Recovery by a single far-field measurement

Hongyu Liu

Hong Kong Baptist University, Hong Kong

Email: `hongyu.liuip@gmail.com`

In this talk, the speaker shall discuss the recent progress on the uniqueness, stability and reconstruction schemes by a single far-field pattern for inverse scattering problems. The discussion is mainly based the acoustic scattering problems. If time allows, extensions to electromagnetic scattering problems shall be briefly described.