

Generalized Nash Equilibrium Problems and Taxation

Francisco Facchinei

Università di Roma La Sapienza, Italy

`facchinei@diag.uniroma1.it`

We discuss how Generalized Nash Equilibrium Problems can be used to establish the tax a regulator should impose on the players of a standard Nash equilibrium problem to achieve some kind of results. We consider both the setting in which the regulator has perfect knowledge of the players' problems and that in which this is not the case. We conclude with an illustration in a concrete application.