

## Chapter 1

# NV-NV CR under transverse or low fields: application to magnetometry

- 1.1 NV spin Hamiltonian under low and transverse fields
- 1.2 Modification of NV-NV CR in the  $\{|0\rangle, |+\rangle, |-\rangle\}$  basis
- 1.3 Low field magnetometry
- 1.4 Conclusion and perspectives