



Orbital Evolution of Hot Jupiters with Atmosphere Blow-off

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The orbital evolution of close-in giant exoplanets (CGEPs) associated with tidal interaction has been investigated by several authors without taking into consideration of the mass loss caused by atmospheric blow-off. In this work we have extended the previous model calculations (see Jiang et al. 2003) to include different scenarios of stellar radiation driven mass loss to trace the possible evolutionary paths of CGEPs such as HD 209458b, Tau Boo b, OGLE TR-113b and TR-56 b.