



Analysis Seminar

Title: Harmonic extension from the exterior of a cylinder I

Speaker: S. Gardiner

Date: Tue 19th November 2019 at 3:00PM

Location: Seminar Room SCN 1.25

Abstract: Let h be a harmonic function on an annular cylinder. It was recently shown that, if h vanishes on the outer cylindrical boundary component, then it has a harmonic extension to a larger annular cylinder formed by radial reflection. This talk will show that a different kind of extension result holds if h instead vanishes on the inner boundary component.

(This is joint work with Hermann Render.)