Abstract

The aim of the thesis is to provide basic overview of term called Generalized Nash Equilibrium Problem (GNEP), mainly to the audience with economic education. Given term is the generalization of famous concept coming from Game theory called Nash Equilibrium Problem (NEP). Thesis describes basic properties of GNEP, illuminates main differences between NEP and GNEP and provides examples of both models. Thesis discuss hypothesis that there might exist economic models that could be advanced or solved by GNEP. One example of such economic model is presented to support given hypothesis.

Keywords