



## Hyper-Rayleigh spectral intensities of gaseous Kr-Xe mixture

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Auteur	Głaz, Waldemar [1], Bancewicz, Tadeusz [2], Godet, Jean-Luc [3]
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Résumé en anglais	Binary collision-induced hyper-Rayleigh s CIHR d spectra of Kr-Xe gaseous system are computed quantum mechanically and classically within the frequency range up to 380 cm <sup>-1</sup> . The intensities are expressed in absolute units. The details of the theory developed for the CIHR spectra are given and the properties of the profiles as well as the depolarization ratio frequency dependence are discussed. The contributions to the spectra related to the vector b <sub>10</sub> (r) and the septor b <sub>30</sub> (r) components of the hyperpolarizability tensor are evaluated.
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### Liens

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