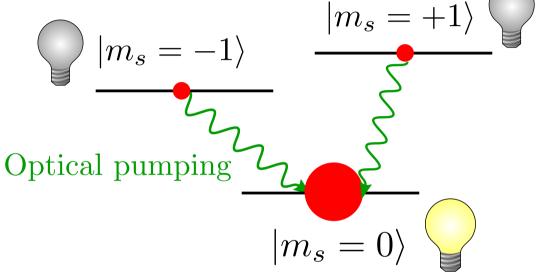


Optical pumping of the spin states



Population accumulation in the |0⟩ state
Initialization of the spin state

|0⟩ sate brighter than |±1⟩ states
Optical readout of the spin state