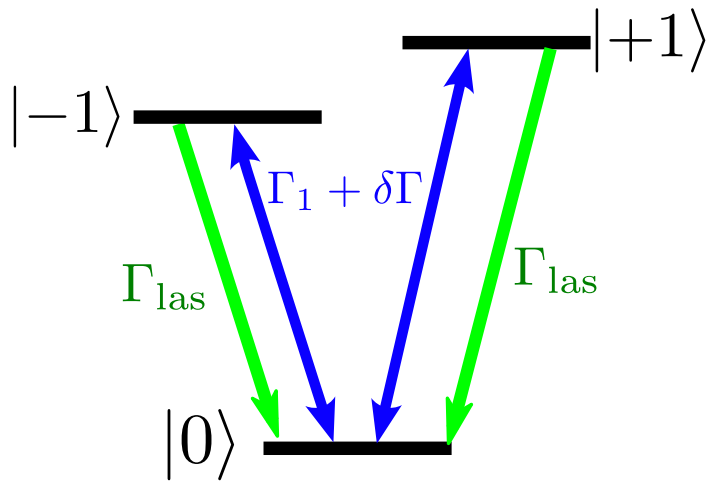


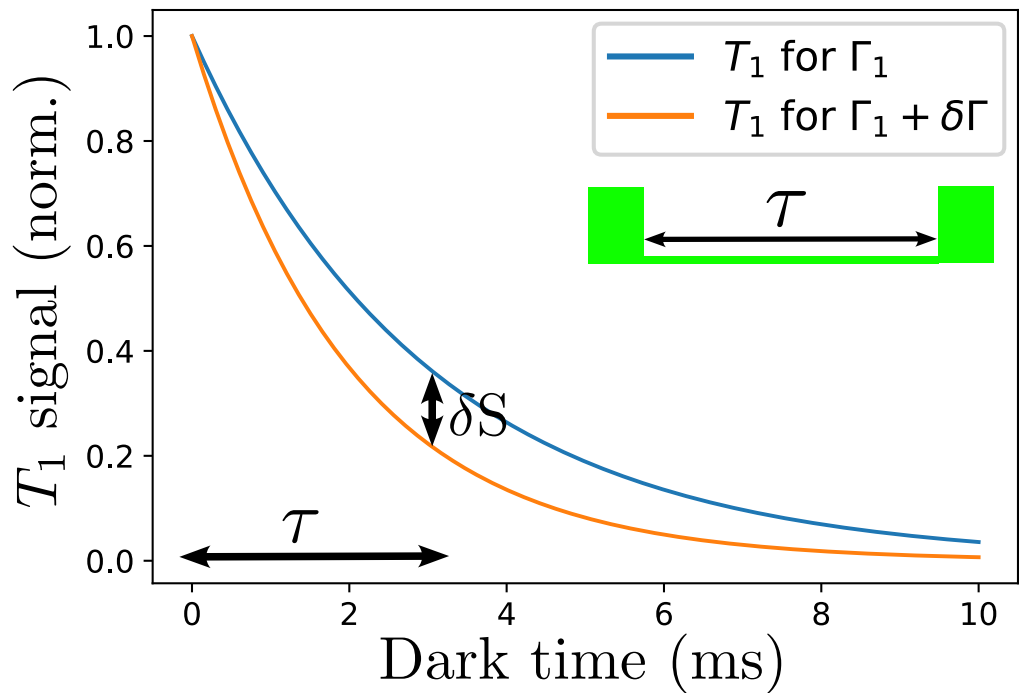
## PL measurement



$$\text{PL} \propto \frac{\Gamma_{\text{las}} + \Gamma_1}{\Gamma_{\text{las}} + 3\Gamma_1}$$

$$\frac{\delta \text{PL}}{\text{PL}} \propto \frac{\delta \Gamma}{\Gamma_1}$$

## Single- $\tau$ measurement



$$\frac{\delta S}{S} \propto \frac{\delta \Gamma}{\Gamma_1}$$