Analysis Seminar

Title: Overconvergence properties of harmonic homogeneous polynomial expansions with gaps

Speaker: M. Golitsyna

Date: Tue 5th December 2017 at 3:00PM

Location: SCN 125

Abstract: The series expansions of holomorphic functions with gaps have been studied since the beginning of the twentieth century and found applications in the recent study of universal Taylor series. In this talk I will discuss analogous theory for harmonic functions and its application to show non-existence of universal harmonic homogeneneous expansions on certain type of domains in R^N.