

Continuous-time games of timing

Laraki, Solan and Vieille

Speaker: Vieille

e-mail: vieille@hec.fr

HEC, Dep. Finance et Economie

FRANCE

KeyWords:dynamic games, timing games, equilibrium existence

ABSTRACT

We address the question of existence of equilibrium in general timing games of complete information. Under weak assumptions, any two-player timing game has a subgame perfect epsilon-equilibrium, for each positive epsilon. This result is tight. For some classes of games (symmetric games, games with cumulative payoffs), stronger existence results are established.