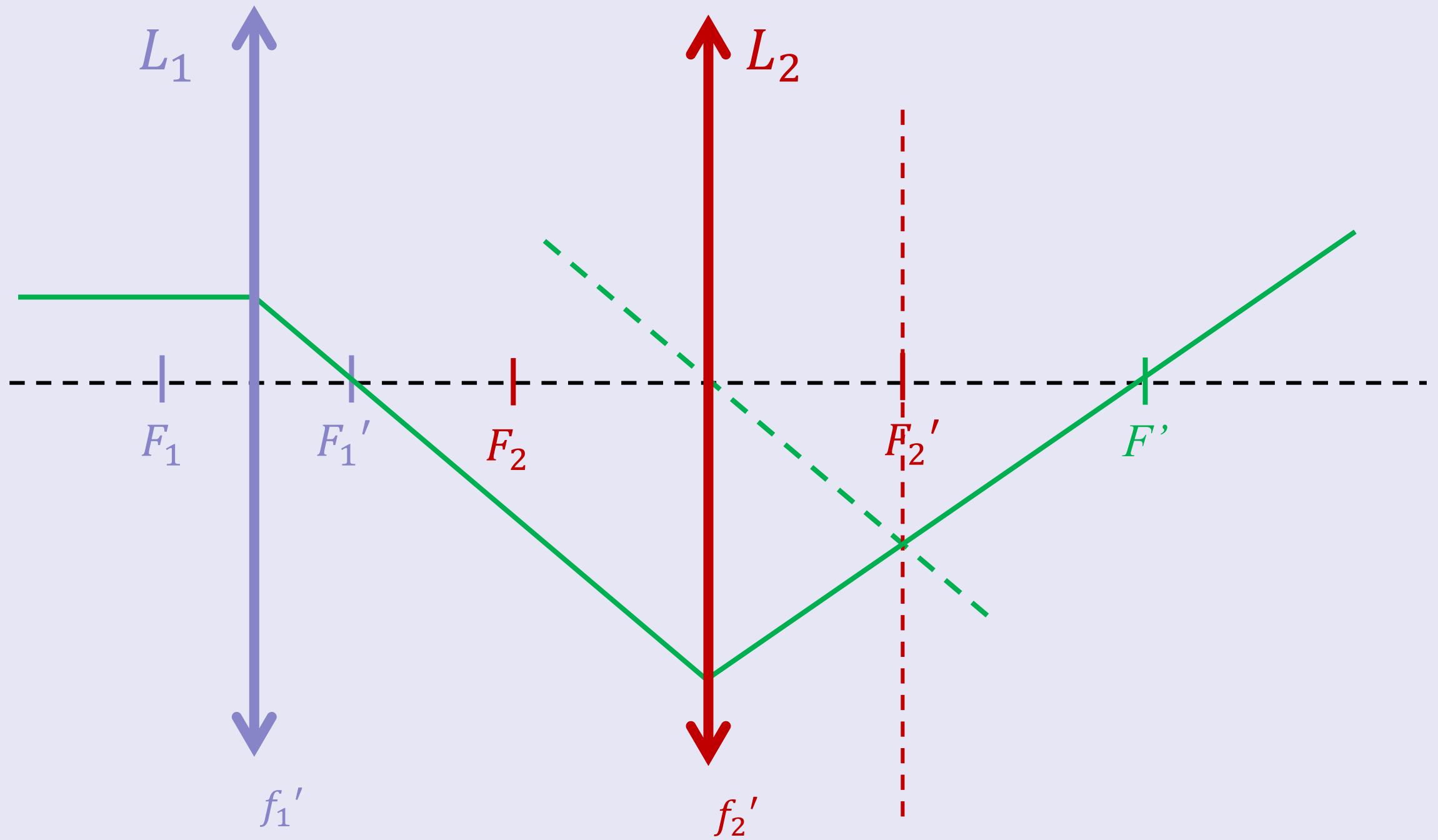


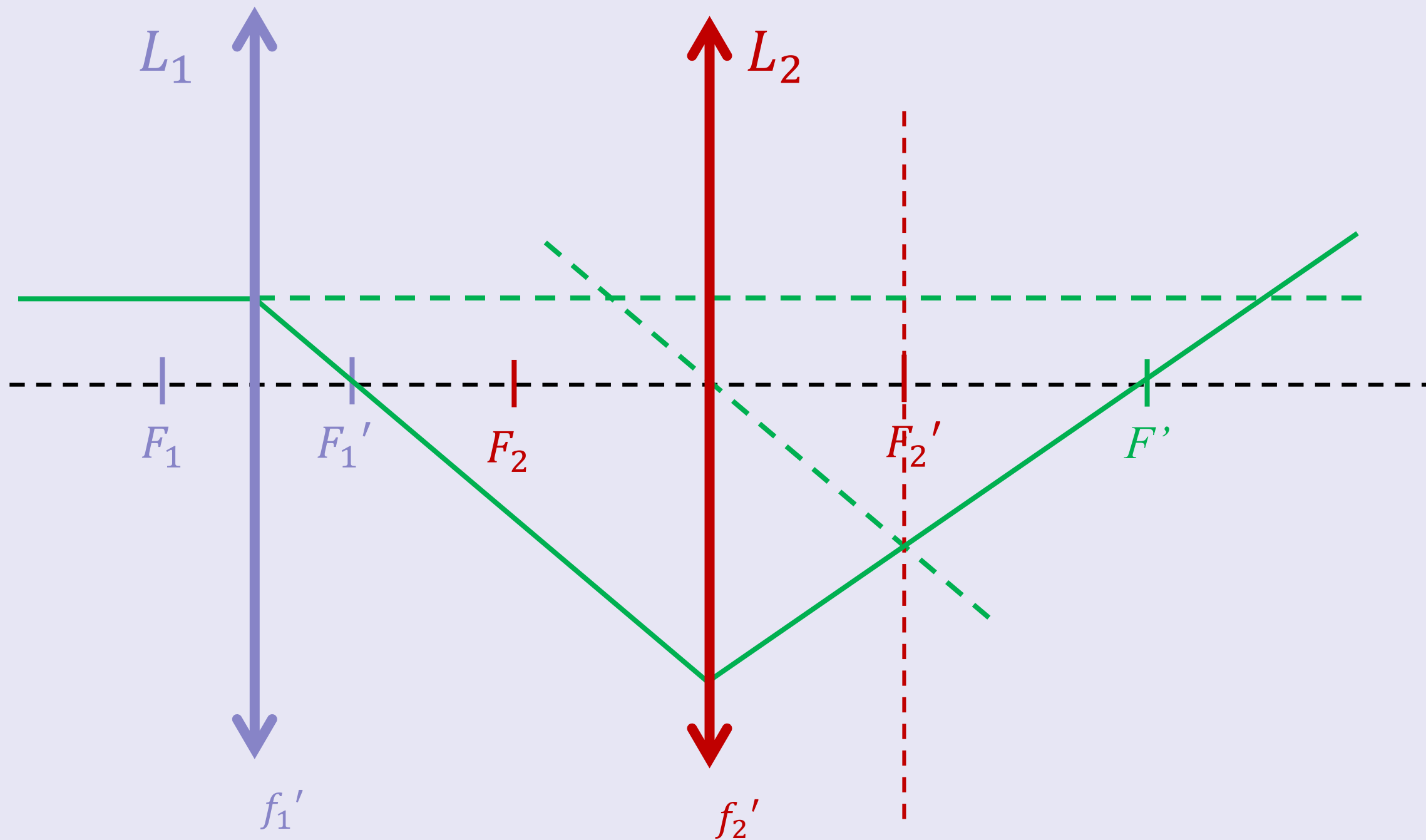


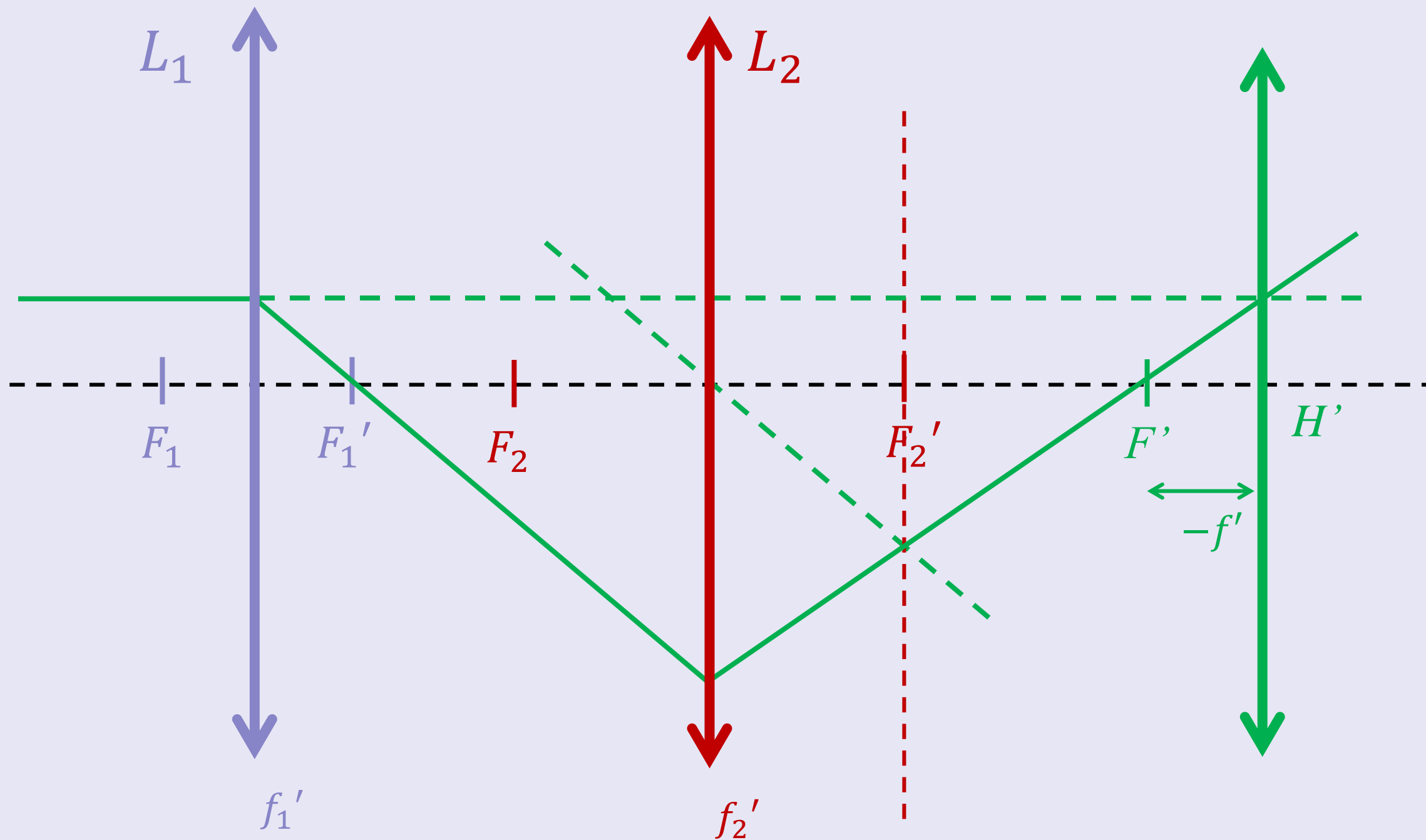


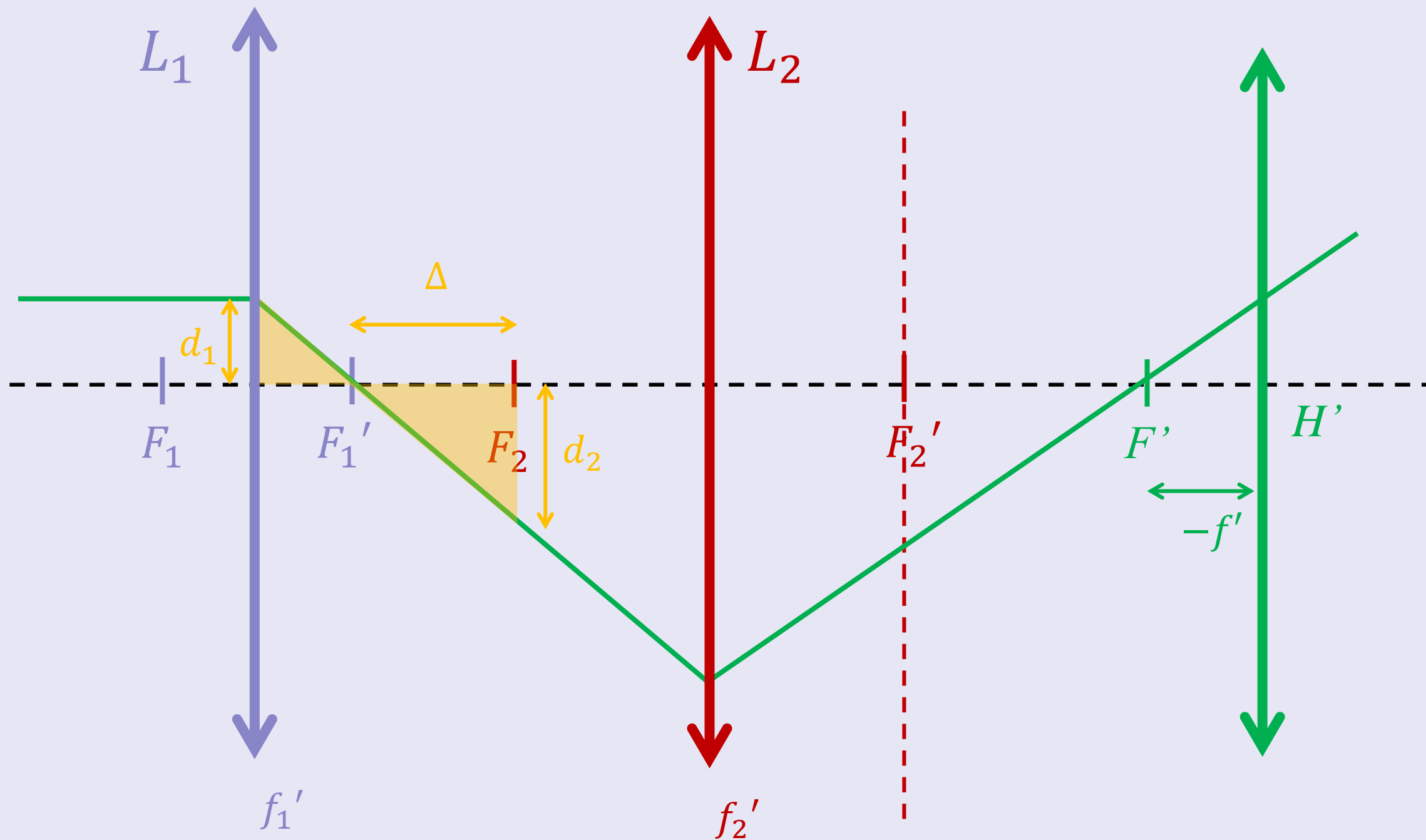




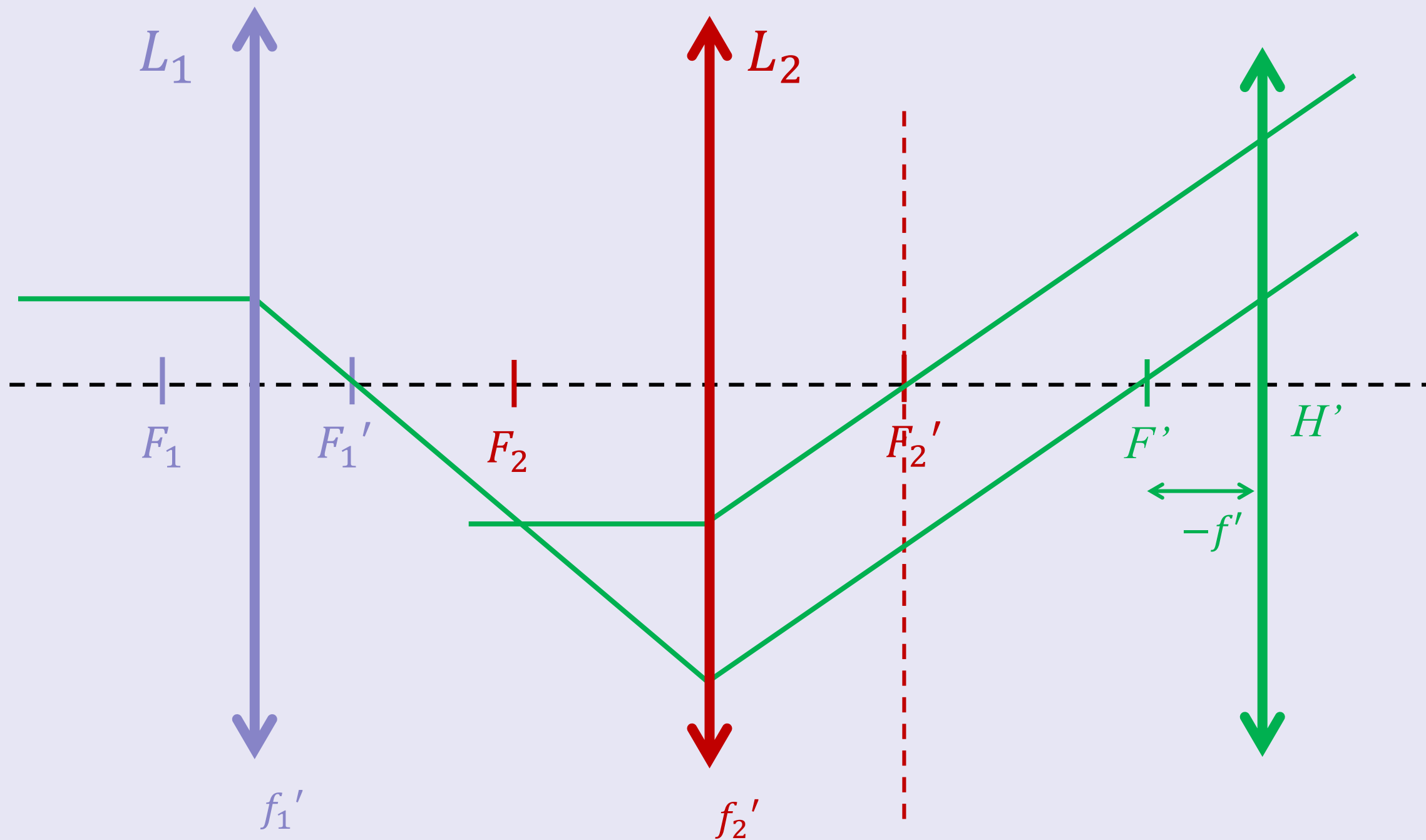


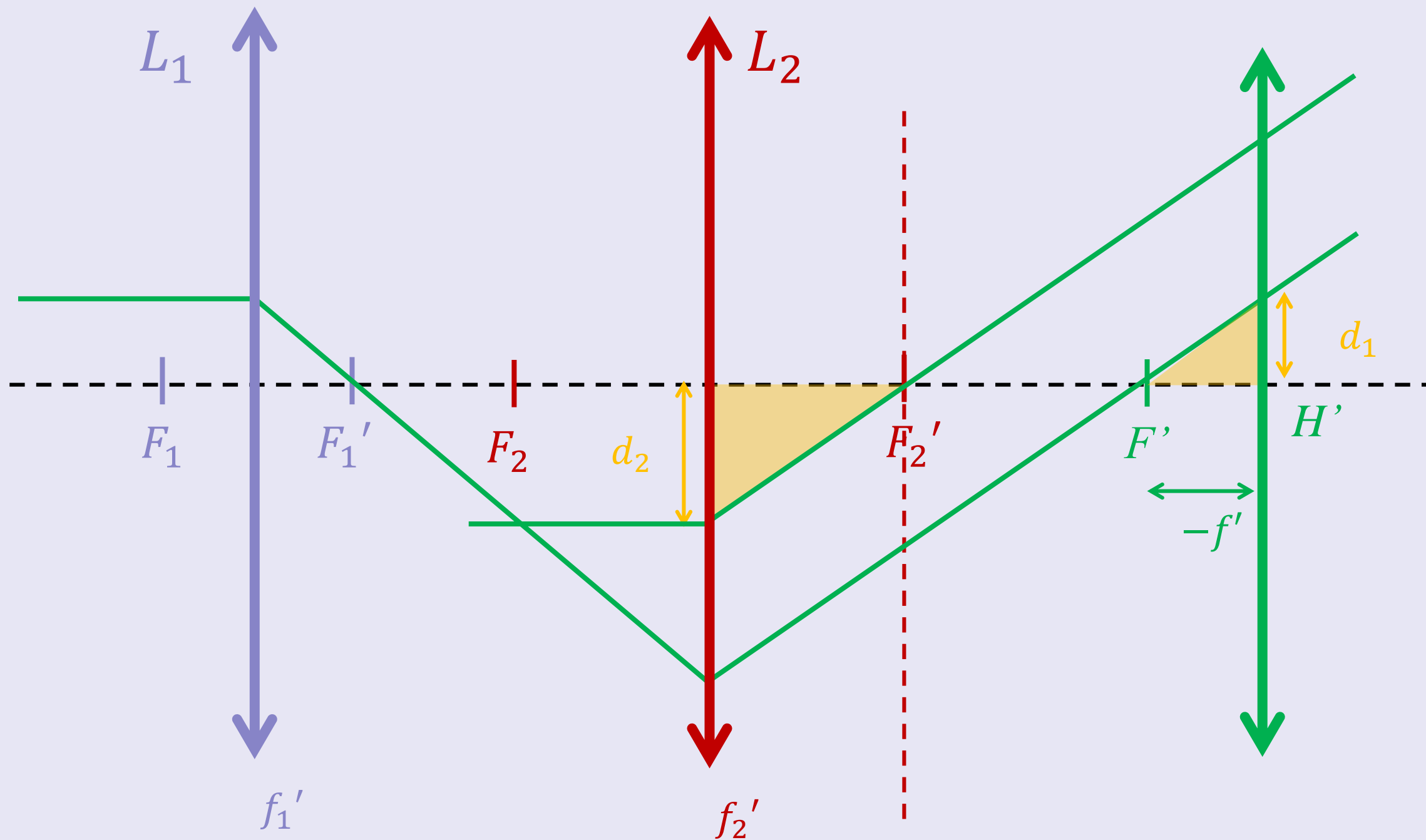






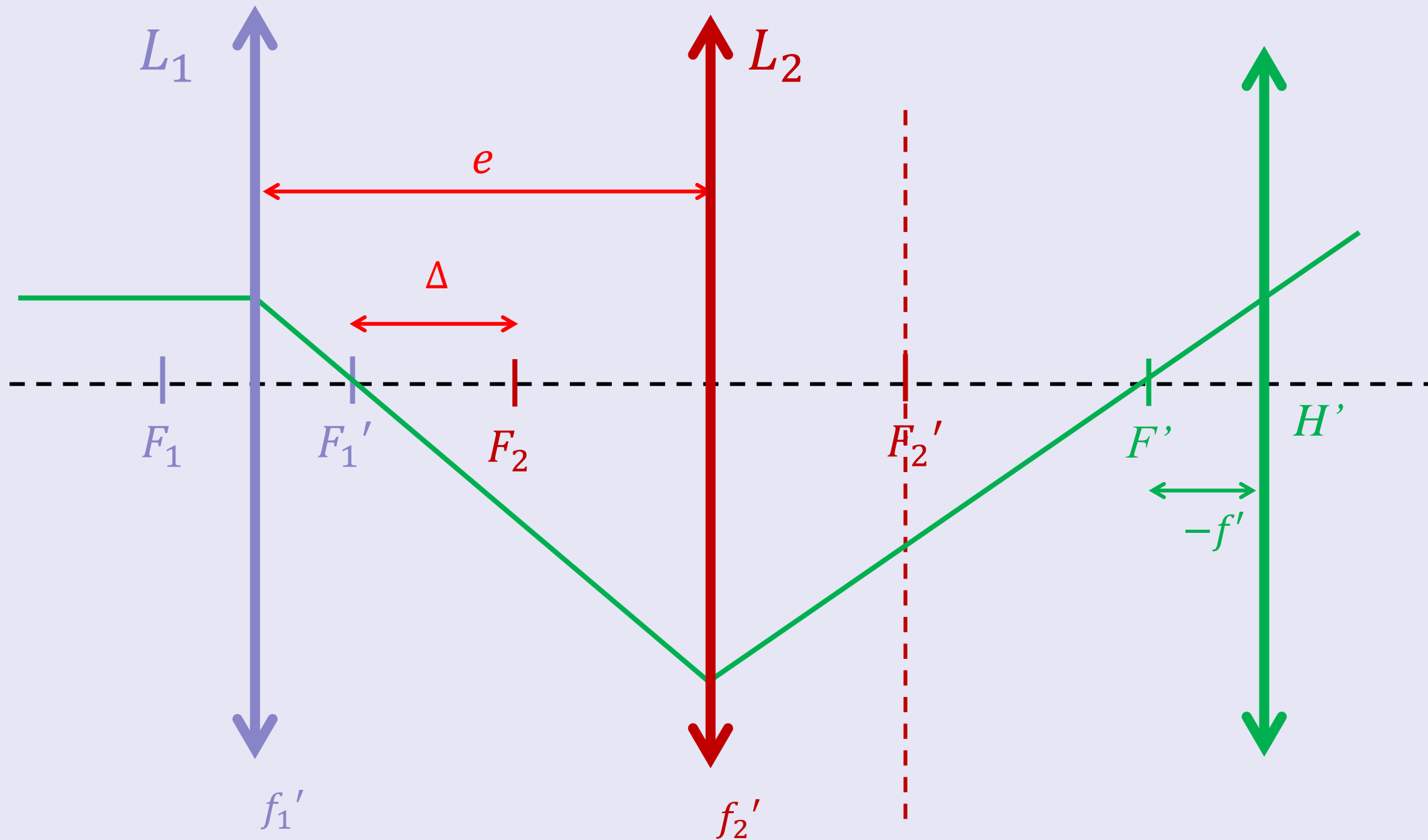




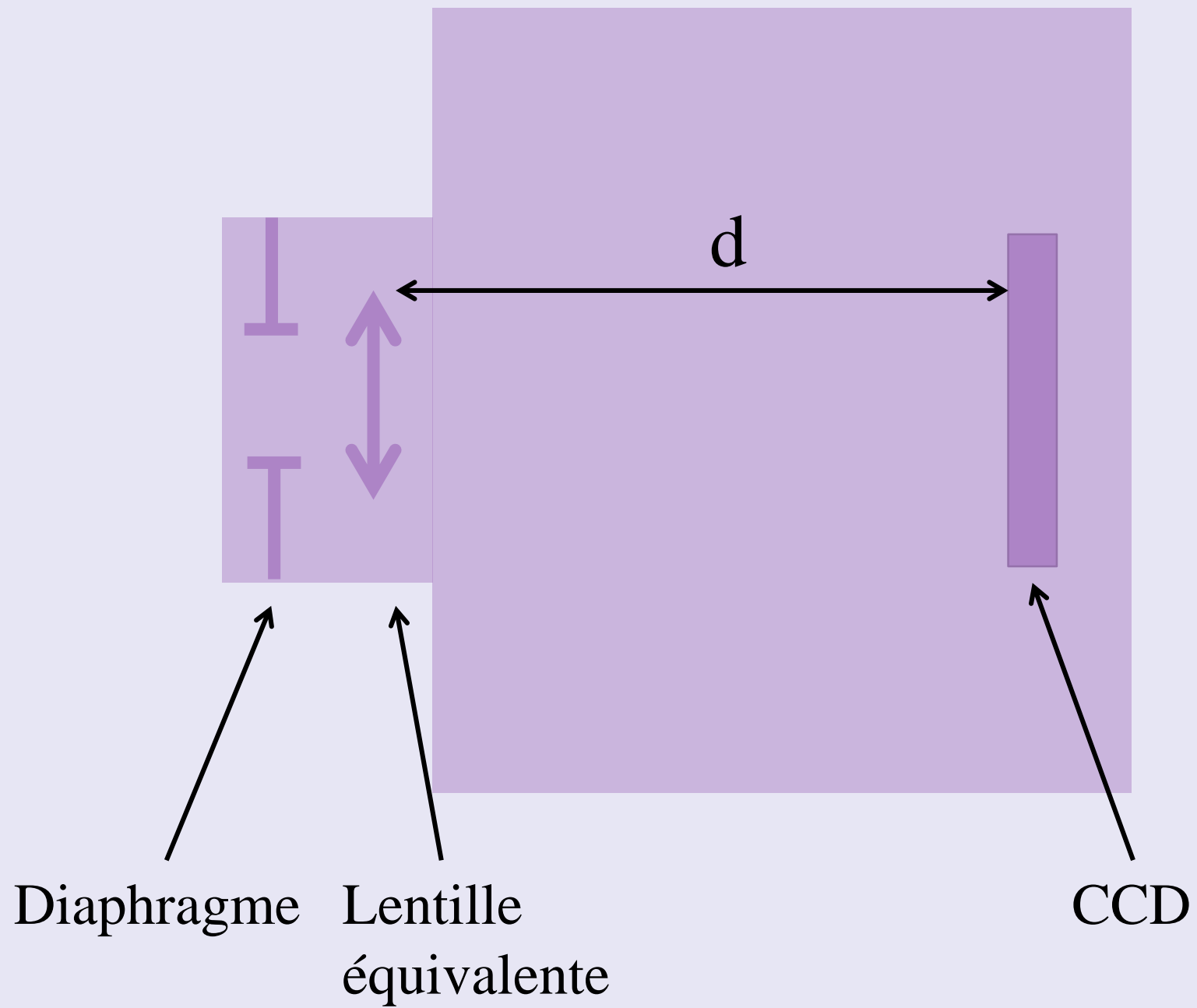




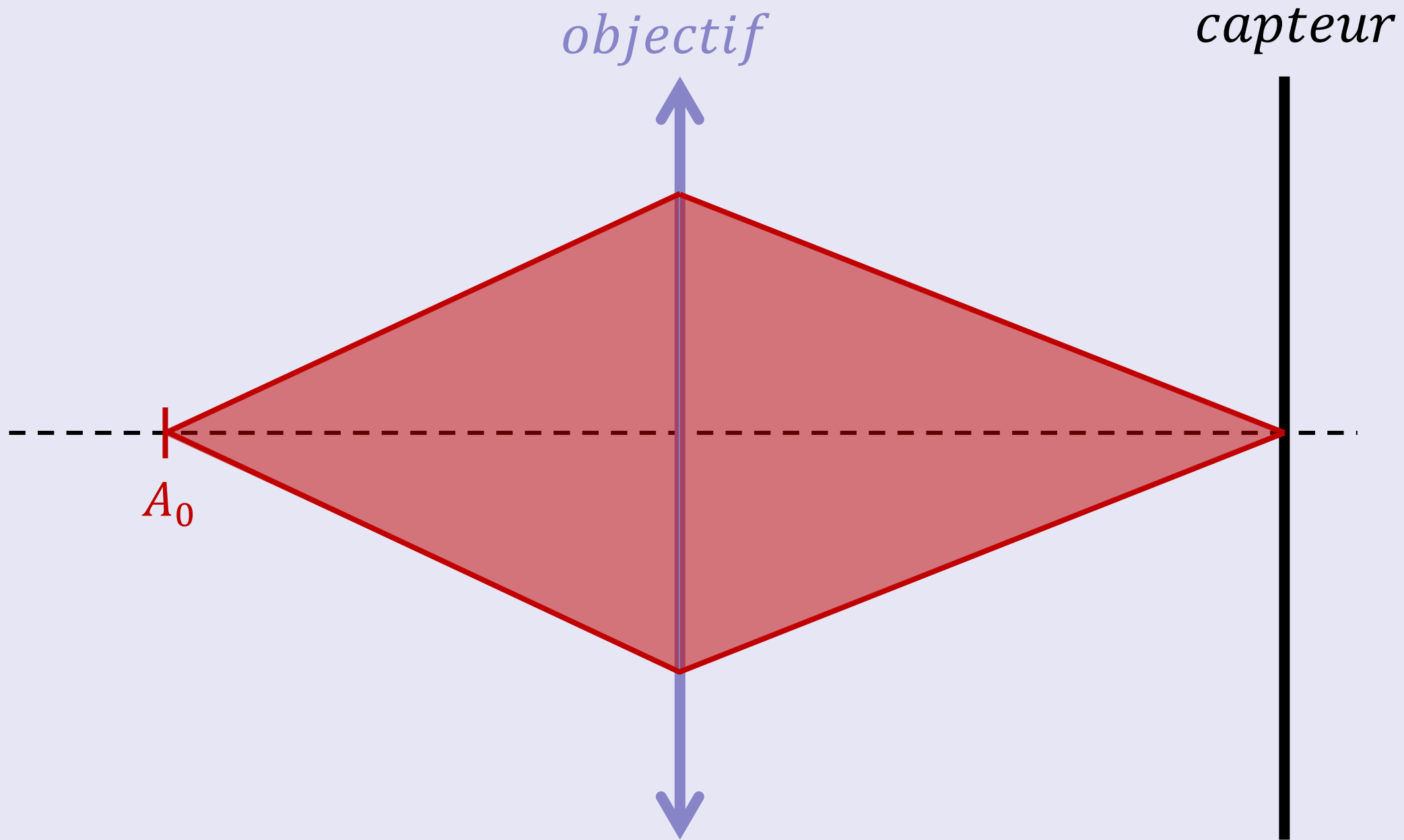


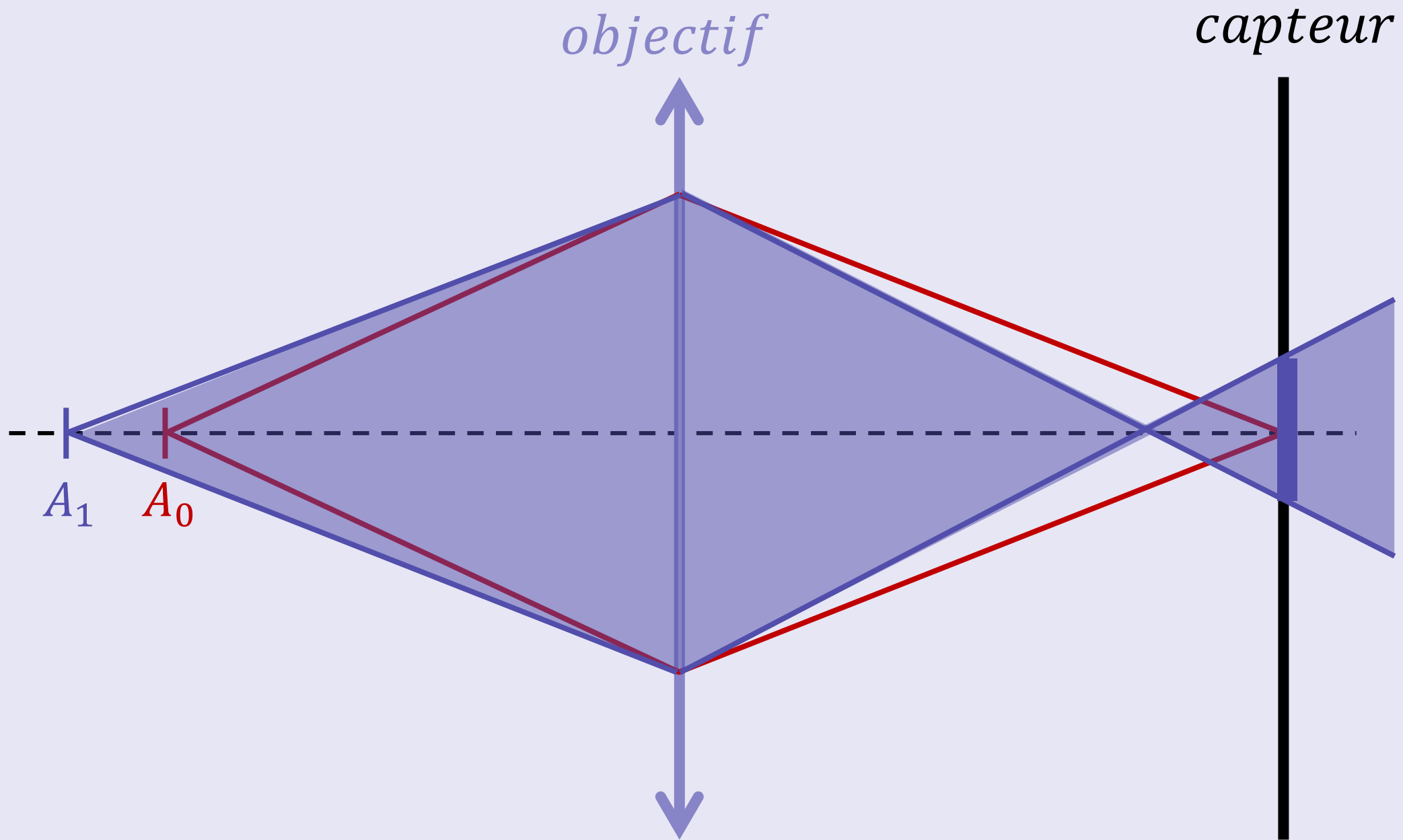


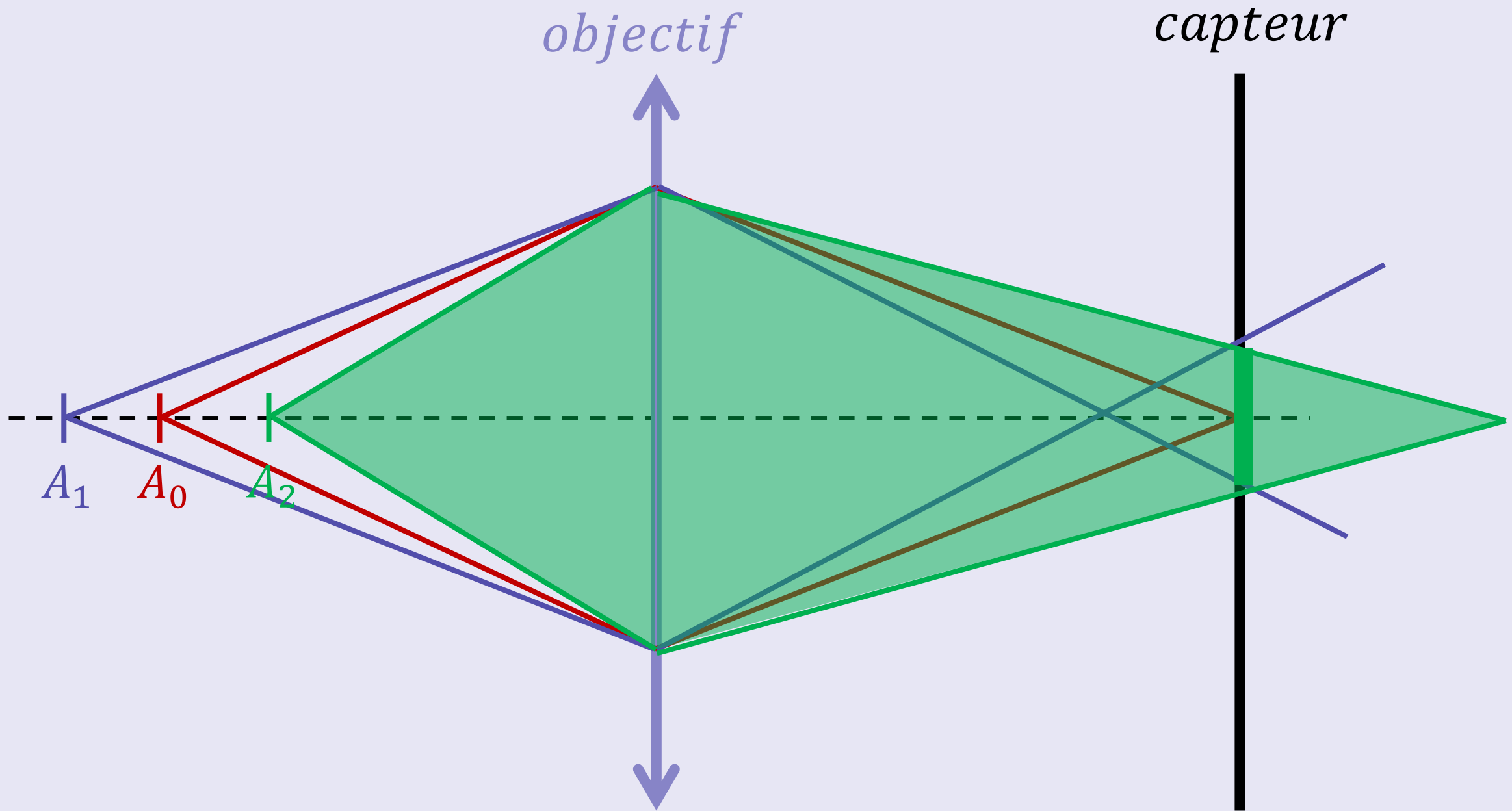






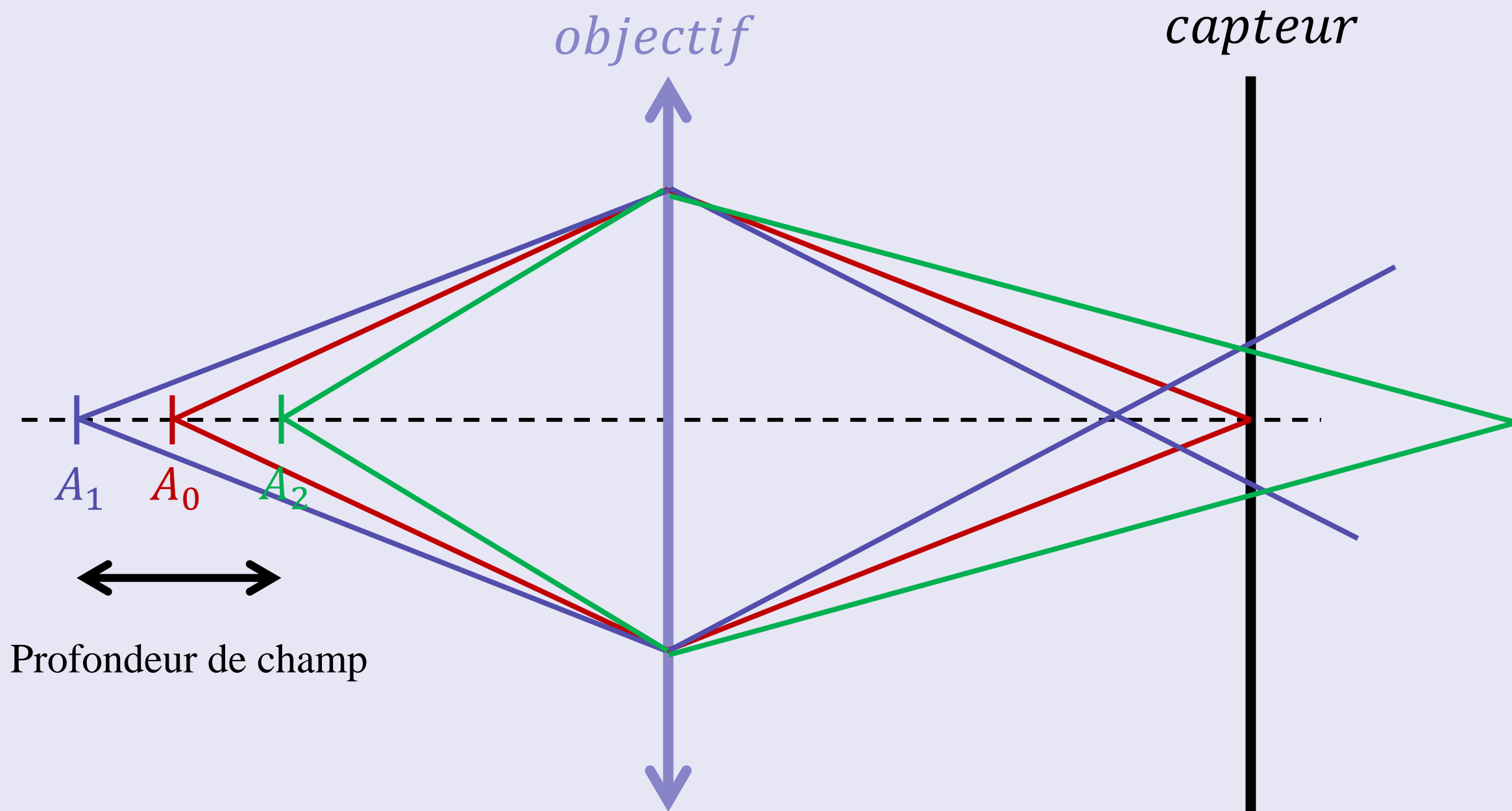
















$f' = 18 \text{ mm}$



$f' = 35 \text{ mm}$

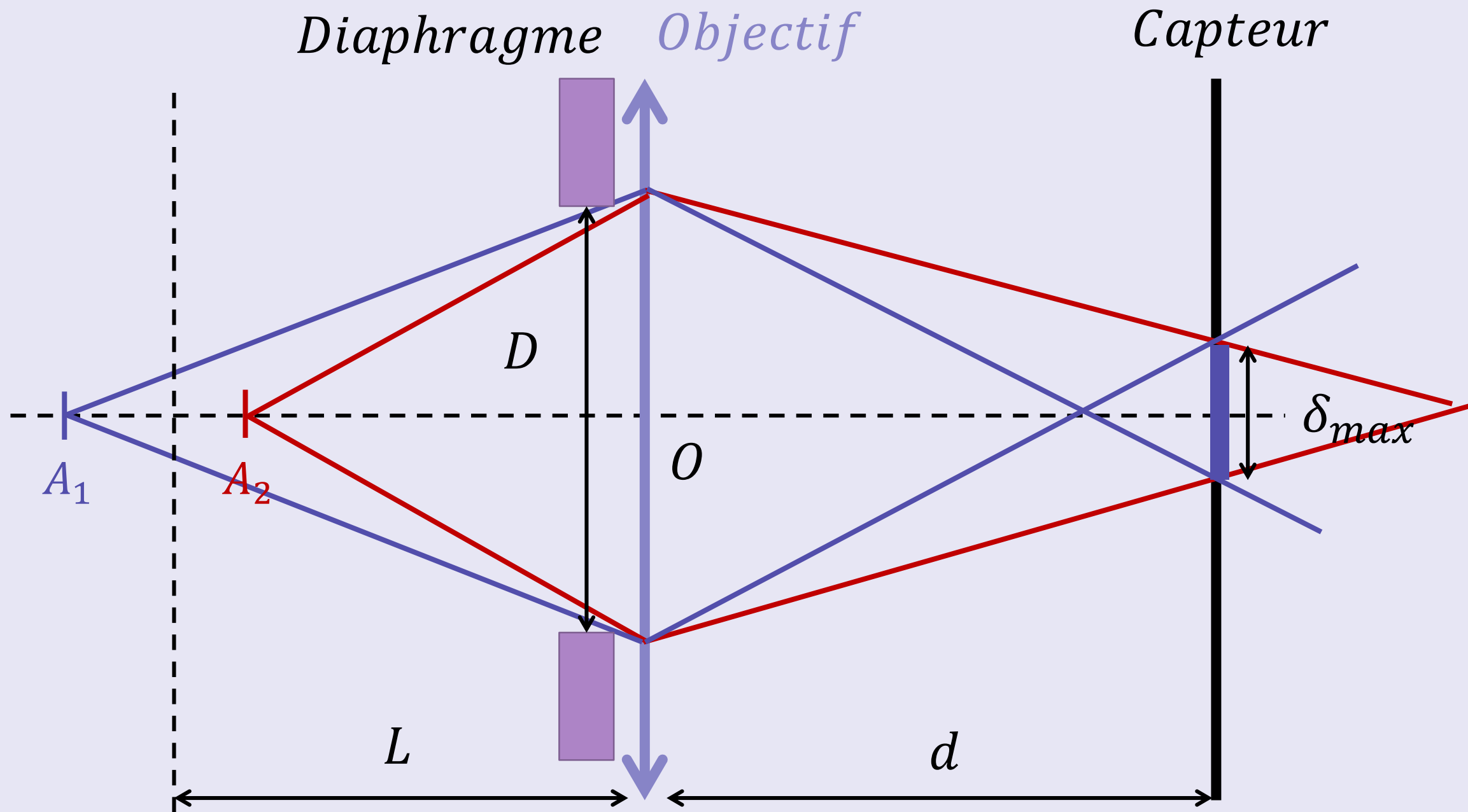


$f' = 50 \text{ mm}$



$f' = 135 \text{ mm}$



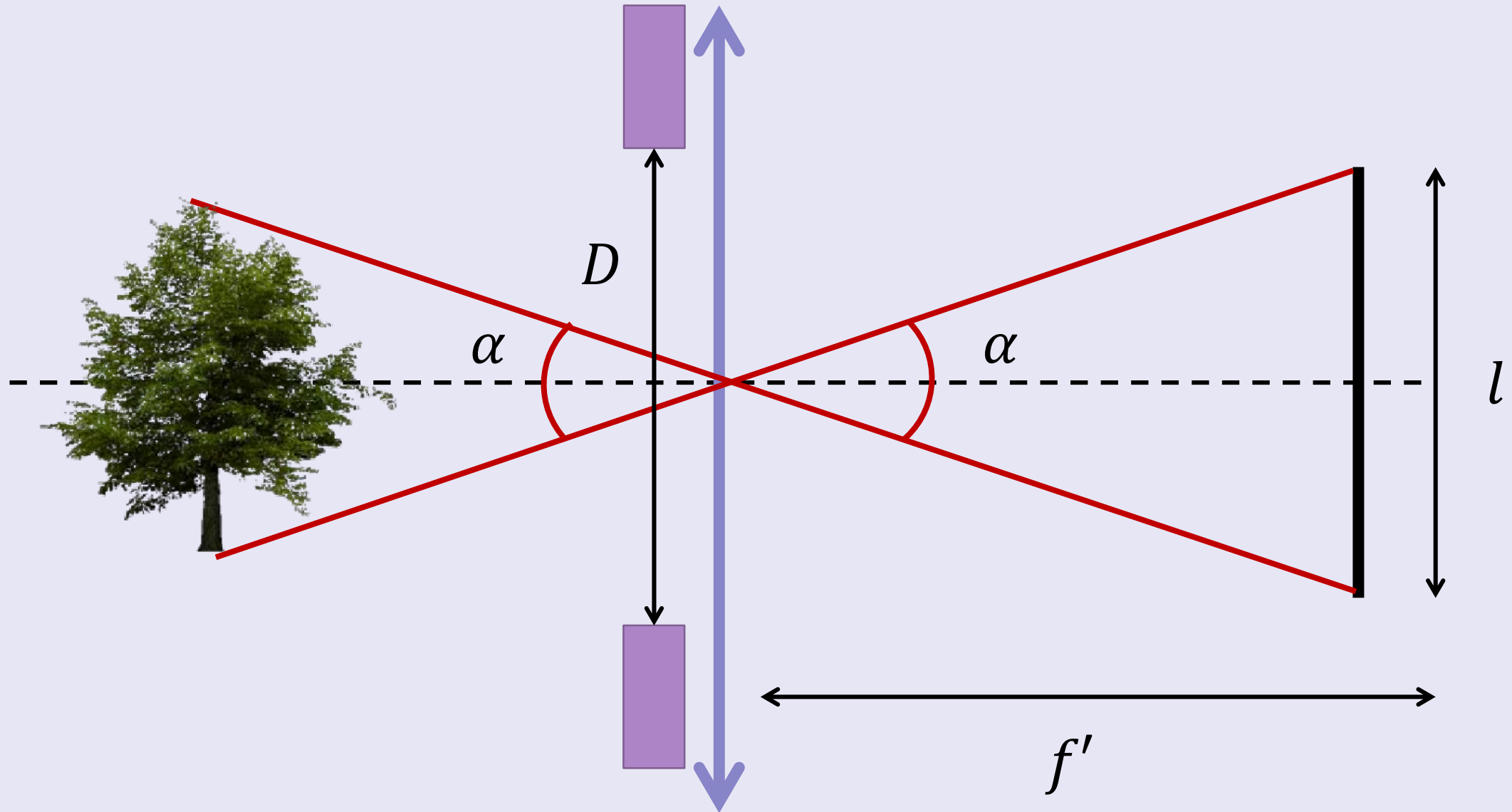




*Diaphragme*

*Objectif*

*Capteur*



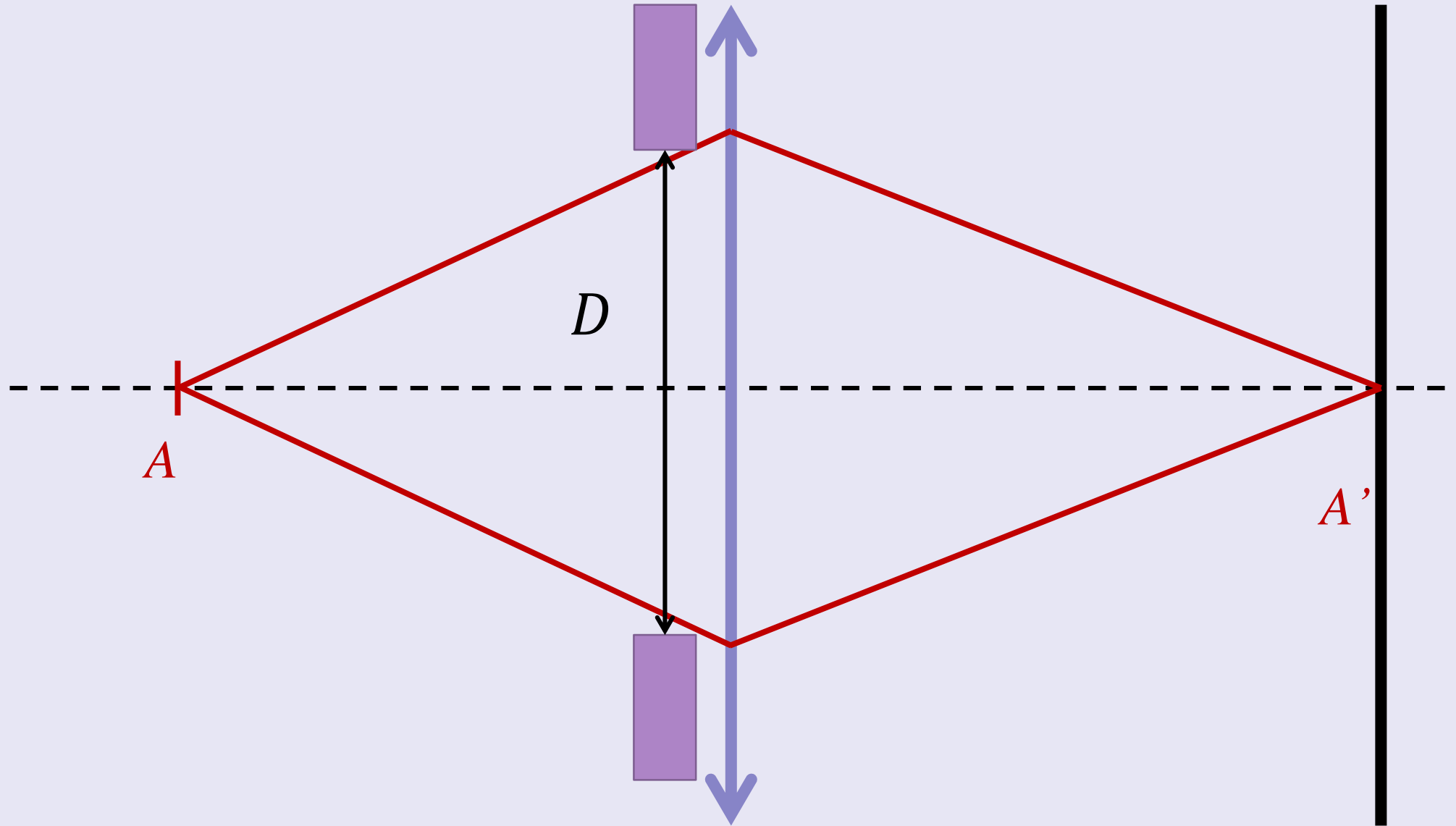




*Diaphragme*

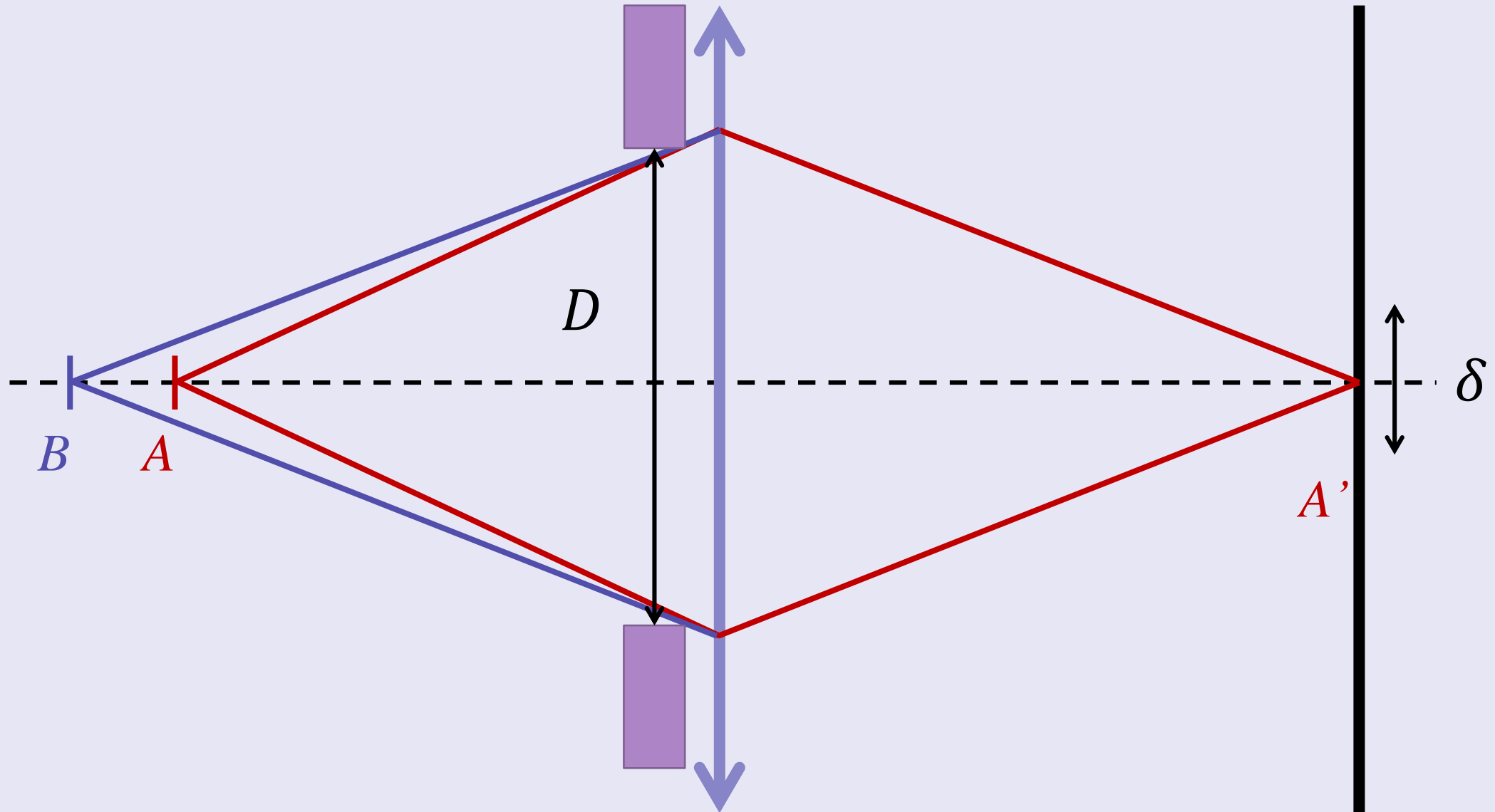
*Objectif*

*Capteur*



*Diaphragme* *Objectif*

*Capteur*



*Diaphragme* *Objectif*

*Capteur*

