

Microwave Spectrum and Iodine Nuclear Quadrupole Coupling Constants of 1,1-diiodoethane

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- First high resolution FTMW spectroscopic study on 1,1-diiodoethane
- Accurate determination of the NQC tensor
- Many dipole forbidden/electronic quadrupole transitions were determined
- Excellent agreement on theoretical calculations and experiment
- Many unassigned lines throughout spectrum.
- Current fit aids on excluding pre-cursor lines to fit the 1-iodoethyl radical, (CH_3CHI).

