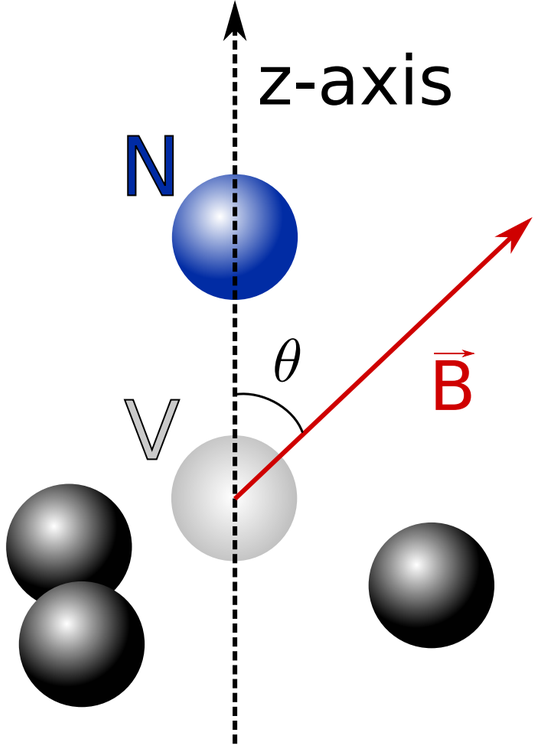

$$\mathcal{H} = D\hat{S}_z^2 + \gamma_e \hat{\mathbf{S}} \cdot \mathbf{B}$$

z of $\hat{S}_z$ defined by the crystalline axis

- $|0\rangle$ state brighter than $|\pm 1\rangle$ state by ~ 30 %
- polarization in $|0\rangle$ state of ~ 80 % (equivalent to ~ 65 μK)