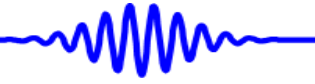


# P5576: EXPLAINER: EFFECTS OF NUCLEAR QUADRUPOLE COUPLING TENSOR MAGNITUDE, ASYMMETRY, AND ORIENTATION ON THE APPEARANCE OF ROTATIONAL HYPERFINE STRUCTURE

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- The spread of hyperfine transitions is effected by:
  - The magnitude of NQC tensor (increases)
  - The asymmetry of the NQC tensor (decreases)
  - The orientation of the NQC tensor (depends)

