

Detecting anisotropic inclusions through EIT

Cristina, Jan; **Päivärinta, Lassi Juhani** Archive for rational mechanics and analysis 2017 / p. 1139-1160

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Detecting anisotropic inclusions through EIT [Online resource]

Cristina, Jan; **Päivärinta, Lassi Juhani** arXiv.org 2016 / p. 1-18 <https://arxiv.org/abs/1511.01233v2>

Enhancing D-bar reconstructions for electrical impedance tomography with conformal maps

Hyvönen, Nuutti; **Päivärinta, Lassi Juhani**; Tamminen, Janne Pertti Olavi Inverse problems & imaging 2018 / p. 373-400 : ill

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The Fourier, Hilbert, and Mellin transforms on a half-line

Blasten, Emilia; **Päivärinta, Lassi Juhani**; **Sadique, Sadia** SIAM Journal on Mathematical Analysis 2023 / p. 7529-7548

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The inverse Robin boundary value problem in a half-space

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Nonlinear Fourier analysis for discontinuous conductivities : computational results

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Strictly convex corners scatter

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Unique determination of a planar screen in electromagnetic inverse scattering

Ola, Petri; **Päivärinta, Lassi Juhani**; **Sadique, Sadia** Mathematics 2023 / art. 4655 <https://doi.org/10.3390/math11224655> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Unique determination of the shape of a scattering screen from a passive measurement

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