

# On sensitivity of vector equilibria by means of the diagonal subdifferential operator

Gábor Kassay

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## **Abstract**

Based on the concept of subdifferential of a convex vector function, we define the so-called diagonal subdifferential operator for vector-valued bi-functions depending on a parameter and show its sensitivity with respect to the parameter. As a byproduct, we obtain Lipschitz continuity results of the solution map for parametric strong vector equilibrium problems.