



Analysis Seminar

Title: Further extension properties of harmonic functions which vanish on a conical surface

Speaker: S. Gardiner

Date: Tue 30th March 2021 at 4:00PM

Location: Online

Abstract: In a previous seminar I presented an extension result for functions that are harmonic on an infinite cone and vanish on the boundary. This talk is complementary and self-contained. It deals with the extension of functions that are harmonic on the region between two coaxial conical surfaces with common vertex, and that vanish on one of these surfaces. A new phenomenon arises in this situation. (This is joint work with Hermann Render.)

<https://ucd-ie.zoom.us/j/65961593339?pwd=VFpwbmwwazQrTUJyQzhmSVJlVZmExZz09>