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The mystery of the diffuse interstellar bands or DIBs, regarded as the most longstanding problem in the whole of astronomical spectroscopy, has baffled scientists since a century ago. In this thesis, the electronic spectra of molecules were measured to better understand the nature of these enigmatic features as well as to characterize the physical properties of the interstellar medium of our Galaxy.

BACALLA

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Towards improving our knowledge of the DIB carriers

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