



SÉMINAIRE

SEQUENTIAL EQUILIBRIA IN A CLASS OF INFINITE EXTENSIVE FORM GAMES

08 novembre 2022

Lemma - Salle Maurice Desplas (4 rue Blaise Desgoffe, 75006 Paris)

Séminaire du LEMMA

[Michael GREINECKER](#) - ENS Paris-Saclay
(en collaboration avec Martin MEIER and Konrad PODCZEK)

Abstract:

Sequential equilibrium is one of the most fundamental refinements of Nash equilibrium for games in extensive form but is only defined for finite extensive-form games and is inapplicable whenever a player can choose among a continuum of actions. We define a class of infinite extensive form games in which information behaves continuously as a function of past actions and define a natural notion of sequential equilibrium for this class. Sequential equilibria exist in this class and refine Nash equilibria. In finite extensive-form games, our definition selects the same strategy profiles as the traditional notion of a sequential equilibrium.

Plus d'informations sur le site internet du [LEMMA](#)