Detecting anisotropic inclusions through EIT
Cristina, Jan; **Päivärinta, Lassi Juhani** Archive for rational mechanics and analysis 2017 / p. 1139-1160 https://doi.org/10.1007/s00205-017-1151-y Journal metric at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Detecting anisotropic inclusions through EIT [Online resource]
Cristina, Jan; **Päivärinta, Lassi Juhani** arXiv.org 2016 / p. 1-18 https://arxiv.org/abs/1511.01233v2

Determination of time-dependent sources and parameters of nonlocal diffusion and wave equations from final data
Janno, Jaan Fractional calculus and applied analysis 2020 / p. 1678–1701 https://doi.org/10.1515/fca-2020-0083 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fractional Brownian motion and asymptotic Bayesian estimation [Online resource]
Päivärinta, Lassi Juhani; Piiroinen, Petteri arXiv.org 2016 / p. 1-55 : ill https://arxiv.org/abs/1606.07576v1

Identification of a kernel in an evolutionary integral equation occurring in subdiffusion
Janno, Jaan; **Kasemets, Kairi** Journal of inverse and ill-posed problems 2017 / p. 777-798 https://doi.org/10.1515/jiip-2016-0082 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Inverse acoustic scattering problem in half-space with anisotropic random impedance [Online resource]
Helin, Tapio; Lassas, Matti; **Päivärinta, Lassi Juhani** arXiv.org 2014 / p. 1-26 https://arxiv.org/abs/1407.2481v2

An inverse problem for a generalized fractional derivative with an application in reconstruction of time- and space-dependent sources in fractional diffusion and wave equations
Kinash, Nataliia; **Janno, Jaan** Mathematics 2019 / art. 1138, p. 1-16 https://doi.org/10.3390/math7121138 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Inverse problem to determine order of derivative and kernel in generalized time fractional diffusion equation
Janno, Jaan Mathematical modelling and analysis 2016 : abstracts 2016 / p. 32 http://www.ester.ee/record=b4573512*est

Inverse problems for a generalized subdiffusion equation with final overdetermination
Kinash, Nataliia; **Janno, Jaan** Mathematical modelling and analysis 2019 / p. 236–262 https://doi.org/10.3846/mma.2019.016 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Inverse problems for a parabolic integrodifferential equation in a convolutional weak form
Kasemets, Kairi; **Janno, Jaan** Abstract and applied analysis 2013 / p. 1-16 : ill https://doi.org/10.1155/2013/297104 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Inverse problems for a perturbed time fractional diffusion equation with final overdetermination
Kinash, Nataliia; **Janno, Jaan** Mathematical methods in the applied sciences 2018 / p. 1925-1943 : ill https://doi.org/10.1002/mma.4719 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Inverse problems for parabolic integro-differential equations with with two kernels
Kasemets, Kairi; **Janno, Jaan** 18th International Conference on Mathematical Modelling and Analysis and 4th International Conference on Approximation Methods and Orthogonal Expansions : May 27-30, 2013, Tartu, Estonia : abstracts : the conference is dedicated to the 75th birthday of professor Gennadi Vainikko 2013 / p. 57

The inverse Robin boundary value problem in a half-space
Päivärinta, Lassi Juhani; Zubeldia, Miren Applicable analysis 2015 / p. 2565-2587

Lugeja küsib: miks talvel laevad (näiliselt) õhku tõusevad? [Võrguväljaanne]
Kalda, Jaan novaator.err.ee 2021 "Lugeja küsib: miks talvel laevad (näiliselt) õhku tõusevad?"

A mathematical model for abrasive erosion wear in composite Fe-based matrix with WC-Co reinforcement
Casesnoves, Francisco; **Surženkov, Andrei** Materials and contact characterisation VIII 2017 / p. 99-111 : ill https://doi.org/10.2495/MC170101 Conference proceedings at Scopus Article at Scopus

Mathematics. Special Issue "Inverse and Ill-Posed Problems"
2020 https://www.mdpi.com/journal/mathematics/special_issues/Inverse_Ill-posed_Problems

On-line corrosion monitoring of plate structures based on guided wave tomography using piezoelectric sensors
Rao, Jing; **Ratassepp, Madis**; Lisevych, Danylo; Caffoor, Mahadhir Hamzah; Fan, Zheng Sensors 2017 / art. 2882, p. 1-14 : ill https://doi.org/10.3390/s17122882 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Positive-energy D-bar method for acoustic tomography : a computational study
de Hoop, M. V.; Lassas, Matti; Santacesaria, M.; Siltanen, Samuli; **Tamminen, Janne Pertti Olavi** Inverse problems 2016 / art,

025003, p. 1-35 : ill https://doi.org/10.1088/0266-5611/32/2/025003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reconstruction of an orthotropic thermal conductivity from non-local heat flux measurements
Huntul, M.J.; Hussein, M.S.; Lesnic, D.; Ivanchov, M.I.; **Kinash, Nataliia** International journal of Mathematical modelling and numerical optimisation 2020 / p. 102-122 https://doi.org/10.1504/IJMMNO.2020.104327 Journal metrics at Scopus Article at Scopus

Reconstruction of coefficients of higher order nonlinear wave equations by measuring solitary waves
Janno, Jaan; **Šeletski, Anna** Wave motion 2015 / p. 15-25 : ill https://doi.org/10.1016/j.wavemoti.2014.08.005 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reconstruction of coefficients of higher order nonlinear wave equations by solitary waves
Janno, Jaan; Šeletski, Anna Mathematical modelling and analysis 2016 : abstracts 2016 / p. 33
http://www.ester.ee/record=b4573512*est

Review of electrical machine diagnostic methods applicability in the perspective of Industry 4.0
Asad, Bilal; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants**; **Belahcen, Anouar** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2018 / p. 108–116 : ill https://doi.org/10.2478/ecce-2018-0013

Strictly convex corners scatter
Päivärinta, Lassi Juhani; Salo, Mikko; Vesalainen, Esa V. Revista matematica iberoamericana 2017 / p. 1369-1396
https://doi.org/10.4171/rmi/975 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Strictly convex corners scatter [Online resource]
Päivärinta, Lassi Juhani; Salo, Mikko; Vesalainen, Esa V. arXiv.org 2014 / p. 1-27 https://arxiv.org/abs/1404.2513v2

The D-bar method for diffuse optical tomography : a computational study
Tamminen, Janne Pertti Olavi; Tarvainen, T.; Siltanen, Samuli Experimental mathematics 2017 / p. 225-240 : ill
https://doi.org/10.1080/10586458.2016.1157775 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Uniqueness for an inverse problem for a semilinear time-fractional diffusion equation
Janno, Jaan; **Kasemets, Kairi** Inverse problems and imaging 2017 / p. 125-149 https://doi.org/10.3934/ipi.2017007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS