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

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

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*Research Highlights

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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

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