Cover Page



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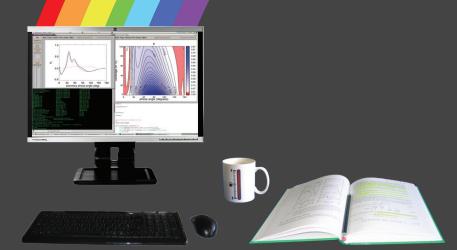
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Title: Broadband polarimetry of exoplanets: modelling signals of surfaces, hazes and

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In this thesis, Karalidi works with a numerical code to model the flux and polarization properties of starlight reflected by exoplanets with various forms of inhomogeneities. She shows that the rainbow, created by water clouds in the planetary atmosphere, is a powerful ally in our search for water clouds on other planets. In the upcoming years the detection of giant planets will be easier than the detection of terrestrial planets. For this reason Karalidi also describes the influence that various formations, such as zones, spots and polar hazes, have on the signal from Jupiter-like exoplanets.



T. Karalidi

Broadband

Broadband polarimetry of exoplanets

modelling signals of surfaces, hazes and clouds

THEODORA KARALIDI

