

## **Aastaraamat 2012 / Eesti Matemaatika Selts**

2014 [http://www.ester.ee/record=b1226018\\*est](http://www.ester.ee/record=b1226018*est)

## **Arvutusmeetodid**

Janno, Jaan 2008 [http://www.ester.ee/record=b2364618\\*est](http://www.ester.ee/record=b2364618*est)

## **Arvutusmeetodid : õpik kõrgkoolidele**

Janno, Jaan 2016 [https://www.ester.ee/record=b4567655\\*est](https://www.ester.ee/record=b4567655*est)

## **A class of inverse problems for viscoelastic material with dominating Newtonian viscosity**

Janno, Jaan; Wolfersdorf, Lothar von Quarterly of applied mathematics 1999 / 3, p. 465-474

## **Constrained discrete least squares method for identifying of memory kernels in viscoelasticity**

Kiss, Eva Maria; Janno, Jaan Advances of Conference, held in Milan, 18.-21.03.1998 1998 / p. 17

## **Determination of a time- and space-dependent heat flux relaxation function by means of a restricted Dirichlet-to-Neumann operator**

Janno, Jaan Mathematical methods in the applied sciences 2004 / p. 1241-1260

[https://www.researchgate.net/publication/229807515\\_Determination\\_of\\_a\\_time- and\\_space-dependent\\_heat\\_flux\\_relaxation\\_function\\_by\\_means\\_of\\_a\\_restricted\\_Dirichlet-to-Neumann\\_operator](https://www.researchgate.net/publication/229807515_Determination_of_a_time- and_space-dependent_heat_flux_relaxation_function_by_means_of_a_restricted_Dirichlet-to-Neumann_operator)

## **Determination of degenerate relaxation functions in three-dimensional viscoelasticity**

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## **Determination of the order of fractional derivative and a kernel in an inverse problem for a generalized time fractional diffusion equation [Online resource]**

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## **Determination of time-dependent sources and parameters of nonlocal diffusion and wave equations from final data**

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## **Determining properties of nonlinear microstructured materials by means of solitary waves**

Janno, Jaan; Engelbrecht, Jüri Proc. 5th International Conference on Inverse Problems in Engineering : Cambridge, 2005. Vol. II 2005 / p. J02 1-6

## **A general class of autoconvolution equations of the third kind**

Janno, Jaan; Wolfersdorf, Lothar von Zeitschrift für Analysis und ihre Anwendungen = Journal for analysis and its applications 2005 / p. 523-543 [https://www.researchgate.net/publication/228746841\\_A\\_General\\_Class\\_of\\_Autoconvolution\\_Equations\\_of\\_the\\_Third\\_Kind](https://www.researchgate.net/publication/228746841_A_General_Class_of_Autoconvolution_Equations_of_the_Third_Kind)

## **A general inverse problem for a memory kernel in one-dimensional viscoelasticity**

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## **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>

## **Identification of a special class of memory kernels in one-dimensional heat flow**

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## **Identification of exponentially decreasing memory kernel in heat conduction**

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## **Identification of exponentially decreasing memory kernels in heat conduction and viscoelasticity by finite-dimensional inverse problems**

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## **Identification of memory kernels in general linear heat flow**

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## **Identification of memory kernels in heat conduction and viscoelasticity**

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## **Identification of memory kernels in one-dimensional heat flow with boundary conditions of the third kind**

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**Identification of microstructured materials by phase and group velocities**

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**Identification of properties of microstructured materials by means of Gaussian wave packets and solitary waves**

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**An inverse problem arising in compression of poro-viscoelastic medium**

**Janno, Jaan** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2000 / 2, p. 75-89

**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](#)  
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**Inverse problem to determine an order of derivative and a source term in a time fractional diffusion equation from final measurements**

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<https://doi.org/10.3176/proc.2022.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Inverse problems for a generalized subdiffusion equation with final overdetermination**

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**Inverse problems for a parabolic integrodifferential equation in a convolutional weak form**

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**Inverse problems for a perturbed time fractional diffusion equation with final overdetermination**

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**Inverse problems for generalized subdiffusion equations = Pöördülesanded üldistatud subdifusioonivõrranditele**

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**Inverse problems for identification of memory kernels in thermo- and poroviscoelasticity**

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**Inverse problems for parabolic integro-differential equations with instant and integral conditions**

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### **Pöördülesanded mittehomogeensete materjalide ja keskkondade omaduste määramiseks**

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