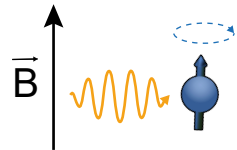


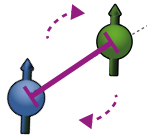
Spin-Field Interactions



- Zeeman Interaction
- rf Irradiation
- Electric fields

```
sos.zeeman_interaction(args)
sos.auto_zeeman_interaction(args)
sos.rot(args)
```

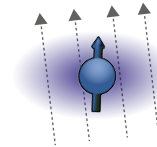
Spin-Spin Interactions



- Dipolar Coupling
- J-Coupling

```
sos.dipolar_coupling(args)
sos.dipolar_spatial(args)
```

$S > 1$ Interactions



- Zero-Field Splitting
- Quadrupole Interaction

```
sos.zfs_interaction(args)
sos.quad_interaction(args)
```

`sos.interaction_hamiltonian()` `sos.AnisotropicCoupling()`