
BERN-FRIBOURG GRADUATE SEMINAR

a seminar for Master and PhD students

Thursday 20th October, 2022: 17:15 - 18:00

Room 2.52, Perolles 08, Fribourg

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Open mapping theorems for Lipschitz maps

Abstract

One of the key tools to prove that a map is open is the Inverse Function Theorem. Thus, it is natural to look for generalizations of this result in wider contexts. We will focus on Lipschitz maps: we will define the generalized differential and prove Clarke's Inverse Function Theorem. We will show some consequences of this result and some possible applications.