

Public Abstract

First Name:Michael

Middle Name:Thomas

Last Name:Wuertz

Adviser's First Name:Marius

Adviser's Last Name:Mitrea

Co-Adviser's First Name:

Co-Adviser's Last Name:

Graduation Term:SP 2008

Department:Mathematics

Degree:MS

Title:The Implicit Function Theorem for Lipschitz Functions and Applications

This thesis deals with problems arising in real analysis, including differentiability properties of functions and characterizing the regularity properties of domains in the Euclidian setting.