

**Abiks majandusmatemaatika õppijaile. 4, Kõrgem matemaatika : integraalarvutus ja diferentsiaalvõrrandid : metoodiline materjal**

1987 [https://www.esther.ee/record=b1229575\\*est](https://www.esther.ee/record=b1229575*est)

**Acoustic noise computation of electrical motors using the boundary element method**

Sathyam, Sabin; Aydin, Ugur; **Belahcen, Anouar** Energies 2020 / art. 0245 <https://doi.org/10.3390/en13010245> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

**Analytic Moufang-transformations**

Paal, Eugen 1988 [https://www.esther.ee/record=b1229781\\*est](https://www.esther.ee/record=b1229781*est)

**Backstepping-based output feedback boundary control for coupled fractional reaction-diffusion systems**

Zhuang, Bo; Cui, Bao-Tong; Lou, Xu-Yang; **Chen, Juan** Zidonghua Xuebao/Acta Automatica Sinica 2022 / p. 2729 - 2743  
<https://doi.org/10.16383/j.aas.c190389> [Journal metrics at Scopus Article at Scopus](#)

**Bilateral output feedback control of fractional PDEs with space-dependent coefficients**

Chen, Juan; Teplyakov, Aleksei; Petlenkov, Eduard; Zhuang, Bo IFAC-PapersOnLine 2020 / p. 3743 - 3748  
<https://doi.org/10.1016/j.ifacol.2020.12.2555> [Conference Proceedings at Scopus Article at Scopus](#) [Article at WOS](#)

**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

**Comparing two wavelet approaches for solving fractional differential equations**

Majak, Jüri; Kivistik, Lenart; Eerme, Martin; Tungel, Ernst International Conference of Numerical Analysis and Applied Mathematics : ICNAAM2022 : Heraklion, Greece, 19-25 September 2022 2024 / art. 230004 <https://doi.org/10.1063/5.0210415>  
[Conference proceedings at Scopus Article at Scopus](#) [Article at WOS](#)

**Connections in the bundles**

Rahula, Maito; **Nullari, Tanel** Векторные поля и симметрии 2004 / p. 199-236 : ill

**Damped Gauss-Newton type methods for ill-posed optimization problems**

Parts, Inga; Vaarmann, Otu International Conference on Operational Research : Simulation and Optimisation in Business and Industry : May 17-20, 2006, Tallinn, Estonia 2006 / p. 119-123

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

Janno, Jaan Electronic journal of differential equations 2016 / p. 1-28 <http://ejde.math.txstate.edu> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

**Diferentsiaalvõrrandid : juhend TTÜ kaugõpp-eüliõpilastele**

2003 [http://www.esther.ee/record=b1827929\\*est](http://www.esther.ee/record=b1827929*est)

**Dual internal variables**

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 59-72 [https://doi.org/10.1007/978-3-319-56934-5\\_4](https://doi.org/10.1007/978-3-319-56934-5_4)  
[Article collection metrics at Scopus Article at Scopus](#) [Article at WOS](#)

**Elliptic boundary value problems with Gaussian white noise loads**

Lasanen, Sari; **Roininen, Lassi**; Huttunen, Janne M.J. Stochastic processes and their applications 2018 / 21 p.  
<https://doi.org/10.1016/j.spa.2017.11.007> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

**The EST method : structural analysis**

Lahe, Andres 2014 [http://www.esther.ee/record=b4432551\\*est](http://www.esther.ee/record=b4432551*est) <https://digikogu.taltech.ee/et/item/ff1c95de-3641-491a-9c09-4c2bae8f9c0e>

**Fehlerbestimmung in kombinatorischen Schaltungen durch Lösung der Booleschen Differentialgleichungen**

Ubar, Raimund-Johannes Nachrichtentechnik, Elektronik : technisch-wissenschaftliche Zeitschrift für die gesamte elektronische Nachrichtentechnik 1978 / p. 330-334 : ill [https://www.esther.ee/record=b1550811\\*est](https://www.esther.ee/record=b1550811*est)

**Integro-differential equations of first order with autoconvolution integral**

Janno, Jaan; Wolfersdorf, Lothar von Journal of integral equations and applications 2009 / 1, p. 39-75

**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.esther.ee/record=b4573512\\*est](http://www.esther.ee/record=b4573512*est)

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

Kinash, Natalia; 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 perturbed time fractional diffusion equation with final overdetermination**

**Kinash, Natalia; 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 generalized subdiffusion equations = Pöördülesanded üldistatud subdifusioonivõranditele**

**Kinash, Natalia** 2020 <https://digikogu.taltech.ee/et/item/a3776907-fc6f-42e1-9d7c-5a0e6ae314f6>

**Inverse problems for integrodifferential equations with space- and time-dependent kernels**

**Janno, Jaan** 7th International Conference : Mathematical Modelling and Analysis, May 31 - June 2, 2002, Käärku, Estonia : abstracts 2002 / p. 24

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

**Kasemets, Kairi; Janno, Jaan** 17th International conference on "Mathematical Modelling and Analysis" : June 6-9, 2012, Tallinn, Estonia : abstracts 2012 / p. 68

**Inverse Problems for Simultaneous Determination of Source Terms and Several Scalar Parameters of Fractional Diffusion Equations**

**Janno, Jaan** Inverse Problems : Modelling and Simulation : Extended Abstracts of the IPMS Conference 2024 2025 / p. 167-173  
[https://doi.org/10.1007/978-3-031-87213-6\\_21](https://doi.org/10.1007/978-3-031-87213-6_21)

**Inverse source problem with a posteriori boundary measurement for fractional diffusion equations**

**Janno, Jaan; Kian, Yavar** Mathematical methods in the applied sciences 2023 / p. 15868-15882 <https://doi.org/10.1002/mma.9432>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Inverse source problem with a posteriori boundary measurement for fractional diffusion equations**

**Janno, Jaan; Kian, Yavar** arXiv.org 2022 / 17 p <https://doi.org/10.48550/arXiv.2207.06468>

**Investigating defects in digital circuits by Boolean differential equations**

**Kruus, Helena; Orasson, Elmet; Robal, Tarmo; Ubar, Raimund-Johannes** The 4th International Conference "Distance Learning - Educational Sphere of XXI Century" (DLESC'04) 2004 / p. 432-435

**Keerukate tekstülesannete lahendaja : [riigi teaduspreemia laureaat TTÜ matemaatikainstituudi direktor Jaan Janno]**

**Janno, Jaan; Strandberg, Marek Sirp** 2012 / lk. 22 : foto <https://sirp.ee/s1-artiklid/c9-sotsialia/keerukate-tekstuellesannete-lahendaja/>

**Kullaga legeeritud ränidoodstruktuuride numbriline modelleerimine**

**Niinemets, J.; Veiksaar, E.; Udal, Andres** XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 93-94 [https://www.esther.ee/record=b1322611\\*est](https://www.esther.ee/record=b1322611*est)

**Kõrgema matemaatika kontrolltööd : diferentsiaalvõrandid = Контрольные работы по высшей математике : дифференциальные уравнения**

1989 [https://www.esther.ee/record=b1423694\\*est](https://www.esther.ee/record=b1423694*est)

**Kõrgema matemaatika ülesannete kogu**

**Levin, Aleksander; Puusemp, Peeter; Teeäär, Malle** 1992 [https://www.esther.ee/record=b1062718\\*est](https://www.esther.ee/record=b1062718*est)

**Matemaatika ja matemaatiline statistika [Võrguväljaanne]**

**Janno, Jaan** Eesti Teaduste Akadeemia : Youtube kanal 2020 / video [Matemaatika ja matemaatiline statistika](#)

**Matemaatika üldfüüsika kursuses : metoodiline materjal. II], Harilikud diferentsiaalvõrandid. Tõenäosusteooria ja statistika elemente. Operaatorid kvantmehaanikas**

1987 [https://www.esther.ee/record=b1259742\\*est](https://www.esther.ee/record=b1259742*est)

**Matemaatiline modelleerimine keskkonna erialadele**

**Sikk, Jaak** 2007 [https://www.esther.ee/record=b2199530\\*est](https://www.esther.ee/record=b2199530*est)

**Microdeformation and microtemperature**

**Berezovski, Arkadi; Ván, Peter** Internal variables in thermoelasticity 2017 / p. 175-190 [https://doi.org/10.1007/978-3-319-56934-5\\_13](https://doi.org/10.1007/978-3-319-56934-5_13)  
[Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Minimal realizations of nonlinear time-delay systems**

**Kaldmäe, Arvo; Zbigniew, Bartosiewicz; Kotta, Ülle; Wyrwas, Małgorzata** IEEE transactions on automatic control 2023 / p. 6766 - 6772 <https://doi.org/10.1109/TAC.2023.3240124>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Model reduction in VLSI circuit design**

Rogoza, V.S. Automation, simulation & measurement : 3rd biennal conference : Tallinn, Estonia, October 7-11, 1991. Section S, Simulation = Automatisseerimine, modelleerimine ja mõõtmine : 3. rahvusvaheline konverents / Tallinna Tehnikaülikool 1992 / p. 113-119: ill [https://www.estet.ee/record=b1064031\\*est](https://www.estet.ee/record=b1064031*est)

**Modelling and simulation of human lower-limb motion**

Žigailov, Sergei; Musalimov, Victor; Arjassov, Gennadi; Penkov, Igor International review on modelling and simulations (IREMOS) 2016 / p. 114-123 : ill <https://doi.org/10.15866/iremos.v9i2.8358> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Modified transfer matrix method for steady-state forced vibration : a system of beam elements**

Lahe, Andres Proceedings of the Estonian Academy of Sciences 2020 / p. 235-256 : ill <https://doi.org/10.3176/proc.2020.3.07>

[https://kirj.ee/wp-content/plugins/kirj/pub/proc-2020-3-235-256\\_20200717112033.pdf](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Multiple fault diagnosis with BDD based Boolean differential equations**

Ubar, Raimund-Johannes; Raik, Jaan; Kostin, Sergei; Kõusaar, Jaak BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 77-80 : ill

**New higher order Haar wavelet method : application to FGM structures**

Majak, Jüri; Pohlak, Meelis; Karjust, Kristo; Eerme, Martin; Kurnitski, Jarek; Shvartsman, Boris Composite Structures 2018 / p. 72-78 : tab <https://doi.org/10.1016/j.compstruct.2018.06.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Non-commutative determinants in nonlinear control theory : preliminary ideas**

Kotta, Ülle; Leibak, Alar; Halas, Miroslav ICARCV 2008 : 10th International Conference on Control, Automation, Robotics & Vision : 17-20 December 2008, Hanoi, Vietnam 2008 / p. 815-820 <https://ieeexplore.ieee.org/document/4795622>

**Numerical solution of a class of fractional delay differential equations via haar wavelet**

Aziz, Imran; Amin, Rohul; Majak, Jüri Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 8-12 <http://innomet.ttu.ee/daam/>

**Numerical solution of PDE-s using haar wavelet based methods**

Ratas, Mart 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts 2019 / p. 62

**Numerical solution of stiff ODEs using non-uniform Haar wavelets**

Aziz, Imran; Yasmeen, Shumaila; Tsukrejev, Pavel International Conference of Numerical Analysis and Applied Mathematics, ICNAAM 2018 : 13-18 September 2018, Rhodes, Greece 2019 / art. 330008 <https://doi.org/10.1063/1.5114346> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Observation and stabilisation of coupled time-fractional reaction–advection–diffusion systems with spatially varying coefficients**

Chen, Juan; Tepljakov, Aleksei; Petlenkov, Eduard IET control theory and applications 2020 / p. 3128–3138  
<https://doi.org/10.1049/iet-cta.2020.0520> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Observer design for boundary coupled fractional order distributed parameter systems**

Zhou, Yanjiu; Chen, Juan; Cui, Baotong ICCMA 2019 : proceedings of the 7th International Conference on Control, Mechatronics and Automation 2019 / p. 384-388 : ill <https://doi.org/10.1109/ICCMA46720.2019.8988754>

**On the limit behavior of the integral type functionals from the stochastic differential equation**

Roos, Jelena Zentralblatt für Mathematik 1977 / p. 12-13 [https://www.estet.ee/record=b3200819\\*est](https://www.estet.ee/record=b3200819*est)

**On the transformation of a nonlinear discrete-time input-output system into the strong row-reduced form**

Bartosiewicz, Zbigniew; Belikov, Juri; Kotta, Ülle; Tönsö, Maris; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2016 / p. 220-236 <https://doi.org/10.3176/proc.2016.3.02> [https://artiklid.elnet.ee/record=b2798394\\*est](https://artiklid.elnet.ee/record=b2798394*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Optimal robust filter of uncertain fractional order systems : a penalized deterministic approach**

Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard IEEE Control Systems Letters 2023 / p. 1075 - 1080  
<https://doi.org/10.1109/LCSYS.2022.3230773> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Optimality of theoretical error estimates for spline collocation methods for linear weakly singular Volterra integro-differential equations**

**A parabolic integro-differential identification problem in a barrelled smooth domain**

**Janno, Jaan**; Lorenzi, Alfredo Zeitschrift für Analysis und ihre Anwendungen = Journal for analysis and its applications 2006 / p. 103-130 <https://ems.press/journals/zaa/articles/1069>

**Paraboolsete integrodiferentsiaalvõrrandite positiivsusprintsiiip**

**Janno, Jaan** Aastaraamat 2009 / Eesti Matemaatika Selts 2010 / lk. 35-43

**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](#)

**A positivity principle for parabolic integro-differential equations and final overdetermination**

**Janno, Jaan** Direct, Inverse and Control Problems for PDE's : DICOP : Cortona, 22-26.09.2008 : abstracts 2008 / p. 12 <https://www.aims sciences.org/article/doi/10.3934/ipi.2009.3.17>

**The principle of majorant and a generalized Aitken's method I**

**Koppel, Heino** 1996 [https://www.esther.ee/record=b1070447\\*est](https://www.esther.ee/record=b1070447*est)

**The principle of majorant and a generalized Aitken's method II**

**Koppel, Heino** 1997 [https://www.esther.ee/record=b1059881\\*est](https://www.esther.ee/record=b1059881*est)

**Pöördülesanded mittehomogeensete materjalide ja keskkondade omaduste määramiseks**

**Janno, Jaan** Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 175-186

**Reconstruction of a source term in a parabolic integro-differential equation from final data**

**Kasemets, Kairi; Janno, Jaan** Mathematical modelling and analysis 2011 / p. 199-219

<https://journals.vilniustech.lt/index.php/MMA/article/view/5524>

**Reconstruction of space- and time-dependent sources in fractional wave and diffusion equations by means of overdetermination in a time subinterval**

**Kinash, Natalia; Janno, Jaan** 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts 2019 / p. 37

**Recovering degenerate kernels in hyperbolic integro-differential equations**

**Janno, Jaan**; Lorenzi, Alfredo Zeitschrift für Analysis und ihre Anwendungen = Journal for analysis and its applications 2002 / 2, p. 399-430

**Rippsildade arvutamisest**

**Riismaa, R.; Aare, Johannes** XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 99 [https://www.esther.ee/record=b2449987\\*est](https://www.esther.ee/record=b2449987*est)

**Scale-type estimates for a generalized method of Lavrent'ev regularization**

**Janno, Jaan**; Tautenhahn, Ulrich Journal of inverse and ill-posed problems 2003 / 2, p. 161-190

<https://openurl.ebsco.com/EPDB%3Agcd%3A11%3A16564411/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A10385172&crl=c>

**17th International conference on "Mathematical Modelling and Analysis" : June 6-9, 2012, Tallinn, Estonia : abstracts**

2012 [http://www.esther.ee/record=b2856237\\*est](http://www.esther.ee/record=b2856237*est)

**Solution of fractional order differential equation by the Haar wavelet method. Numerical convergence analysis for most commonly used approach**

**Majak, Jüri; Shwartsman, Boris; Pohlak, Meelis; Karjust, Kristo; Eerme, Martin; Tungel, Ernst** International Conference of Numerical Analysis and Applied Mathematics 2015 (ICNAAM 2015) : 22-28 September 2015, Rhodes, Greece 2016 / p. 480110-1 - 480110-4 <https://doi.org/10.1063/1.4952346> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Solution of nonlinear operator equations by one Aitken type projection-iteration method**

**Koppel, Heino** 1995 [https://www.esther.ee/record=b1067578\\*est](https://www.esther.ee/record=b1067578*est)

**Stabilization and uncertainty analysis of a time-fractional reaction diffusion equation cascaded with a time-fractional hyperbolic partial differential equation**

Chen, Juan; Zhuang, Bo; **Tepljakov, Aleksei; Petlenkov, Eduard** The Asian Journal of Control 2022 / p. 2294-2310 <https://doi.org/10.1002/asjc.2637> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Stabilizing region of fractional-order proportional integral derivative controllers for interval delayed fractional-order plants**  
**Ghorbani, Majid; Tepljakov, Aleksei; Petlenkov, Eduard** Asian Journal of Control 2023 / p. 1145 - 1155  
<https://doi.org/10.1002/asjc.2894> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**State and output feedback boundary control of time fractional pde–fractional ode cascades with space-dependent diffusivity**

Chen, Juan; **Tepljakov, Aleksei; Petlenkov, Eduard**; Chen, Yangquan; Zhuang, Bo IET Control Theory and Applications 2020 / p. 3589 - 3600 <https://doi.org/10.1049/iet-cta.2019.1015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The concepts of Lie derivative for discrete-time systems**

**Mullari, Tanel; Kotta, Ülle; Bartosiewicz, Zbigniew; Pawluszewicz, Ewa** Proceedings of the Estonian Academy of Sciences 2012 / p. 253-265 : ill

**The connection between different static state feedback linearizability conditions of discrete time nonlinear control systems**

**Mullari, Tanel; Kotta, Ülle; Tõnso, Maris** Proceedings of the European Control Conference 2007, Kos, Greece, July 2-5, 2007 2007 / p. 4268-4275 <http://ieeexplore.ieee.org/document/7068444/>

**The distance from stability boundary and reflection vectors [Electronic resource]**

**Nurges, Ülo; Rüstern, Ennu** 2002 American Control Conference : Anchorage, Alaska, May 8-10, 2002 : conference proceedings 2002 / p. 3908-3913 [CD-ROM] <https://ieeexplore.ieee.org/document/1024539>

**Theorem for the limit behavior of the solutions of the diffusion type stochastic differential equation**

**Roos, Jelena** Zentralblatt für Mathematik 1977 / p. 11-12 [https://www.ester.ee/record=b3200819\\*est](https://www.ester.ee/record=b3200819*est)

**Weak formulation based Haar wavelet method for solving differential equations**

**Majak, Jüri; Pohlak, Meelis; Eerme, Martin**; Lepikult, Toomas Applied mathematics and computation 2009 / p. 488-494

**Weak inverse problems for parabolic integro-differential equations containing two kernels**

**Kasemets, Kairi; Janno, Jaan** Electronic journal of differential equations 2014 / p. 1-19

<https://ejde.math.txstate.edu/Volumes/2014/176/kasemets.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The vortex ring problem**

Danaila, Ionut; **Kaplanski, Felix; Sazhin, Sergei** Vortex Ring Models 2021 / p. 1-15 [https://doi.org/10.1007/978-3-030-68150-0\\_1](https://doi.org/10.1007/978-3-030-68150-0_1) [Article collection metrics at Scopus](#) [Article at Scopus](#)

**Ühest diferentsiaalvõrrandist ehitusmaterjalide viskoossuse uurimisel**

**Parts, Aldur; Kivinukk, Andi** XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekanne teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 75-76 [https://www.ester.ee/record=b1322611\\*est](https://www.ester.ee/record=b1322611*est)

**Введение в Муфанг-симметрию**

**Paal, Eugen** 1987 [https://www.ester.ee/record=b1223099\\*est](https://www.ester.ee/record=b1223099*est)

**Движение механических систем при учете уравнений связей общего вида**

**Silde, Oskar; Haitin, Ariel** Пластиичность конструкций : межвузовский сборник высших учебных заведений Эстонской ССР = Konstruktsioonide plastsus 1979 / с. 95-99 [https://www.ester.ee/record=b1276381\\*est](https://www.ester.ee/record=b1276381*est)  
[https://dspace.ut.ee/bitstream/handle/10062/27945/487\\_konstruktsioonide\\_plasti.pdf?sequence=1&isAllowed=y](https://dspace.ut.ee/bitstream/handle/10062/27945/487_konstruktsioonide_plasti.pdf?sequence=1&isAllowed=y)

**Дифференциальные принципы механики на основе уравнения возможной мощности**

**Golst, Georgi; Silde, Oskar** Пластиичность конструкций : межвузовский сборник высших учебных заведений Эстонской ССР = Konstruktsioonide plastsus 1979 / с. 75-81 [https://www.ester.ee/record=b1276381\\*est](https://www.ester.ee/record=b1276381*est)  
[https://dspace.ut.ee/bitstream/handle/10062/27945/487\\_konstruktsioonide\\_plasti.pdf?sequence=1&isAllowed=y](https://dspace.ut.ee/bitstream/handle/10062/27945/487_konstruktsioonide_plasti.pdf?sequence=1&isAllowed=y)

**Дифференциальные уравнения в радиационном мониторинге в зонах АЭС**

**Tõnismägi, Svetlana; Пискунов Л.** Тезисы докладов конференции математиков Белоруссии 1992 / с. 5

**Дифференциальные уравнения состояний равновесия тонкостенных упругих оболочек в послекритической стадии**

**Alumäe, Nikolai** Прикладная математика и механика 1949 / с. 95-106 : таб [https://www.ester.ee/record=b1582396\\*est](https://www.ester.ee/record=b1582396*est)

**Исследование полей, описываемых дифференциальным уравнением параболического типа, при помощи ЭЦВМ**

**Ruga, Lembit; Starkopf, Jüri-Aleksander** Труды по строительной механике : сборник статей. 4 1972 / с. 43-49 : илл [https://www.ester.ee/record=b2190512\\*est](https://www.ester.ee/record=b2190512*est) <https://digikogu.taltech.ee/et/item/954ba96d-4bb5-4802-9eed-3e9b89ea46ae>

**Локализация кратных неисправностей в цифровых схемах методом решения булевых дифференциальных уравнений**

**Ubar, Raimund-Johannes** Системы и средства управления : межвузовский сборник научных трудов 1978 / с. 71-74

[https://www.estor.ee/record=b2642693\\*est](https://www.estor.ee/record=b2642693*est)

**Муфанг-преобразования**

**Paal, Eugen** Фундаментальные взаимодействия : [сборник статей] 1987 / с. 142-158 [https://www.estor.ee/record=b1590575\\*est](https://www.estor.ee/record=b1590575*est)

**Некоторые дифференциальные уравнения движения для систем с линейными уравнениями связей**

**Silde, Oskar; Tšistjakova, Ananda** Математика и теоретическая механика : сборник статей. 9 1976 / с. 31-38

[https://www.estor.ee/record=b2190747\\*est](https://www.estor.ee/record=b2190747*est) <https://digikogu.taltech.ee/et/item/a9fec951-ad1f-4ea0-91d9-9e641b529311>

**Некоторые дифференциальные уравнения движения твердого тела**

**Golst, Georgi** Механика твердого деформируемого тела = Tahke deformeeruva keha mehaanika 1985 / с. 105-114

[https://www.estor.ee/record=b1230083\\*est](https://www.estor.ee/record=b1230083*est)

**Некоторые формулы для нахождения дифференциальных уравнений движения механических систем**

**Haitin, Ariel** Механика твердого деформируемого тела = Tahke deformeeruva keha mehaanika 1985 / с. 129-132 : илл

[https://www.estor.ee/record=b1230083\\*est](https://www.estor.ee/record=b1230083*est)

**О гладкости собственных функций сжатой пластины около угловых точек**

**Pais, Enno** Дифференциальные уравнения : всесоюзный ежемесячный журнал 1973 / с. 1700-1706

**О движении нарастающего слоя частиц по цилиндрической поверхности**

**Tümanok, Aleksei** Математика и теоретическая механика : сборник статей. 7 1973 / с. 75-81 : ил

[https://www.estor.ee/record=b2190580\\*est](https://www.estor.ee/record=b2190580*est) <https://digikogu.taltech.ee/et/item/21dbe945-8f82-454a-940e-322b3fdbe756>

**О неассоциативном расширении теоретико-группового метода на основе луп Муфанг и алгебр Мальцева**

**Paal, Eugen** Международная конференция по алгебре, посвященная памяти А. И. Мальцева (1909-1967), (Новосибирск, 21-26 августа 1989 г.) : тезисы докладов по теории моделей и алгебраических систем 1989 / с. 97

[https://www.estor.ee/record=b1553529\\*est](https://www.estor.ee/record=b1553529*est)

**О неассоциативном расширении теоретико-группового метода на основе луп Муфанг и алгебр Мальцева : автореферат ... кандидата физико-математических наук (01.04.02)**

**Paal, Eugen** 1989 [https://www.estor.ee/record=b1225404\\*est](https://www.estor.ee/record=b1225404*est)

**О неассоциативном расширении теоретико-группового метода на основе луп Муфанг и алгебр Мальцева : диссертация на соискание ученой степени кандидата физико-математических наук**

**Paal, Eugen** 1989 [https://www.estor.ee/record=b4458645\\*est](https://www.estor.ee/record=b4458645*est)

**О некоторых применяемых рядов Ли**

**Arro, Voldemar** XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 34 [https://www.estor.ee/record=b1359832\\*est](https://www.estor.ee/record=b1359832*est)

**О предельном поведении функционалов интегрального типа от решений стохастического дифференциального уравнения**

**Roos, Jelena** Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР.

Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1976 / lk. 8-14

[https://www.estor.ee/record=b1264310\\*est](https://www.estor.ee/record=b1264310*est)

**О решении краевых задач системы дифференциальных уравнений второго порядка методом конечных разностей**

**Jürgenson, Rein, inform.; Jokk, Heiki** Matemaatika- ja mehaanikaalaseid töid = Труды по математике и механике. 9 1970 / с. 276-286 <http://hdl.handle.net/10062/47720>

**О сходимости одного метода коллокационного типа для обыкновенных интегро-дифференциальных уравнений**

**Jartsev, Jüri** Математика и теоретическая механика. 3 1968 / с. 39-47 [https://www.estor.ee/record=b2182206\\*est](https://www.estor.ee/record=b2182206*est)

<https://digikogu.taltech.ee/et/item/f97deffb-f13b-4614-a855-63d5de953256>

**О сходимости разностных методов для обыкновенных дифференциальных уравнений второго порядка и проблемы собственных значений : дис. ... кандидата физико-математических наук**

**Jokk, Heiki** 1973 [http://www.estor.ee/record=b3785273\\*est](http://www.estor.ee/record=b3785273*est)

**О численном решении одной нелинейной системы дифференциальных уравнений**

**Piroženko, Aleksander** III симпозиум "Методы решения нелинейных уравнений и задач оптимизации", [31 января - 3 февраля 1984 года] : доклады и сообщения 1984 / с. 86-87 [https://www.estor.ee/record=b1300129\\*est](https://www.estor.ee/record=b1300129*est)

**Об одном выводе дифференциальных уравнений движения механической системы**  
Haitin, Ariel Вопросы прочности и оптимизации конструкций 1982 / с. 98-106 : илл. [https://www.ester.ee/record=b1304345\\*est](https://www.ester.ee/record=b1304345*est)

**Об оценке погрешности метода сеток при решении нелинейных эллиптических дифференциальных уравнений**  
Jürgenson, Rein, inform. Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1970 / lk. 492-495 [https://www.ester.ee/record=b1264310\\*est](https://www.ester.ee/record=b1264310*est)

**Об учете связей при составлении дифференциальных уравнений движения**  
Maasik, R.; Relvik, Heino XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 111 [https://www.ester.ee/record=b1306141\\*est](https://www.ester.ee/record=b1306141*est)

**Об учете уравнений связей при составлении дифференциальных уравнений движения механической системы**  
Relvik, Heino Математика и теоретическая механика : сборник статей. 9 1976 / с. 65-70 [https://www.ester.ee/record=b2190747\\*est](https://www.ester.ee/record=b2190747*est)  
<https://digikogu.taltech.ee/et/item/a9fec951-ad1f-4ea0-91d9-9e641b529311>

**Об электромагнитном расчете цилиндрического насоса без внутреннего ферромагнитного сердечника**  
Jänes, Hans; Külm, Evald XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и реюме 1965 / с. 80-81 [https://www.ester.ee/record=b1359832\\*est](https://www.ester.ee/record=b1359832*est)

**Перераспределение вещества в поле внешних сил**  
Aarna, Heiti; Mankin, Romi; Reiter, Erik Электрофизические свойства полупроводниковых и диэлектрических материалов 1986 / с. 39-41

**Предельное поведение распределения решения стохастического дифференциального уравнения с коэффициентами, зависящими от всего прошлого процесса**  
Roos, Jelena Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1972 / lk. 347-359  
[https://www.ester.ee/record=b1264310\\*est](https://www.ester.ee/record=b1264310*est)

**Предельные теоремы для решений стохастических дифференциальных уравнений со случайными коэффициентами : автореферат ... кандидата физико-математических наук (01.01.05)**  
Roos, Jelena 1977 [https://www.ester.ee/record=b1526910\\*est](https://www.ester.ee/record=b1526910*est)

**Проблемы моделирования изменений структуры расселения с помощью систем дифференциальных уравнений**  
Marksoo, A. Модели и методы в социально-экономических исследованиях 1985 / с. 5-19

**Результаты исследования сходимости разностных методов для нелинейных дифференциальных уравнений второго порядка на неравномерной сетке**  
Jokk, Heiki Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1974 / с. 86-88  
[https://www.ester.ee/record=b1264310\\*est](https://www.ester.ee/record=b1264310*est) <https://www.etera.ee/zoom/19260/view?page=1&p=separate&tool=info>

**Составление дифференциальных уравнений движения при помощи аналогов кинетической энергии**  
Relvik, Heino Математика и теоретическая механика : сборник статей. 7 1973 / с. 53-62 [https://www.ester.ee/record=b2190580\\*est](https://www.ester.ee/record=b2190580*est)  
<https://digikogu.taltech.ee/et/item/21dbe945-8f82-454a-940e-322b3fdbe756>

**Сходимость разностных методов для нелинейных краевых задач второго порядка. 1**  
Jokk, Heiki Обработка данных, построение трансляторов, вопросы программирования 1983 / с. 133-145  
[https://www.ester.ee/record=b1293913\\*est](https://www.ester.ee/record=b1293913*est) <https://www.etera.ee/zoom/120968/view?page=1&p=separate&search>

**Сходимость разностных методов для нелинейных краевых задач второго порядка. 2**  
Jokk, Heiki Обработка данных, построение трансляторов, вопросы программирования 1983 / с. 147-154  
[https://www.ester.ee/record=b1293913\\*est](https://www.ester.ee/record=b1293913*est) <https://www.etera.ee/zoom/120968/view?page=1&p=separate&search>

**Теорема о предельном поведении решения стохастического дифференциального уравнения диффузионного типа**  
Roos, Jelena Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1974 / lk. 353-361  
[https://www.ester.ee/record=b1264310\\*est](https://www.ester.ee/record=b1264310*est)

**Упрощенный метод расчетного определения характеристик глушителя выпуска двухтактного двигателя**  
Lavrentjev, Jüri Автомобильные дороги и транспорт. 18 1989 / с. 49-57

**Учет связей в методе уравнения возможной мощности (УВМ)**  
Silde, Oskar; Haitin, Ariel Вопросы прочности и оптимизации конструкций 1982 / с. 90-97 : илл.

[https://www.ester.ee/record=b1304345\\*est](https://www.ester.ee/record=b1304345*est)

—步驟全分離的反應—抗體藥物的製造技術

Zhuang, Bo; Cui, Baotong; **Chen, Juan** Control theory & applications 2020 / p. 592-602 <https://doi.org/10.7641/CTA.2019.90061> Journal metrics at Scopus Article at Scopus