



$|e\rangle$

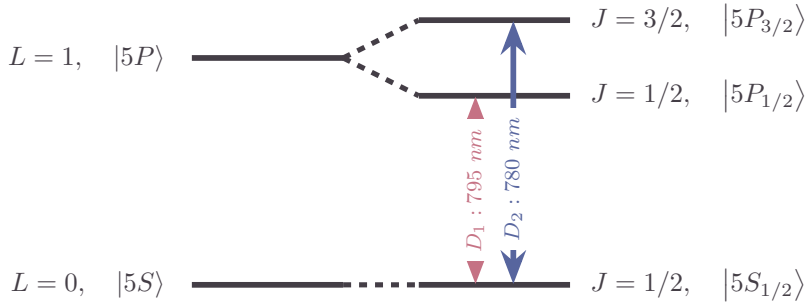


$\hbar\omega$

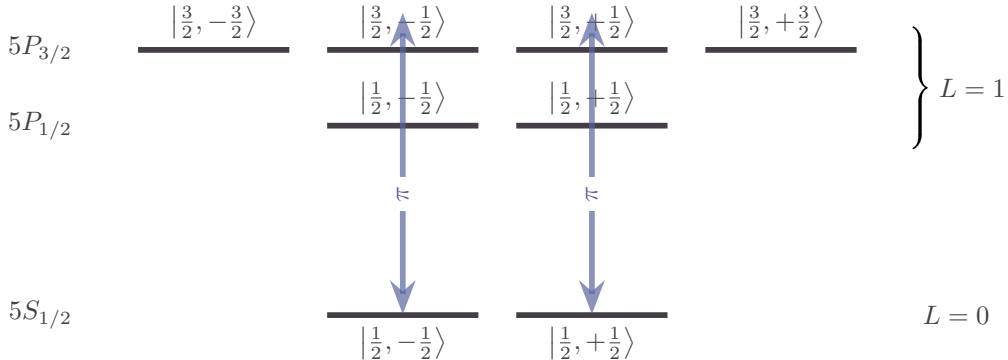
$\hbar\omega_{e\rightarrow g}$

$|g\rangle$

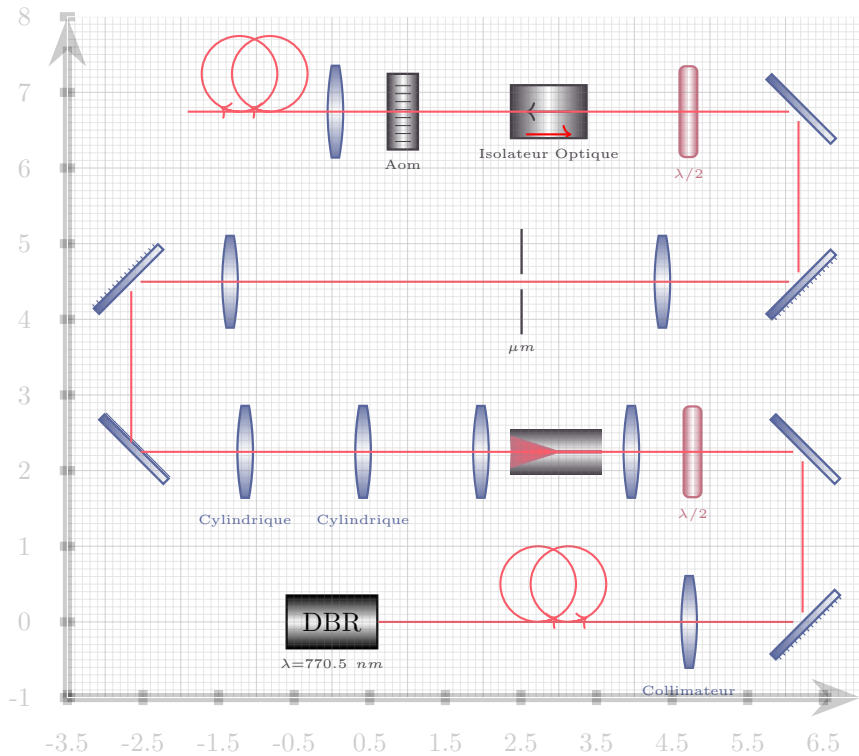


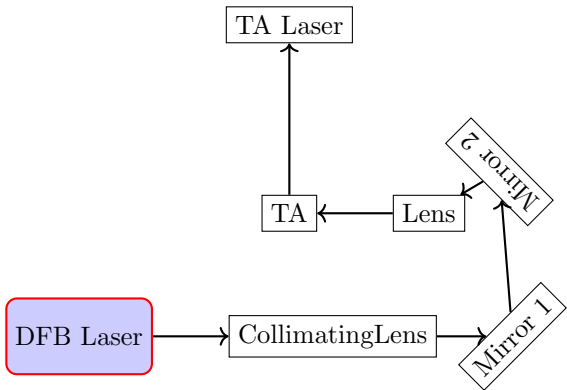












TA Laser

TA

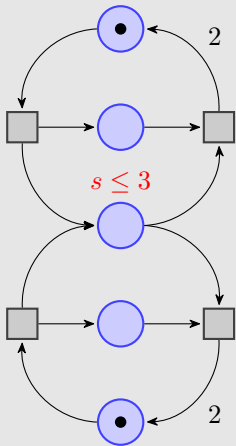
Lens 1 Laser

Lens 2 Laser

Mirror 1

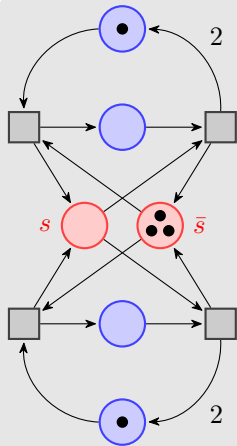
Mirror 1 Laser

Collimating lens Laser



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

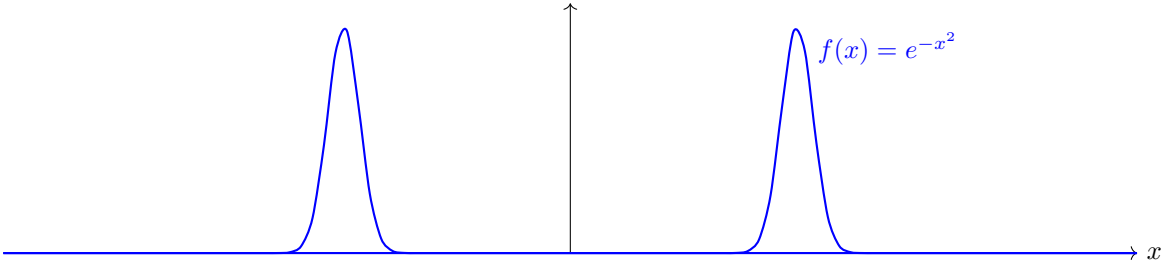
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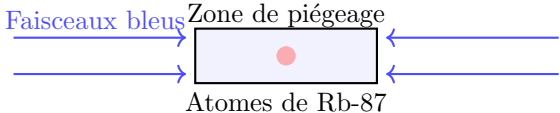


$f(x)$

$$f(x) = e^{-x^2}$$

$x$





$\Delta > 0$  (décalage vers le bleu)

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

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