Seminar

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Topic
Error analysis of the inverse potential problem

Date| Time
11 December 2024 (Wed) | 10:30 am – 11:30 am (HK Time)

Venue:
TU817, Main Campus

Abstract:
The inverse potential problem arises naturally in several practical applications. In this talk, we discuss the finite element approximation of the inverse problem, which is challenging due to the nonlinearity of the forward map. We discuss the convergence analysis for two cases: continuous deterministic observations and discrete random observations. We also provide numerical results to illustrate the convergence.

ALL ARE WELCOME