



Analysis Seminar

Title: Dynamics of maps from the exponential family

Speaker: Neil Dobbs

Date: Tue 5th February 2019 at 4:00PM

Location: SCN 125

Abstract: In this introductory talk, we will investigate what happens when one iterates maps of the form $f_\lambda : z \mapsto ce^z$, where c is a non-zero complex number. In some interesting cases, the set of periodic points is dense, a generic point will have a dense orbit, and a Lebesgue-typical orbit may have different properties again.