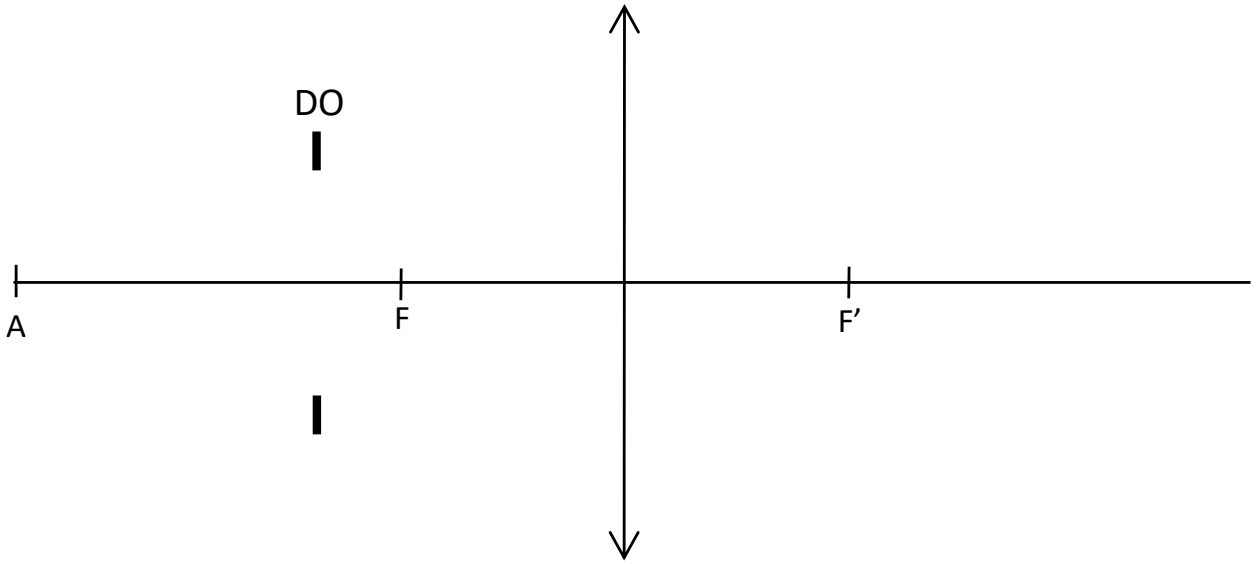
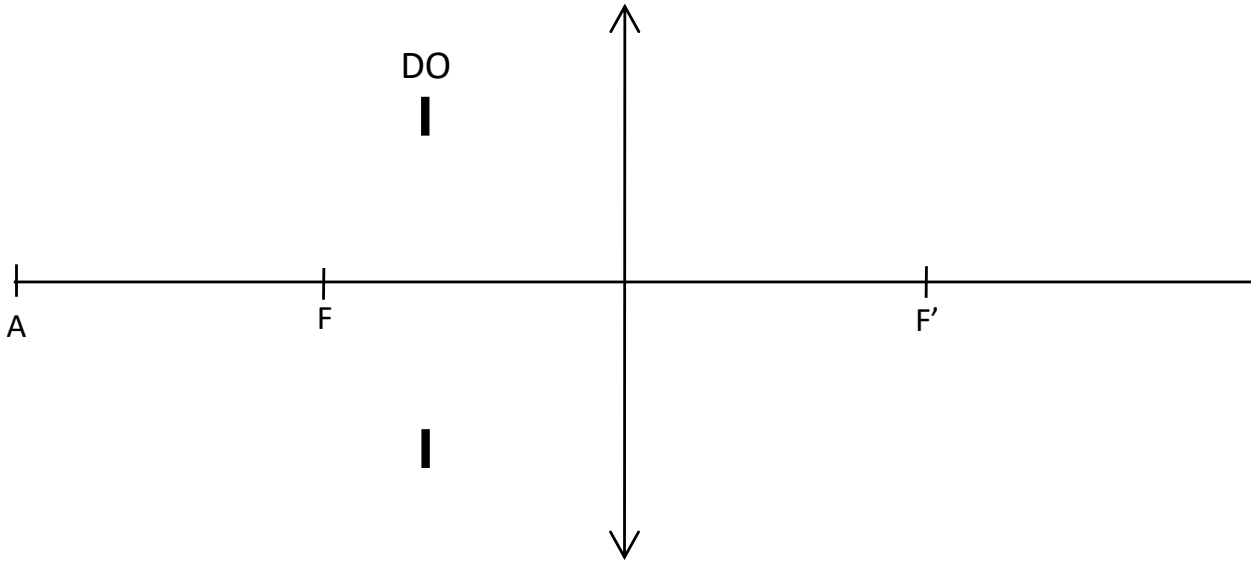
Entrainement aux constructions géométriques des pupilles

- Si le diaphragme d’ouverture (DO) n’est pas mentionné, il faut le déterminer.
- Positionner les pupilles d’entrée et de sortie.
- Tracer deux rayons s'appuyant sur les deux bords de la pupille d'entrée, et traversant tout l’instrument provenant de l’objet ponctuel (A) positionné sur l’axe.
- A∞ signifie que le point est positionné à l’infini sur l’axe.


DO
A
F
F’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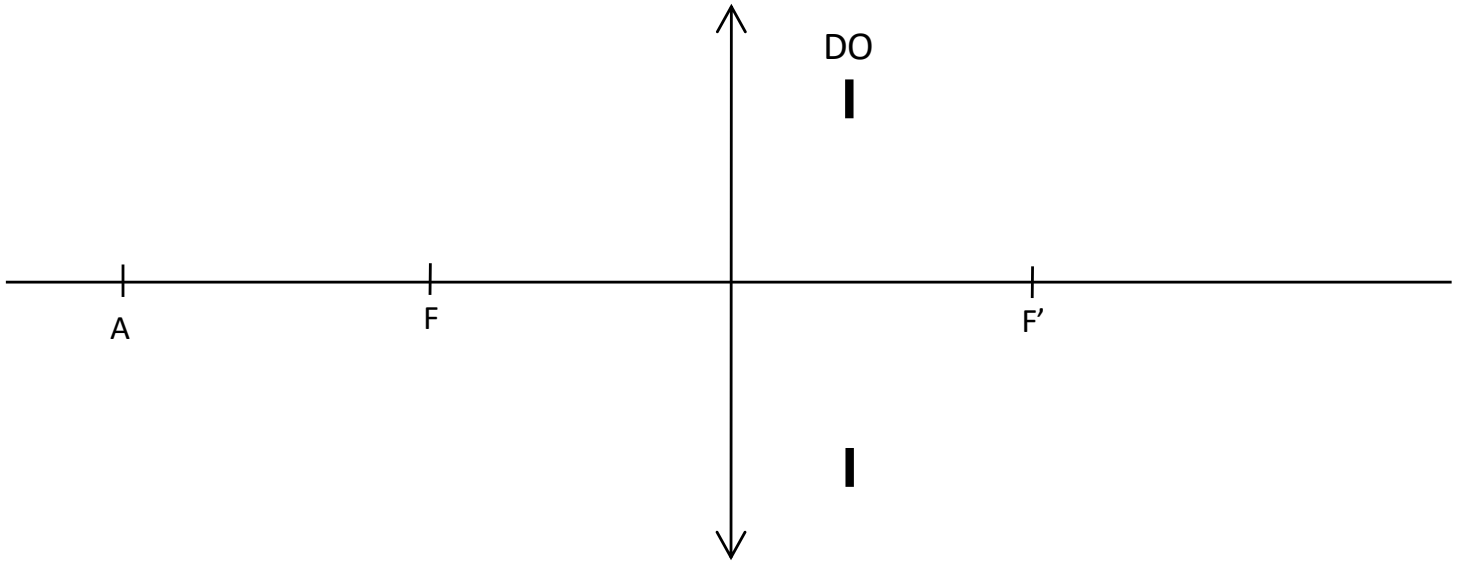
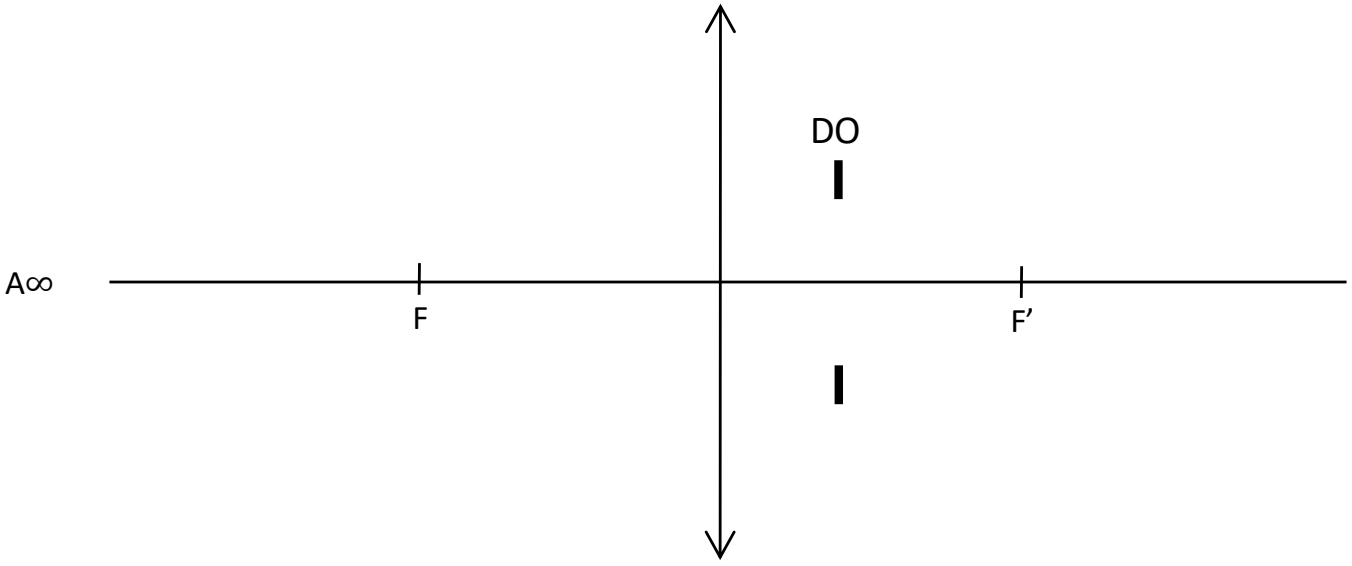
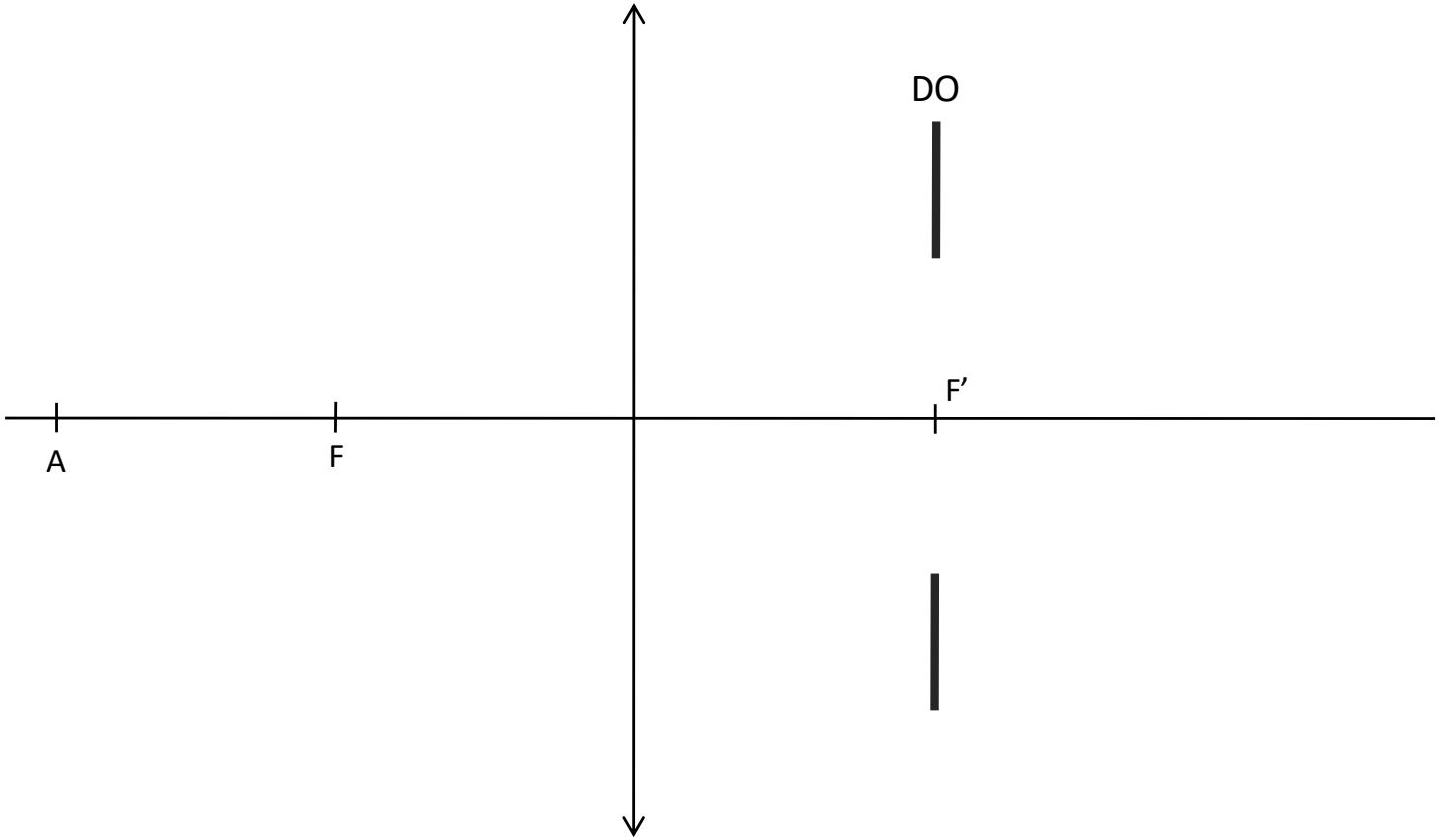
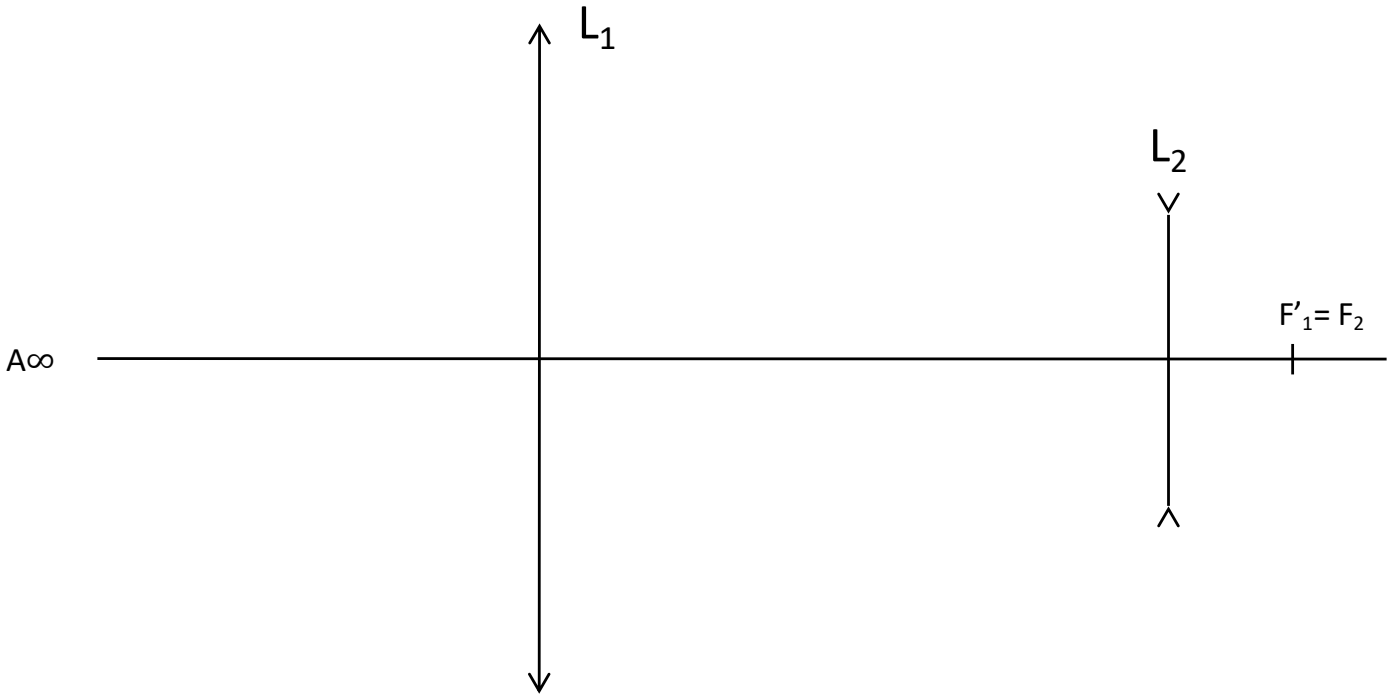
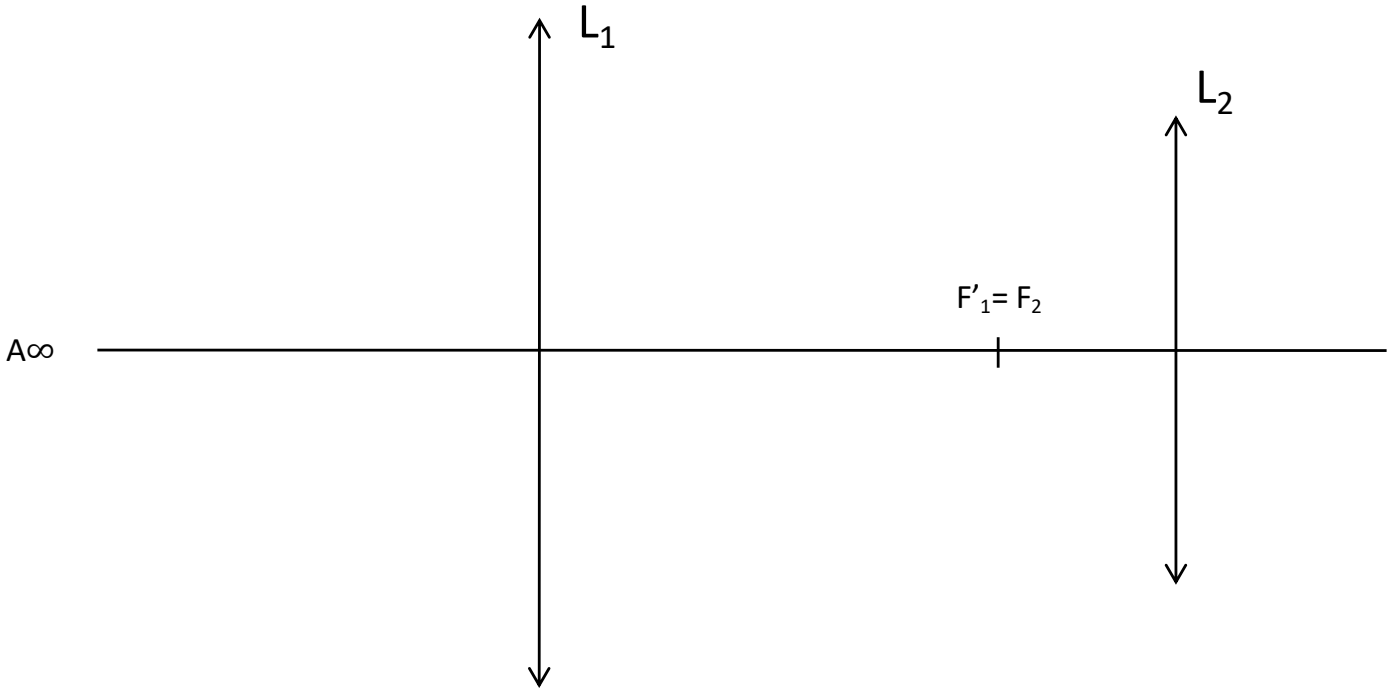
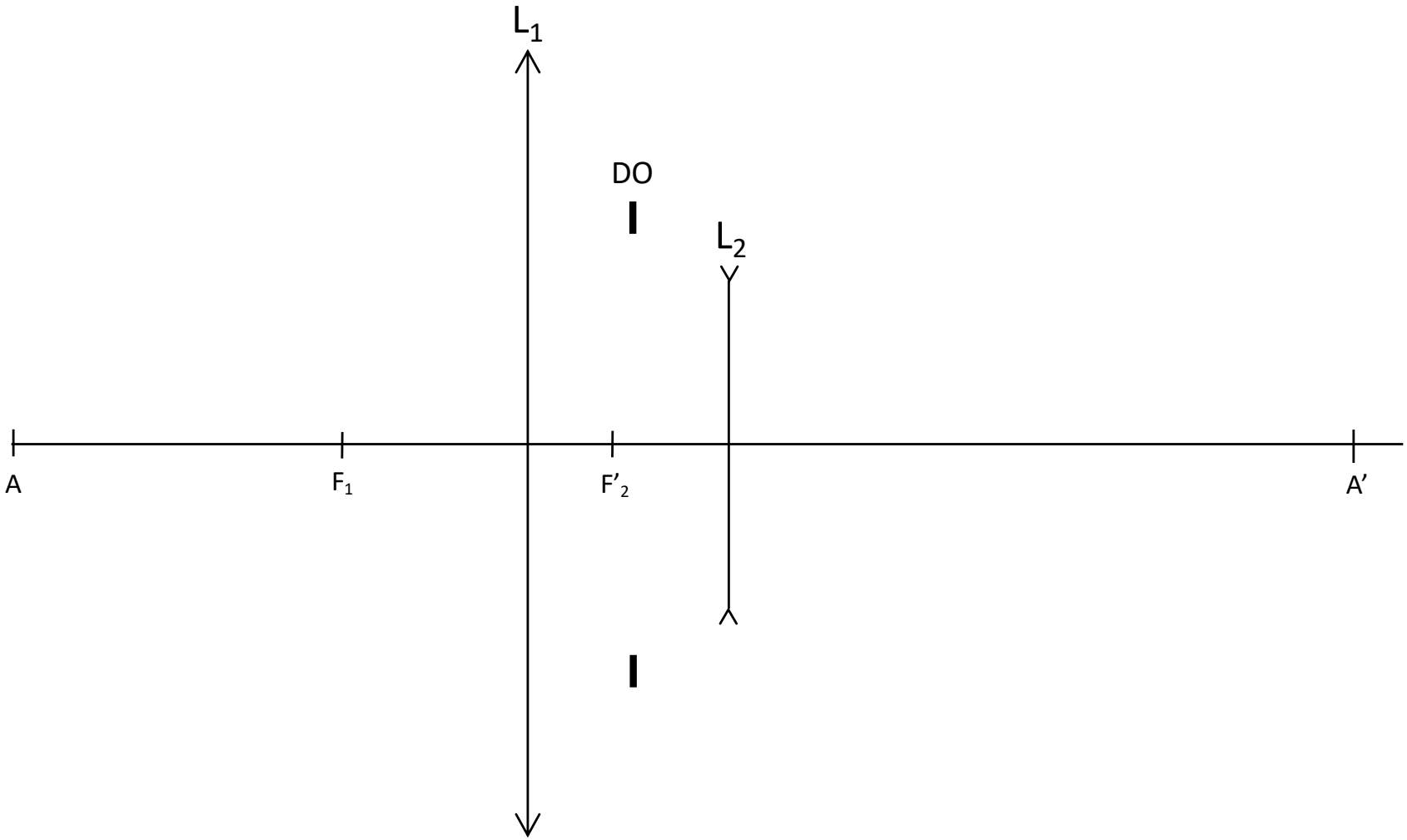

DO
A
F
F’

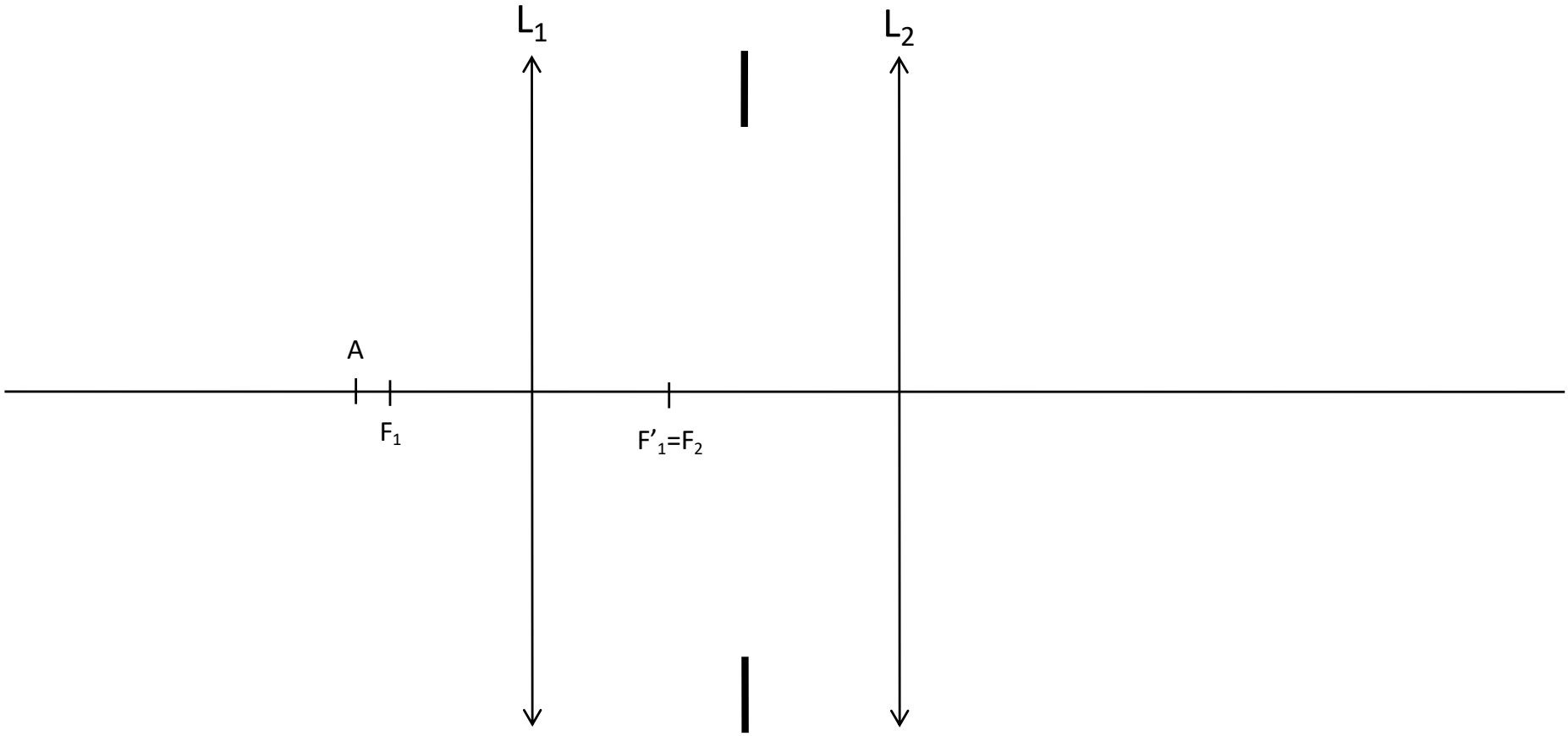

DO
A∞
F
F’


DO
F’
A
F

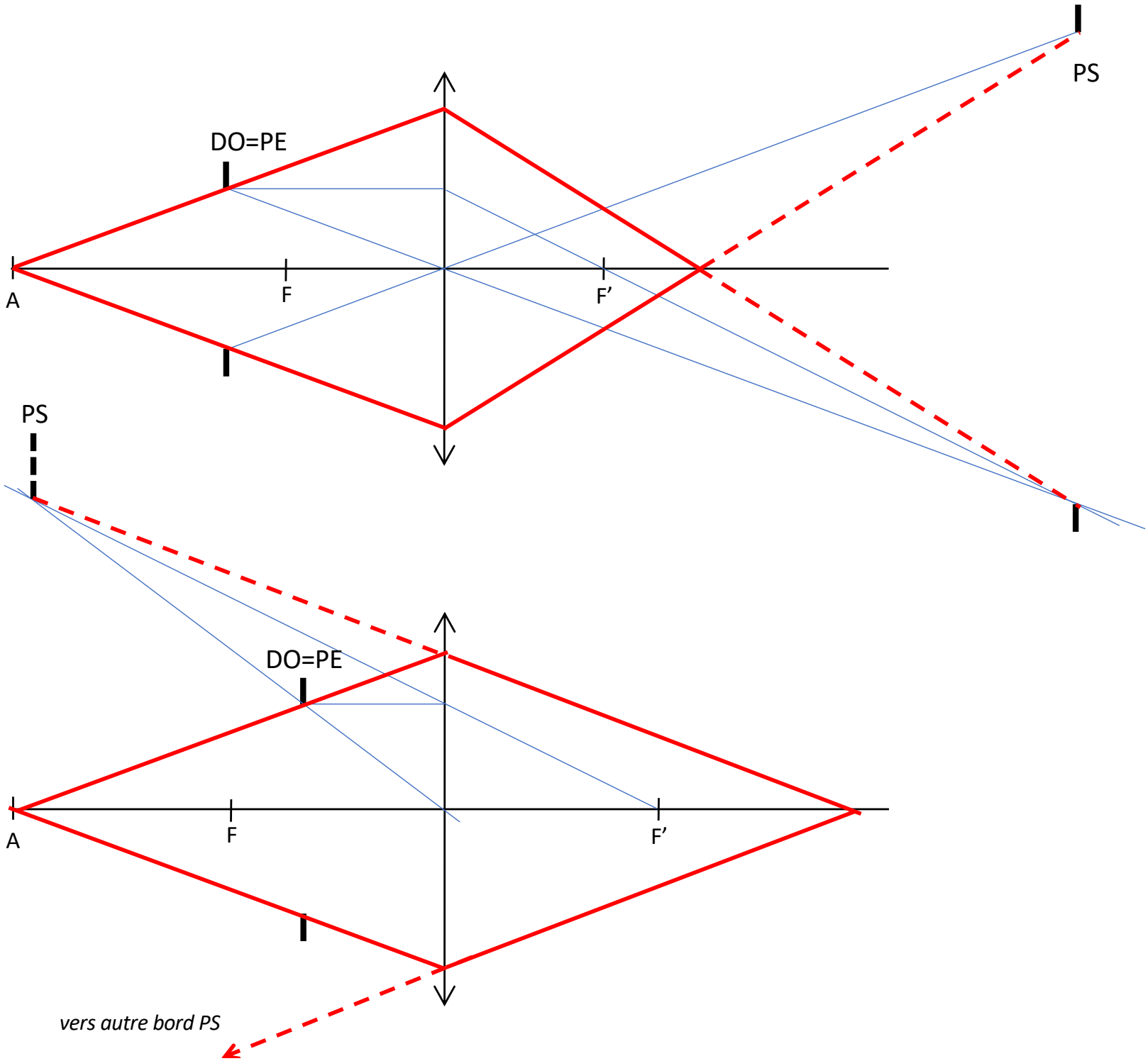

L1
L2
F'1= F2
A∞

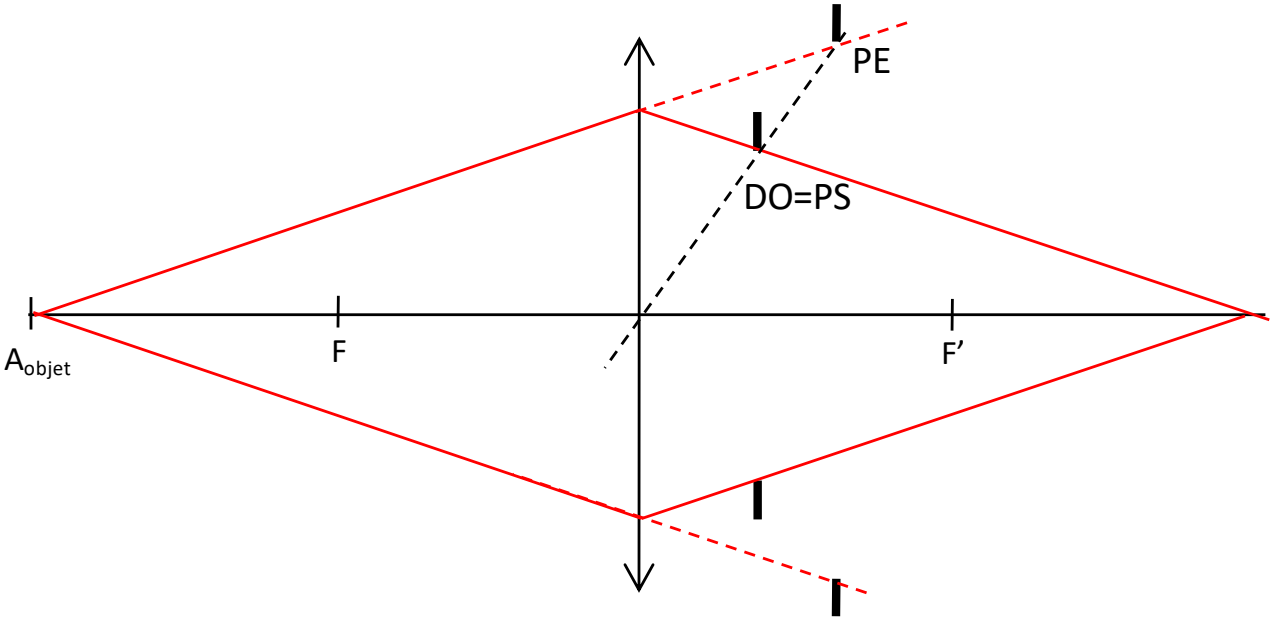

L1
L2
F'1= F2
A∞

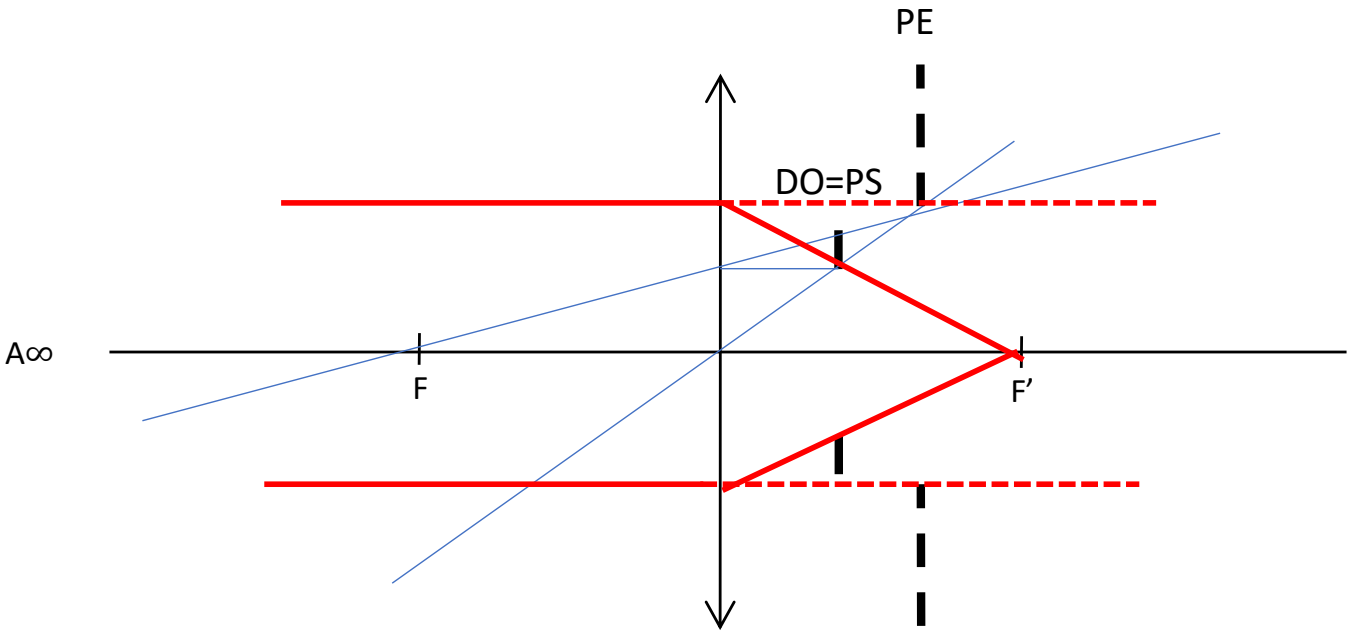

L1
DO
L2
A
F1
F'2
A'

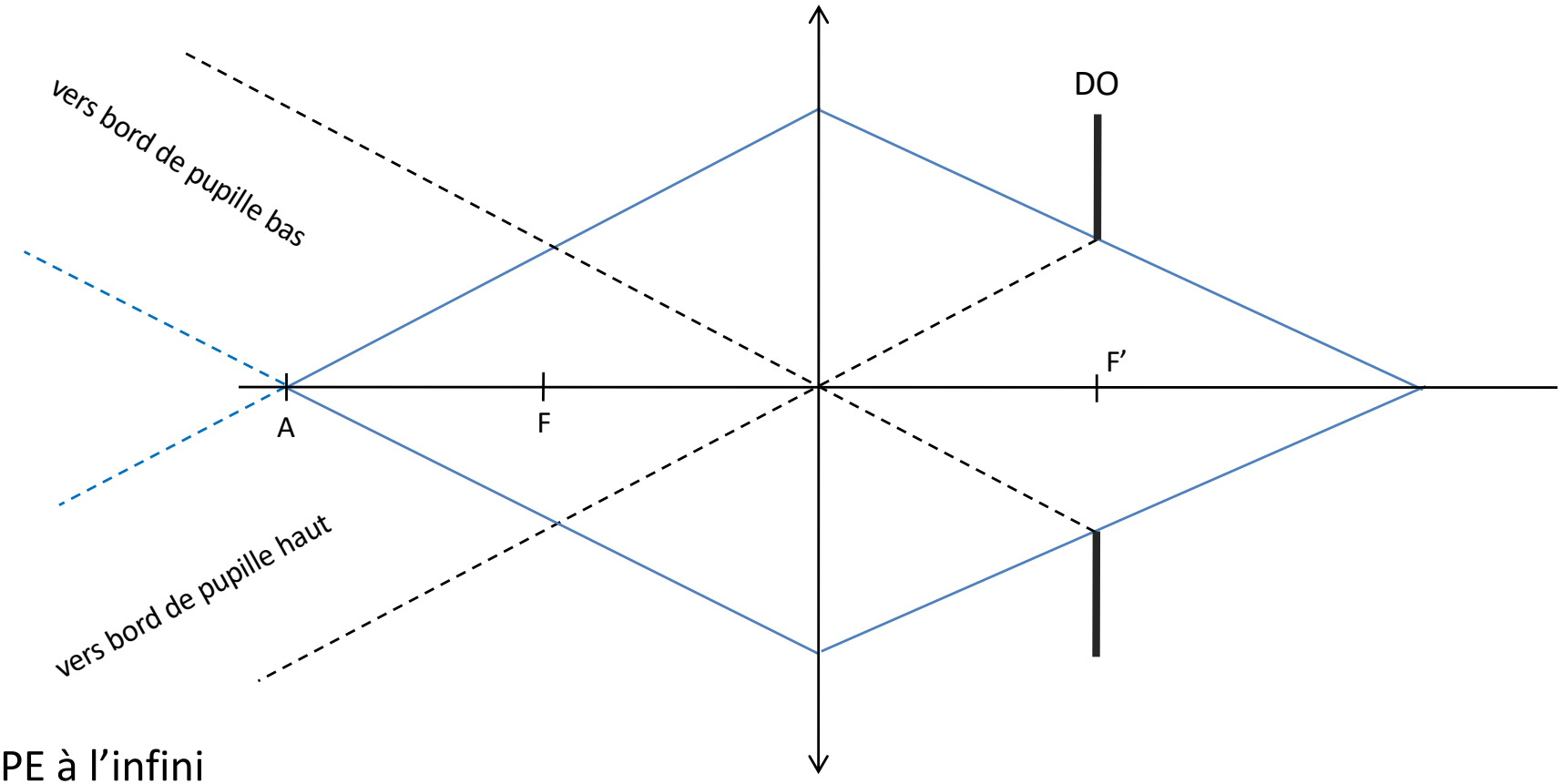

L1
L2
A
F1
F'1=F2

CORRECTION

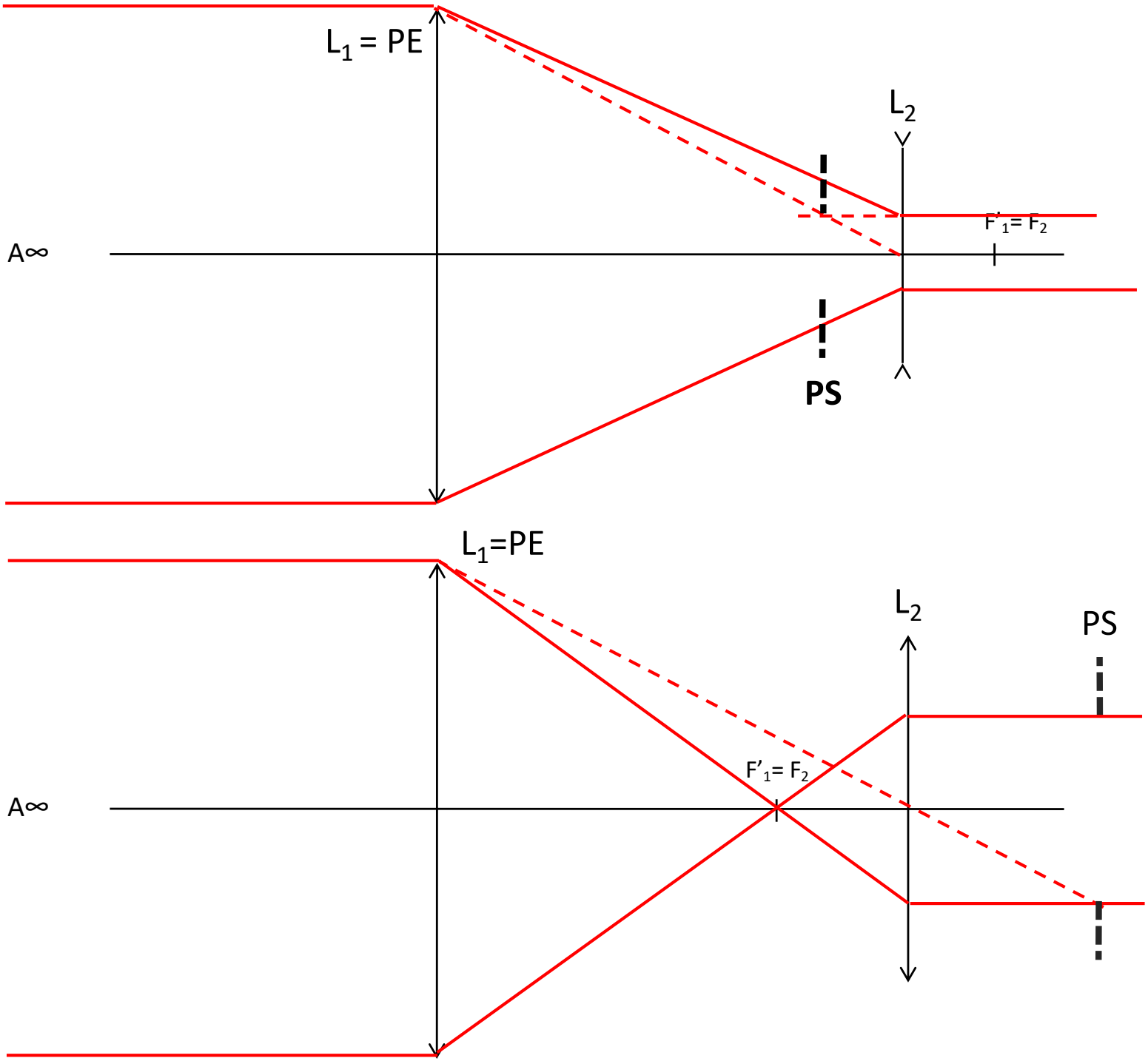

PS
DO=PE
A
F
F’
PS
DO=PE
A
F
F’
vers autre bord PS

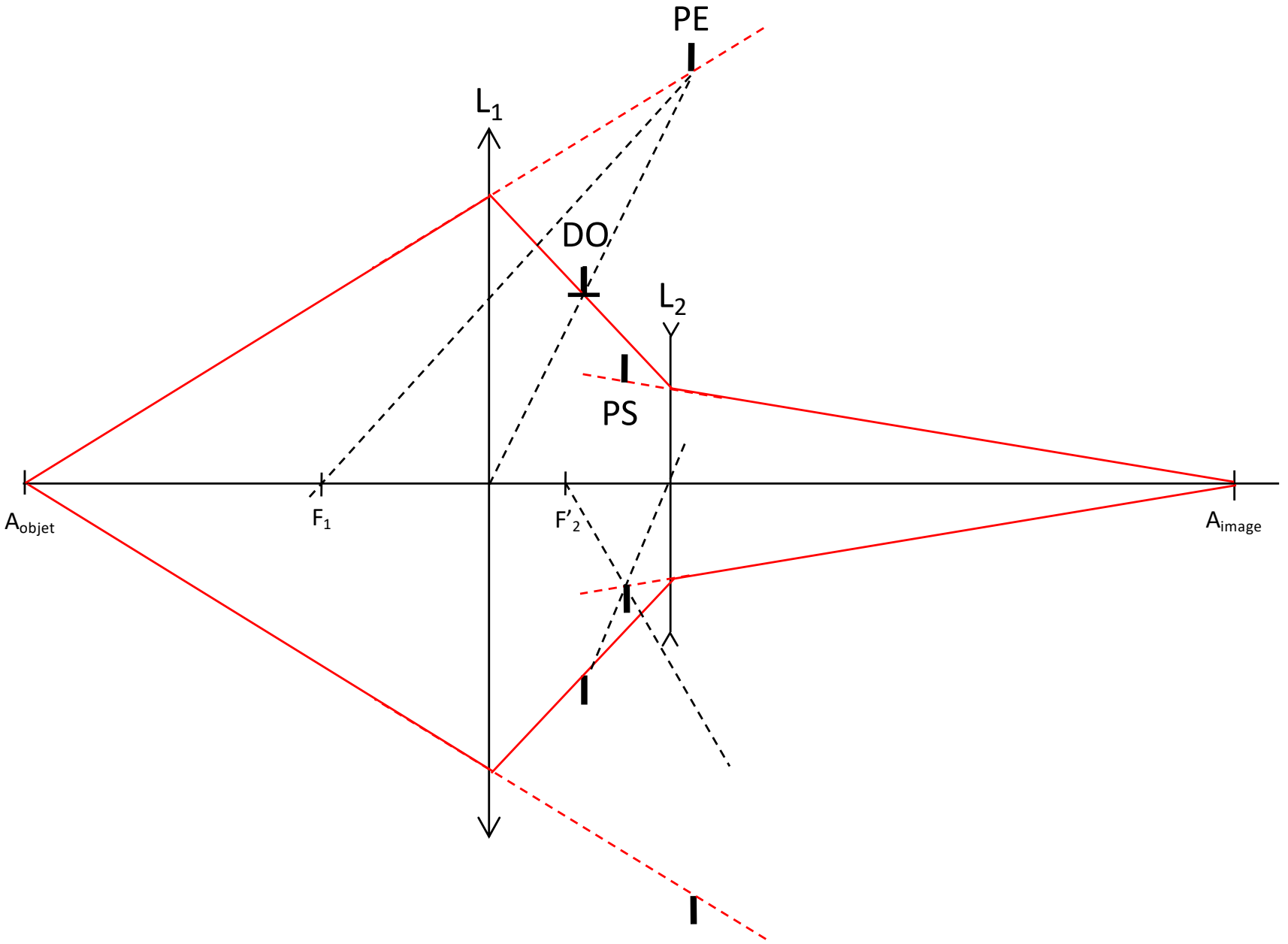

PE
DO=PS
A objet
F
F'

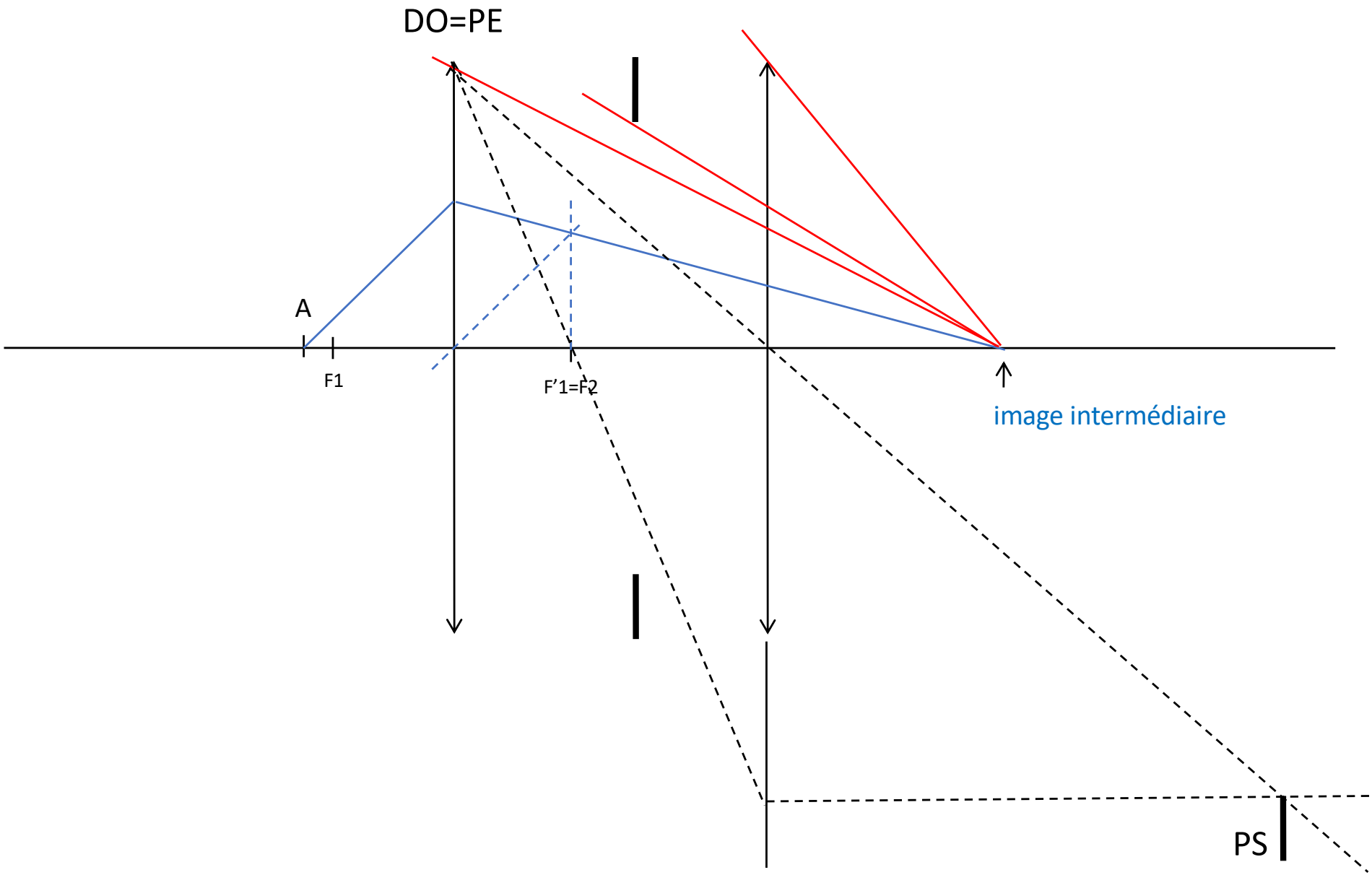

PE
DO=PS
A∞
F
F'

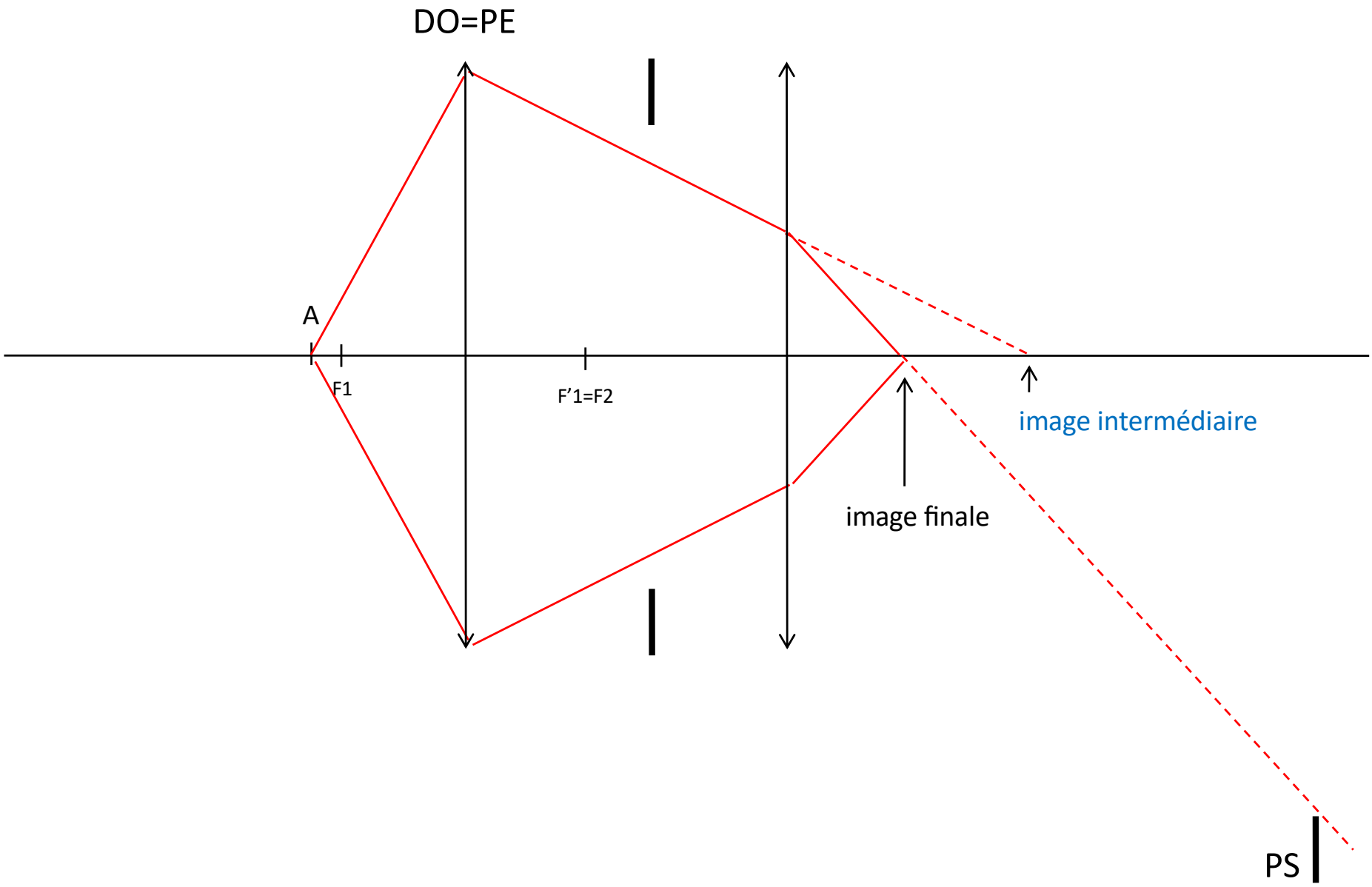


PE à l'infini


L1 = PE
L2
A∞
F'1= F2
PS
L1=PE
L2
PS
A∞
F'1= F2


PE
L1
DO
L2
PS
Aobjet
F1
F'2
Aimage


DO=PE
A
F1
F'1=F2
image intermédiaire
PS


DO=PE
A
F1
F'1=F2
image intermédiaire
image finale
PS