AN ELECTRONIC VERSION OF THE TRANSMISSION SPECTRUM OF MOLECULAR IODINE, 14500-20000 cm^{-1}

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The absorption spectrum of the $B \leftarrow X$ transition of molecular iodine has been recorded at Doppler resolution, in the region 14500 - 20000 cm^{-1}, on a Fourier transform spectrometer. Calibration has been checked against the Doppler-Free High Resolution Spectral Atlas of the Iodine Molecule[a] across the region common to both spectra. Our version of the iodine atlas, which was originally produced at Orsay,[b] avoids the need for systematic wavenumber corrections[c] to short-wavelength peaks, and should be compatible with any software. It has proved a convenient tool in our laboratory, and we hope others may also find it useful. The transmission spectrum is available, on request, as a single ascii file.

[a] H. Katô and co-authors, published by the Japan Society for the Promotion of Science, (2000)
[b] S. Gerstenkorn & P. Luc, Atlas du Spectre d'Absorption de la Molécule d'Iode entre 14800-20000 cm^{-1}, ed. CNRS (1978)
[c] S. Gerstenkorn & P. Luc, Revue de Physique Appliquée 14 791 (1979)