

$|e\rangle$

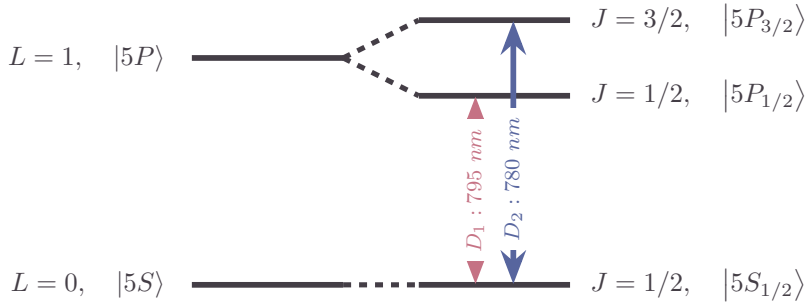


$\hbar\omega$

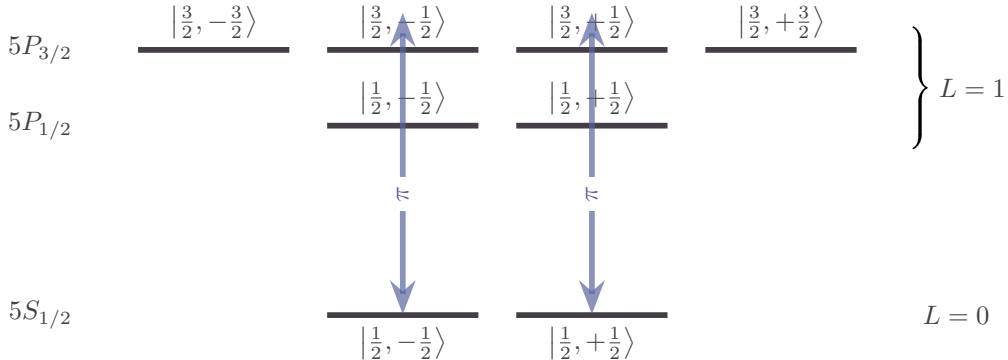
$\hbar\omega_{e\rightarrow g}$

$|g\rangle$

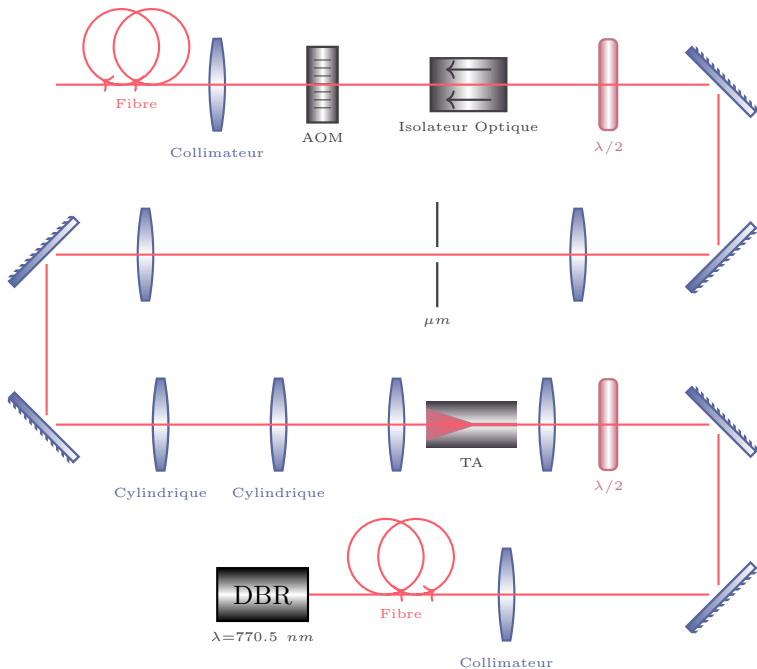






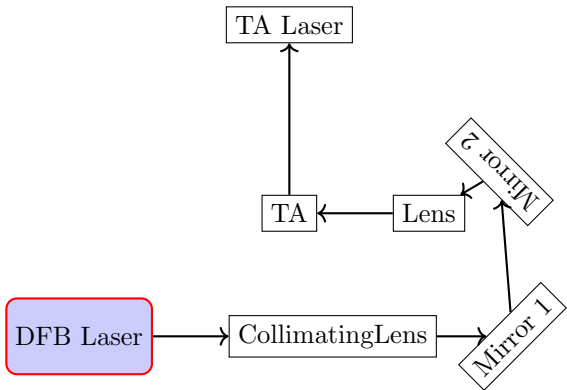












TA Laser

TA

Lens 1

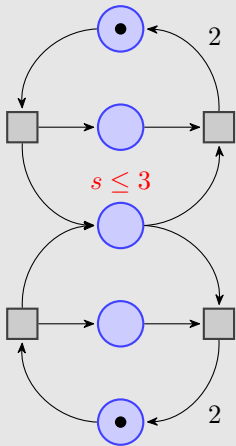
Lens 2

Mirror 1

Mirror 2

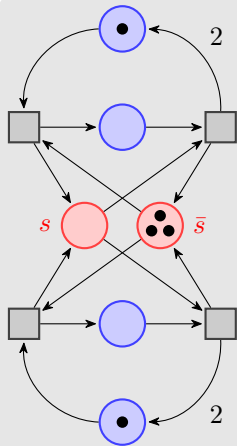
Lens 3

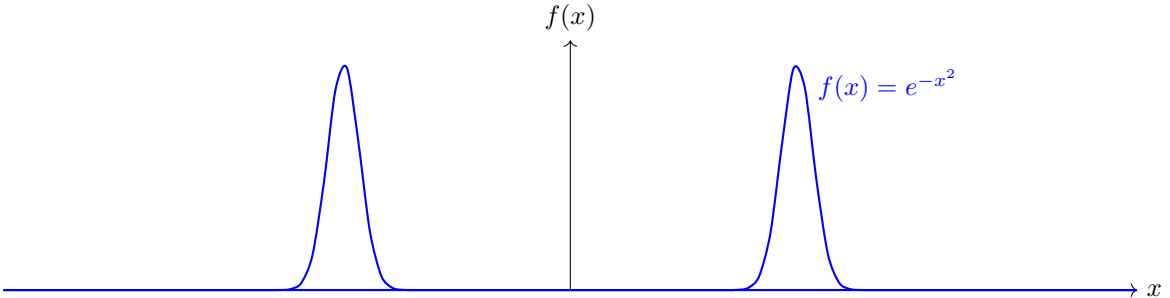
Collimating lens Laser

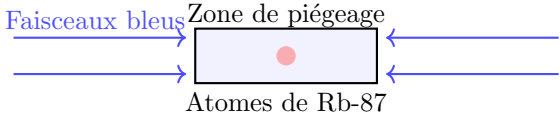


replacement of  
the **capacity**  
by **two places**

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$\Delta > 0$  (décalage vers le bleu)

Trans. D1 :  $\lambda_{D1} = 794.98 \text{ nm}$

Trans. D2 :  $\lambda_{D2} = 780.24 \text{ nm}$