## Three Body Problems in Evolutionary Game Dynamics: Convergence, Periodicity and Limit Cycles

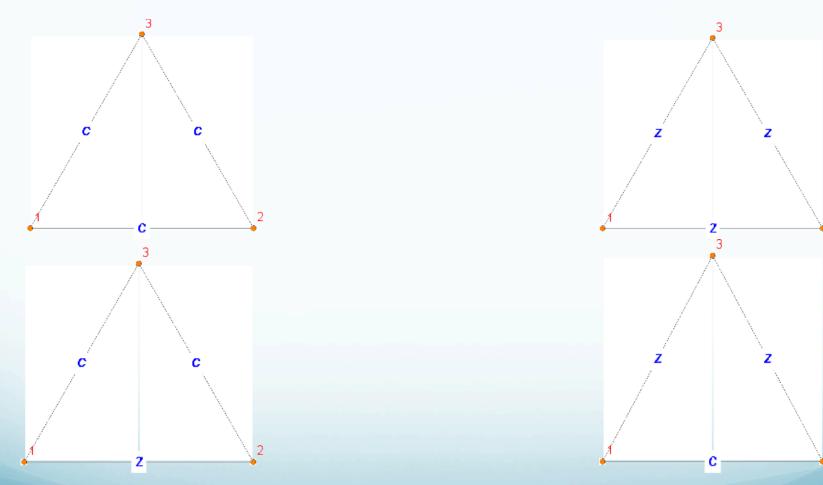
Sai Ganesh Nagarajan, Sameh Mohamed and Georgios Piliouras



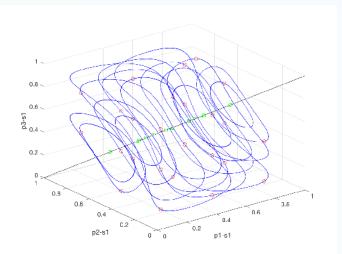


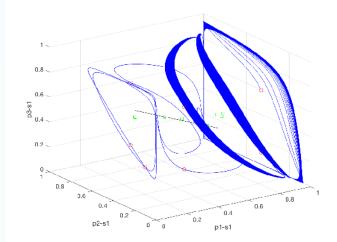


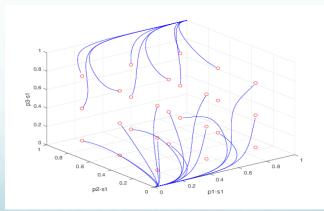
## Evolutionary Games on a Triangle



## Limit Behavior







## Proof techniques

Inspired from three body problems in Physics!!

