

Accepted Manuscript

Absolute line intensities and first measurements of self-collisional broadening and shift coefficients in the $2\nu_4$ band of NH_3

N. Maaroufi, C. Jalleli, F. Kwabia Tchana, X. Landsheere, H. Aroui

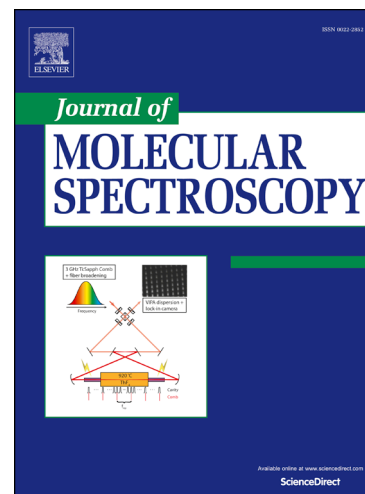
PII: S0022-2852(18)30128-0
DOI: <https://doi.org/10.1016/j.jms.2018.09.003>
Reference: YJMSP 11078

To appear in: *Journal of Molecular Spectroscopy*

Received Date: 9 April 2018
Revised Date: 5 September 2018
Accepted Date: 7 September 2018

Please cite this article as: N. Maaroufi, C. Jalleli, F. Kwabia Tchana, X. Landsheere, H. Aroui, Absolute line intensities and first measurements of self-collisional broadening and shift coefficients in the $2\nu_4$ band of NH_3 , *Journal of Molecular Spectroscopy* (2018), doi: <https://doi.org/10.1016/j.jms.2018.09.003>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Absolute line intensities and first measurements of self-collisional
broadening and shift coefficients in the $2\nu_4$ band of NH_3**

N. Maaroufi^{1,2}, C. Jalleli¹, F. Kwabia Tchana^{2*}, X. Landsheere² and H. Aroui¹

¹Laboratoire de Dynamique Moléculaire et Matériaux Photoniques, Université de Tunis, Ecole Nationale Supérieure d'Ingénieurs de Tunis, 5 Av Taha Hussein, 1008 Tunis, Tunisia

²Laboratoire Interuniversitaire des Systèmes Atmosphériques (LISA), UMR CNRS 7583, Université Paris Est Créteil et Université Paris Diderot, Institut Pierre Simon Laplace, 61 Avenue du Général de Gaulle, 94010 Créteil Cedex, France

*Corresponding Author:

Fridolin KWABIA TCHANA

Email: fridolin.kwabia@lisa.u-pec.fr

Tel. +33 1 45 17 15 29, Fax. +33 1 45 17 15 64

Keyword: NH_3 , Fourier transform infrared spectroscopy, $2\nu_4$ band, absolute line intensities, self-broadening and self-shift coefficients

Download English Version:

<https://daneshyari.com/en/article/11011470>

Download Persian Version:

<https://daneshyari.com/article/11011470>

[Daneshyari.com](https://daneshyari.com)