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Sound speed uncertainty in acousto-electric tomography. (English) Zbl 1479.35950
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MSC:

- 35R30 Inverse problems for PDEs
- 35L15 Initial value problems for second-order hyperbolic equations
- 78A46 Inverse problems (including inverse scattering) in optics and electromagnetic theory
- 65M32 Numerical methods for inverse problems for initial value and initial-boundary value problems involving PDEs
- 92C55 Biomedical imaging and signal processing

Keywords:

acousto-electric tomography; uncertainty quantification; hybrid data tomography; variable sound speed; coupled-physics imaging; medical imaging

Software:

SyFi; FEniCS

Full Text: [DOI](#) [arXiv](#)

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