MICROWAVE SPECTROSCOPY OF ARGON-THIIRANE AND NEON-THIIRANE COMPLEXES

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The rotational spectra of Ar-thiirane (or ethylene sulfide C_2H_4S) and Ne-thiirane van der Waals complexes have been measured with a MWFT spectrometer between 6 and 20 GHz. The analysis of the spectra of the isotopic species and the determination of the geometrical structure of theses complexes are discussed.