

Stability of equilibria via regularity of the diagonal subdifferential operators

Gábor Kassay

12.05.2016

Abstract

In this paper we investigate the Lipschitz-likeness of the solution map of a parametric equilibrium problem, by providing a connection with suitable properties of the diagonal subdifferential operator associated to the equilibrium bifunction. In particular, we shed some light on the relationship between metric regularity and subregularity of the diagonal subdifferential, on one side, and some properties of the bifunction, on the other side.