

Inverse Problems Network Meeting 5

Thursday, 23rd May 2019 - Friday, 24th May 2019

University of Kent

Abstract of Talk

UNIQUENESS THEOREMS IN INVERSE SPECTRAL AND SCATTERING THEORY

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I shall discuss some uniqueness theorems in inverse theory, starting with the classical Borg-Marčenko theorem and moving on to more general results due to myself, in most cases in collaboration with Malcolm Brown and Rudi Weikard. If time allows I will also mention some results on inverse one-dimensional scattering.