## Linear openness of the composition of set-valued maps and applications to variational systems

Gábor Kassay 11.12.2014

## Abstract

In this paper we study the Lipschitz property of the solution map of a generalized parametric equation associated to a composed set valued map acting between metric spaces. This result follows from the analysis of the linear openness of the composed map carried out thanks to an application of Nadler's fixed point theorem.