

**Le, Thu; Nguyen, Dinh-Liem; Schmidt, Hayden; Truong, Trung**  
**Imaging of 3D objects with experimental data using orthogonality sampling methods.**  
(English) [Zbl 1480.78012](#)  
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**MSC:**

- 78A46 Inverse problems (including inverse scattering) in optics and electromagnetic theory
- 35R09 Integro-partial differential equations
- 35P25 Scattering theory for PDEs
- 65N21 Numerical methods for inverse problems for boundary value problems involving PDEs
- 65R20 Numerical methods for integral equations
- 35Q61 Maxwell equations
- 35R30 Inverse problems for PDEs
- 78-05 Experimental work for problems pertaining to optics and electromagnetic theory

**Keywords:**

[orthogonality sampling method](#); [3D experimental data](#); [inverse scattering](#); [Maxwell's equations](#)

**Software:**

[3D Fresnel database](#)

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

**References:**

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