

P 4363: ISOTOPIC RELATIONS FOR TETRAHEDRAL AND OCTAHEDRAL MOLECULES

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The study and analysis of heavy spherical-top molecules is often not straightforward

- **Hot bands** and **many isotopologues**:
→ high line congestion, complex assignments
- Low-order model:
→ very simple **isotopic relations**
→ determine **initial parameters** of the analysis
- Identical approach for XY_4 and XY_6 molecules
- **Comparisons** of numerical computations and experiments

