

Photochemistry in the atmospheres of extrasolar planets

S. Seager

Abstract. Over 150 extrasolar planets are known to orbit sun-like stars. A growing number of them are transiting planets whose physical characteristics can be measured. Atmospheres of two of these planets have already been detected. I will discuss data and models of hot Jupiter extrasolar transiting planets with a focus on chemistry and photochemistry involved in understanding their atmospheres.
