A GROUND BASED TRANSMISSION SPECTRUM OF WASP-6B

ANDRÉS JORDÁN

ABSTRACT. The detection of signatures of the atmospheres of extrasolar | planets through the technique of transmission spectroscopy is a challenging problem which is mainly dominated by systematic effects. I will use Magellan/IMACS observations of WASP-6b as in order to illustrate the methods we have adopted to extract this kind of signals.

Pontificia Universidad Católica de Chile $E\text{-}mail\ address:}$ ajordan@astro.puc.cl