

On the Ambiguity of Molecular Complexes Formed by Two Molecules

S. Kassi and H. Dreizler^a

Laboratoire de Physique des Lasers, Atomes et Molécules, Université des Sciences et Technologies de Lille, F-59655 Villeneuve d'Ascq

^a Permanent address: Institut für Physikalische Chemie, Christian-Albrechts-Universität, Olshausenstr. 40, D-24098 Kiel

Z. Naturforsch. **54a**, 213–217 (1999); received December 16, 1998

We present a general consideration how many structural conformers are compatible with *one* set of rotational constants if one rotational spectrum of a dimer is investigated. A selection of a certain conformer should be guided by the investigation of isotopomers, quantum chemical calculations or other arguments.

Reprint requests to Prof. H. Dreizler; e-mail: dreizler@PHC.uni-kiel.de