

Stability results of variational systems under linear openness

Monica Bianchi (Milano), Gabor Kassay (Cluj)
and Rita Pini (Milano)

21.11.2013

Abstract

In this paper we present the notion of (U, V) -openness and (U, V) -metric regularity for a set-valued map, proving their equivalence. By using different approaches we show the stability with respect to the sum of maps of the (U, V) -openness property, both in the setting of Banach spaces, and of metric spaces.