

SOLAR SYSTEM FORMATION AND CO-ORBITAL DYNAMICS

SAMUEL KAPLAN
UNC AT ASHEVILLE

ABSTRACT. The standard model for solar system formation suggests planetary orbits should be nearly circular. However, growing data about exoplanets suggests a wider distribution of eccentricity than is accounted for in the standard model. In this talk we explore the possibility that co-orbital dynamics during planetary formation plays a role in final planetary eccentricity.