

## RAMAN SPECTROSCOPY OF H<sub>2</sub>O, HDO, AND D<sub>2</sub>O

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The rotational, and the  $\nu_1$ ,  $\nu_2$  and  $\nu_3$  vib-rotational Raman spectra of H<sub>2</sub>O, HDO, and D<sub>2</sub>O, recorded at  $P \approx 28$  mbar, and  $T \approx 295$  K, will be reported. A detailed interpretation of the cross sections of these spectra in terms of the molecular polarizability and of non-factorized variational wavefunctions will be presented.