

2014학년도 2학기

수학전공 Colloquium

제 목 Recovery by a single far-field measurement.

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초

록

I will talk the results obtained from our theoretical and computational studies on inverse acoustic and electromagnetic scattering problems by minimum measurement data. First, I would talk about the uniqueness and stability in determining polyhedral scatterers by at most N far-field measurements, where N denotes the space dimensions. Then, I would talk about the numerical reconstruction schemes we developed for the inverse scattering problems by a single far-field measurement. I would focus on acoustic waves and briefly discuss the extension to electromagnetic waves.

일 시 11월 13일 목요일 오후 5시

장 소 5동102