

## 北京理工大学

## 数学与统计学院学术报告

## 正反散射问题及其应用简介

报告人: 刘宏宇 香港城市大学

时 间: 2023年11月16日、18日、19日、21日14: 30-16: 30

地 点: 腾讯会议室 ID: 6021596285

## 摘要:

1、正反散射问题简介(1学时)

2、波散射正问题(2学时)

3、波散射反问题(3学时)

4、重构算法及逆散射在成像问题中的应用(1学时)

5、隐形简介(1学时)

个人简介: Hongyu Liu is a professor of mathematics at City University of Hong Kong. He concurrently holds a Changjiang chair professorship awarded by the Ministry of Education, China. His research focuses on inverse problems and imaging, wave propagation, analysis and PDEs, mathematical materials science, scattering theory, spectral theory, and the theory of mean field games. He is a recipient of the Calder\' on Prize by Inverse Problems International Association, a Fellow of Institute of Physics, UK, and a Fellow of Institute of Mathematics and its Applications, UK.