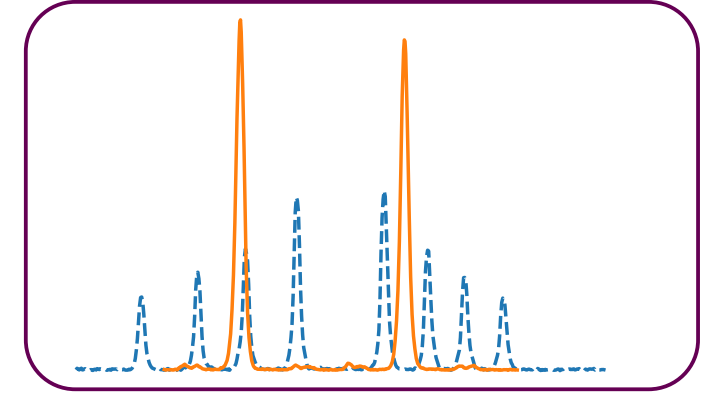
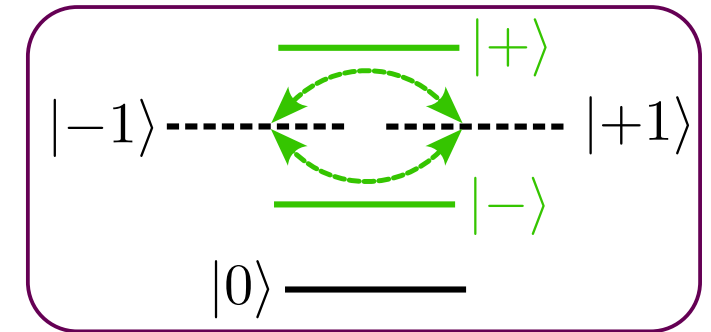


- 4-classes degeneracy



- Eigenbasis change



Spin Hamiltonian dominated
by local \vec{E} -field at low \vec{B} -field \rightarrow

$$|\pm\rangle = \frac{|+1\rangle \pm |-1\rangle}{\sqrt{2}}$$

Mittiga, T., [...], Yao, N. Y. (2018). PRL, 121(24), 246402.

New eigenstates in zero-field

\rightarrow new dipole-dipole coupling rates

\rightarrow increased depolarization in zero-field