

Top Responsiveness and Nash Stability in Coalition Formation Games

Dinko Dimitrov; Shao Chin Sung

Abstract: Top responsiveness was shown by Alcalde and Revilla [?] to guarantee the existence of core stable partitions in hedonic coalition formation games. In this paper we prove the existence of Nash stable partitions under top responsiveness when a mutuality condition is imposed.

Keywords: coalition formation; hedonic games; Nash stability; top responsiveness;

AMS Subject Classification: 71; C72; C78; D71;