

Accepted Manuscript

Signal-to-Noise Ratio analysis for time-reversal based imaging techniques
in bounded domains

I. Petromichelakis, C. Tsogka, C.G. Panagiotopoulos

PII: S0165-2125(18)30062-3

DOI: <https://doi.org/10.1016/j.wavemoti.2018.02.007>

Reference: WAMOT 2231

To appear in: *Wave Motion*

Received date: 3 August 2017

Revised date: 8 February 2018

Accepted date: 22 February 2018

Please cite this article as: I. Petromichelakis, C. Tsogka, C.G. Panagiotopoulos, Signal-to-Noise Ratio analysis for time-reversal based imaging techniques in bounded domains, *Wave Motion* (2018), <https://doi.org/10.1016/j.wavemoti.2018.02.007>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Signal-to-Noise Ratio analysis for Time-Reversal based imaging techniques in bounded domains

I. Petromichelakis, C. Tsogka and C. G. Panagiotopoulos

Research Highlights

- Source and defect localization in bounded domains is considered
- We study how multiple reflections from the boundaries affect imaging
- Analytical estimation of location and amplitude of secondary (ghost) imaging peaks
- SNR performance investigation

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات