

Aastaraamat 1992/1993 / Eesti Matemaatika Selts
1997

Aastaraamat 1999 / Eesti Matemaatika Selts
2001 http://www.ester.ee/record=b1226018*est

Aastaraamat 2002-2003 / Eesti Matemaatika Selts
2007 http://www.ester.ee/record=b1226018*est

Aastaraamat 2005 / Eesti Matemaatika Selts
Puusemp, Peeter 2006 http://www.ester.ee/record=b1226018*est

Aastaraamat 2007 / Eesti Matemaatika Selts
2012 http://www.ester.ee/record=b1226018*est

Aastaraamat 2009 / Eesti Matemaatika Selts
2010 http://www.ester.ee/record=b1226018*est

Aastaraamat 2012 / Eesti Matemaatika Selts
2014 http://www.ester.ee/record=b1226018*est

Algebra Geometry Mathematical Physics VIII
2013

Algebra, geometry and mathematical physics
2011 https://www.ester.ee/record=b5749782*est

Algebra, geometry and mathematical physics : AGMP, Mulhouse, France, October 2011
2014 https://www.ester.ee/record=b4425009*est

Analüütiline geomeetria : õpik kõrgkoolidele
Väljas, Mati 2012 https://www.ester.ee/record=b2756196*est <https://digikogu.taltech.ee/et/Item/5c6478ac-2fb9-4601-a8ad-a6723d60b847>

Ants Särev 100
Puusemp, Peeter Aastaraamat 2002-2003 / Eesti Matemaatika Selts 2007 / lk. 160-161 https://www.ester.ee/record=b1226018*est

Applying non-parametric methods on estimation of medical bills pricing limits
Pihlak, Margus The 10th Tartu Conference on Multivariate Statistics : 28 June - 1 July 2016, Tartu, Estonia : abstracts 2016 / p. 44
https://www-1.ms.ut.ee/tartu16/Abstracts_Pihlak.pdf

Approximation by Shannon sampling operators in terms of an averaged modulus of smoothness
Kivimäki, Andi; **Tamberg, Gert** Proceedings of 10th International Conference on Sampling Theory and Applications 2013 / p. 540-543 <https://www.eurasip.org/Proceedings/Ext/SampTA2013/papers/p540-tamberg.pdf>

Approximation error of generalized Shannon sampling operators with bandlimited kernels in terms of an averaged modulus of smoothness
Tamberg, Gert Kangro - 100 : methods of analysis and algebra : international conference dedicated to the centennial of professor Gunnar Kangro : Tartu, Estonia, September 1-6, 2013 : book of abstracts 2013 / p. 133-134

Approximation error of generalized Shannon sampling operators with bandlimited kernels in terms of an averaged modulus of smoothness
Tamberg, Gert Dolomites research notes on approximation 2013 / p. 74-82 <https://www.emis.de/journals/DRNA/pdf/tamberg-2013-aeg.pdf>

Approximation of multivariate distribution functions
Pihlak, Margus 2007 <http://dspace.ut.ee/handle/10062/452> https://www.ester.ee/record=b2207968*est

Arvutusmeetodid
Janno, Jaan 2008 http://www.ester.ee/record=b2364618*est

Arvutusmeetodid
Vaarmann, Otu 2005 http://www.ester.ee/record=b2067873*est

Arvutusmeetodid : õpik kõrgkoolidele
Janno, Jaan 2016 https://www.ester.ee/record=b4567655*est

Bayesian statistical ionospheric tomography improved by incorporating ionosonde measurements

Norberg, Johannes; Virtanen, Ilkka I.; **Roininen, Lassi**; Vierinen, Juha; **Orispää, Mikko**; Kauristie, Kirsti; **Lehtinen, Markku S.**
Atmospheric measurement techniques 2016 / p. 1859-1869 : ill <https://doi.org/10.5194/amt-9-1859-2016> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bifurcation diagram of the driven asymmetric van der Pol equation

Kongas, Olav; **Engelbrecht, Jüri** Eesti Teaduste Akadeemia Toimetised. Füüsika. Matemaatika 1994 / 2, lk. 123-126: ill
https://artiklid.elnet.ee/record=b2301015*est

Capacity reliability of water distribution systems

Vaabel, Joonas; **Koppel, Tiit**; **Ainola, Leo**; Sarv, Laur Journal of Hydroinformatics 2014 / p. 731-741
<https://doi.org/10.2166/hydro.2013.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A cluster of many small holes with negative imaginary surface impedances may generate a negative refraction index

Alsaedi, Ahmed; Ahmad, Bashir; **Challa, Durga Prasad**; Kirane, Mokhtar; Sini, Mourad Mathematical methods in the applied sciences 2016 / p. 3607-3622 : ill <https://doi.org/10.1002/mma.3805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coassociativity, cohomology and quantum determinant

Oziewicz, Zbigniew; **Paal, Eugen**; Rozanski, Jerzy Algebras, groups and geometries 1995 / p. 99-109
https://www.researchgate.net/publication/269024862_Coassociativity_cohomology_and_quantum_determinant
https://www.ester.ee/record=b3376117*est

A compendium of Lie structures on tensor products

Zusmanovich, Pasha Записки научных семинаров ПОМИ 2013 / p. 40-81

A compendium of Lie structures on tensor products

Zusmanovich, Pasha Journal of mathematical sciences 2014 / p. 266-288 <https://doi.org/10.1007/s10958-014-1855-6> [Journal metrics at Scopus](#) [Article at Scopus](#)

Complex dynamics of cardiac rhythm

Engelbrecht, Jüri; **Kongas, Olav**; Herten, R. von Int. Conf. on Nonlinear Dynamics, Chaotic and Complex Systems, Zakopane, 7-12 Nov., 1995 : book of abstracts 1995 / p. 253

Department of Mathematics

Päeva, Heikki Research activities / Tallinn Technical University 1993 / p. 7-10 https://www.ester.ee/record=b1053754*est

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 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 kaugõppe-üliõpilastele

2003 http://www.ester.ee/record=b1827929*est

Direct scattering by a sound hard small body

Challa, Durga Prasad Imaging, Multi-Scale and High Contrast Partial Differential Equations : Seoul ICM 2014 Satellite Conference Imaging, Multi-scale and High Contrast PDEs, August 7-9, 2014, Daejeon, Korea 2016 / p. 131-138 <http://dx.doi.org/10.1090/conm/660>

Driven oscillators in modelling of heart dynamics

Engelbrecht, Jüri; **Kongas, Olav** Applicable analysis 1995 / p. 119-144

Eessõna:

Puusemp, Peeter Aastaraamat 2009 / Eesti Matemaatika Selts 2010 / lk. 8 http://www.ester.ee/record=b1226018*est

Eesti vanima pasunakoori lugu : Torma puhkpilliorkester 150

1998 https://www.ester.ee/record=b1052800*est

Eksaminandile matemaatika riigieksamist

2000 https://www.ester.ee/record=b1442174*est

Eksaminandile matemaatika riigieksamist

Lõhmus, Ahto; Uudelepp, Helgi; Velsker, Kalle 1999

Eksaminandile matemaatika riigieksamist

Uudelepp, Helgi; **Lõhmus, Ahto** 2013 https://www.ester.ee/record=b1442174*est

Eksaminandile matemaatika riigieksamist : [2001]

2001 https://www.ester.ee/record=b1442174*est

Eksaminandile matemaatika riigieksamist 2014

Uudelepp, Helgi; **Lõhmus, Ahto** 2014 https://www.ester.ee/record=b1442174*est

Eksaminandile matemaatika riigieksamist 2015

Uudelepp, Helgi; **Lõhmus, Ahto** 2015 https://www.ester.ee/record=b1442174*est

Eksaminandile matemaatika riigieksamist 2016

Uudelepp, Helgi; **Lõhmus, Ahto** 2016

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](#)

Enn Nurmiste ja matemaatika

Päeva, Heikki Insenerikultuur Eestis. 2 1995 / lk. 136-141 https://www.ester.ee/record=b1063622*est

Erratum to "On δ -derivations of Lie algebras and superalgebras" [J. Algebra 324 (12) (2010) 3470-3486]

Zusmanovich, Pasha Journal of algebra 2014 / p. 545-546 <https://doi.org/10.1016/j.jalgebra.2013.08.036> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extraction of the index of refraction by embedding multiple small inclusions

Alsaedi, Ahmed; Alzahrani, Faris; **Challa, Durga Prasad**; Kirane, Mokhtar; Sini, Mourad Inverse problems 2016 / art. 045004, p. 1-

18 : ill <http://iopscience.iop.org/0266-5611/32/4/045004> <https://doi.org/10.1088/0266-5611/32/4/045004> [Journal metrics at Scopus](#) [Article at](#)

[Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

5th Junior European Meeting on Control & Information Technology : September 20-22, 2006, Tallinn, Estonia : book of abstracts

2006 http://www.ester.ee/record=b2227133*est

The Foldy-Lax approximation of the scattered waves by many small bodies for the Lamé system

Challa, Durga Prasad; Sini, Mourad Mathematische Nachrichten 2015 / p. 1834-1872 <https://doi.org/10.1002/mana.201400137> [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; Piironen, Petteri arXiv.org 2016 / p. 1-55 : ill <https://arxiv.org/abs/1606.07576v1>

Frederik Vichmann : 22.04.1935-05.08.2013

Puusemp, Peeter Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 360-362

F-seminorms on generalized double sequence spaces defined by modulus functions

Kolk, Enno; **Raidjõe, Annemai** Proceedings of the Estonian Academy of Sciences 2014 / p. 121-132

<https://doi.org/10.3176/proc.2014.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Funktsionaalanalüüsi elementaarkursus

Vichmann, Frederik 2002 http://www.ester.ee/record=b1648643*est

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

General control modulo and Tauberian remainder theorems for $(C, 1)$ summability

Meronen, Olga; Tammerai, Ivar Mathematical modelling and analysis 2013 / p. 97-102

<https://doi.org/10.3846/13926292.2013.758674> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Graph Operad Logic X

2013

A group with commutative group of automorphisms

Puusemp, Peeter Tallinna Tehnikaülikooli Toimetised 1994 / lk. 33-40

Groups of order 32 and their endomorphism semigroups

Puusemp, Peeter; Puusemp, Piret 2015 https://www.ester.ee/record=b4505949*est

Hariliku murru mõistest arusaamine 7. klassis

Kunder, Jana; **Kurvits, Jüri** Koolimatemaatika. XLII 2015 / lk. 61-73 : ill

Harilikud diferentsiaalvõrrandid

Paal, Eugen 2016

High school students' acquisition of knowledge and skills through web-based collaboration

Kurvits, Jüri; Kurvits, Marina The international journal for technology in mathematics education 2013 / p. 95-102

Homological modelling of the electric circuits

Paal, Eugen; Umbleja, Märt Moduli Operads Dynamics II 2014

How Euler would compute the Euler–Poincaré characteristic of a Lie superalgebra

Zusmanovich, Pasha Expositiones mathematicae 2011 / p. 345–360

<https://www.sciencedirect.com/science/article/pii/S0723086911000405>

Insener ja matemaatika

Vaarmann, Otu Insenerikultuur Eestis. 3 1997 / lk. 218-223 https://www.ester.ee/record=b1063622*est

Integraalteisendused

Jõgi, Aksel 2003 http://www.ester.ee/record=b1748177*est

Integraalvõrrandid

Janno, Jaan 2005 https://www.ester.ee/record=b1994248*est

Intersection between Bezier curves : implicitization conception

Piroženko, Aleksander 1995 https://www.ester.ee/record=b1067580*est

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>

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 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 parabolic integro-differential equations with instant and integral conditions = Hetk- ja integraaltingimustega pöördülesanded paraboolsetele integrodiferentsiaalvõrranditele

Kasemets, Kairi 2016 https://www.ester.ee/record=b4573686*est

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

Inverse problems to determine non-homogeneous degenerate memory kernels in heat flow

Pais, Enno 2007 https://www.ester.ee/record=b2298281*est

The inverse Robin boundary value problem in a half-space

Päivärinta, Lassi Juhani; Zubeldia, Miren Applicable analysis 2015 / p. 2565-2587

Investeeringute matemaatika alused

Aasma, Ants; Kurvits, Jüri; Zeltser, Maria 2015 https://www.ester.ee/record=b4515823*est

Ionosonde measurements in Bayesian statistical ionospheric tomography with incoherent scatter radar validation

Norberg, Johannes; Virtanen, Ilkka I.; **Roininen, Lassi** Atmospheric measurement techniques discussions 2015 / p. 9823-9851 : ill

Jacobi operators of quantum counterparts of three-dimensional real Lie algebras over the harmonic oscillator

Paal, Eugen; Virkepu, Jüri Algebra, geometry and mathematical physics 2011 / p. 199-209

Juhusliku vektori asümmeetria ja järsakuse karakteristikud

Pihlak, Margus Aastaraamat 2012 / Eesti Matemaatika Selts 2014 / lk. 23-31

Kompleksmuutuja funktsioonid : õpik kõrgkoolidele

Leibak, Alar 2015 https://www.ester.ee/record=b4493592*est

KRON's one page N/W manual

Paal, Eugen ASTRALGO Science 2015 / p. 1504

Kõrgema matemaatika kontrolltööd : joon- ja pindintegraalid ning väljateooria = Контрольные работы по высшей математике : криволинейные и поверхностные интегралы, теория поля

1993 https://www.ester.ee/record=b1065465*est

Lie algebras with given properties of subalgebras and elements

Zusmanovich, Pasha Algebra, geometry and mathematical physics : AGMP, Mulhouse, France, October 2011 2014 / p. 99-109

https://doi.org/10.1007/978-3-642-55361-5_7 Conference proceedings at Scopus Article at Scopus Article at WOS

Lineaaralgebra

Paal, Eugen 2004 http://www.ester.ee/record=b1926837*est

Lineaaralgebra

Puusemp, Peeter 2008 http://www.ester.ee/record=b2416484*est

Lineaaralgebra : juhend TTÜ kaugõppe-üliõpilastele

2003 https://www.ester.ee/record=b1809243*est

Lineaaralgebra rakendused

Tammeraid, Ivar 1999 http://www.ester.ee/record=b1331263*est

Lineaaralgebra [Võrguteavik] : veebiõpik

Paal, Eugen 2006 https://www.ester.ee/record=b1994639*est <https://digikogu.taltech.ee/et/Item/9b042ff9-519b-4765-8c2b-1df7142664eb>

Location and size estimation of small rigid bodies using elastic far-fields

Al-Musallam, Fadhel; **Challa, Durga Prasad**; Sini, Mourad A Panorama of Mathematics : Pure and Applied : Conference Mathematics and its Applications, November 14-17, 2014, Kuwait University, Safat, Kuwait 2016 / p. 33-46

<http://dx.doi.org/10.1090/conm/658>

Matemaatika : riigieksam 2001

2001 https://www.ester.ee/record=b1229804*est

Matemaatika : riigieksam 2003

2004 https://www.ester.ee/record=b1229804*est

Matemaatika : õppematerjal kaugõppekursuslastele

2002 https://www.ester.ee/record=b1685104*est

Matemaatika kitsa kursuse ülesanded gümnaasiumile : [sisaldab valemeid]

Küüsmaa, Anne; Kasemets, Kairi 2014 https://www.ester.ee/record=b4446959*est

Matemaatika täiendusõpe : valemid ja mõisted

Pallas, Lea 2003 http://www.ester.ee/record=b1840782*est

Matemaatika õpik 9. klassile. I osa

Kaldmäe, Kersti; Kontson, Anneli; Matiisen, Kärt; **Pais, Enno** 2013 https://www.ester.ee/record=b2993764*est

Matemaatika õpik 9. klassile. II osa : uus õppekava

Kaldmäe, Kersti; Kontson, Anneli; Matiisen, Kärt; **Pais, Enno** 2014 https://www.ester.ee/record=b3064488*est

Matemaatika ülesanded sisseastujaile

1994 https://www.ester.ee/record=b1065774*est

Matemaatika ülesandeid sisseastujaile

1997 https://www.ester.ee/record=b1058771*est

Matemaatika ülesandeid sisseastujaile

1995 https://www.ester.ee/record=b1067571*est

Matemaatika ülesandeid sisseastujaile

1996 https://www.ester.ee/record=b1070310*est

Matemaatika ülesannete kogu. 2

1996 https://www.ester.ee/record=b1070288*est

Matemaatiline analüüs

Tammeraid, Ivar 2002 http://www.ester.ee/record=b1682555*est

Matemaatiline analüüs

Tammeraid, Ivar 2001 https://www.ester.ee/record=b1520745*est

Matemaatiline analüüs

1999 https://www.ester.ee/record=b1236968*est

Matemaatiline analüüs. I : juhend TTÜ kaugõppe-üliõpilastele

2006 http://www.ester.ee/record=b1809242*est

Matemaatiline analüüs. II

Tammeraid, Ivar 2003 http://www.ester.ee/record=b1801064*est

Matemaatiline analüüs. II : juhend TTÜ kaugõppe-üliõpilastele

2004 http://www.ester.ee/record=b1884891*est

Matemaatilise füüsika võrrandid

Paal, Eugen 2015

Matrix transformations of certain double sequence classes

Vichmann, Frederik 1998 https://www.ester.ee/record=b1224042*est

Melikyan algebra is a deformation of a Poisson algebra

Melikyan, H.; Zusmanovich, Pasha 3Quantum : Algebra Geometry Information (QQQ Conference 2012) : 10-13 July 2012, Tallinn, Estonia : dedicated to memory of Professor Jean-Louis Loday (1936-2012) 2014 / p. 1-5 <https://doi.org/10.1088/1742-6596/532/1/012019>

Modelling of heart rhythms by methods of nonlinear dynamics

Kongas, Olav XV-th Congress of the International Society of Biomechanics, July 2-6, 1995, Jyväskylä, Finland : book of abstracts 1995 / p. 496-497

Modelling of skewness measure distribution

Pihlak, Margus Statistics in transition new series 2014 / p. 145-152

Moduli Operads Dynamics I

2013

Moduli Operads Dynamics II

2014

Moufang symmetry I. Associators and Axioms identity. Generalized Lie and Maurer-Cartan equations

Paal, Eugen ASTRALGO Science 2016 / art. 1602, [6] p <http://www.astralgo.com/2382-672X/1602.php>

Multiscale analysis of the acoustic scattering by many scatterers of impedance type

Challa, Durga Prasad; Sini, Mourad Zeitschrift für angewandte Mathematik und Physik 2016 / art. 58, p. 1-31 : ill <https://doi.org/10.1007/s00033-016-0652-0> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Määramata integraal

Pallas, Lembit 2005 http://www.ester.ee/record=b2067851*est

Nitrogen content and trends in agricultural catchments in Estonia

lital, Arvo; Klõga, Marija; Pihlak, Margus; Pachel, Karin; Zahharov, Andre; **Loigu, Enn** Agriculture, ecosystems and environment 2014 / p. 44-53 : ill <https://doi.org/10.1016/j.agee.2014.03.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nonlinear dynamics in modeling cardiac arrhythmias
Kongas, Olav 1998 http://www.eester.ee/record=b1060516*est

Nonlinear Fourier analysis for discontinuous conductivities : computational results
Astala, Kari; **Päiväranta, Lassi Juhani;** Reyes, Juan Manuel; Siltanen, Samuli Journal of computational physics 2014 / p. 74-91 : ill

Note on homological modeling of the electric circuits
Paal, Eugen; Umbleja, Märt 3Quantum : Algebra Geometry Information (QQQ Conference 2012) : 10-13 July 2012, Tallinn, Estonia : dedicated to memory of Professor Jean-Louis Loday (1936-2012) 2014 / p. 1-7 <https://doi.org/10.1088/1742-6596/532/1/012022> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Note on star-triangle equivalence in conducting networks
Paal, Eugen; Umbleja, Märt ASTRALGO Science 2015 / p. 1501-1 - 1501-4 : ill

On I-representations of polynomial algebras in quantum matrix spaces of rank 2
Bershtein, Olga Algebras and representation theory 2014 / p. 1083-1093 <https://doi.org/10.1007/s10468-013-9433-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On additive generalisation of Voronoi's theory of perfect forms over algebraic number fields
Leibak, Alar 2006 https://www.eester.ee/record=b2208763*est

On algebraic structure of pre-operad
Kluge, Liivi 2002 https://www.eester.ee/record=b1688674*est

On approximation properties of generalized Kantorovich-type sampling operators
Orlova, Olga; Tamberg, Gert Journal of approximation theory 2016 / p. 73-86 : ill <https://doi.org/10.1016/j.jat.2015.10.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On approximation properties of generalized Kantorovich-type sampling operators
Orlova, Olga; Tamberg, Gert 2015 International Conference on Sampling Theory and Applications (SampTA) : May 25-29, 2015, Washington, DC, USA 2015 / p. 53-57 : ill <http://dx.doi.org/10.1109/SAMPTA.2015.7148849>

On approximation properties of generalized Kantorovich-type sampling operators
Orlova, Olga; Tamberg, Gert International Conference on Wavelets and Applications : June 18-23, 2015, Euler International Mathematical Institute, St. Petersburg, Russia 2015 / p. 56-57

On approximation properties of Kantorovich-type sampling operators
Orlova, Olga; Tamberg, Gert Constructive Functions 2014 : conference and school : book of abstracts 2014 / p. 40-41

On approximation properties of Kantorovich-type sampling operators
Orlova, Olga; Tamberg, Gert Kangro - 100 : methods of analysis and algebra : international conference dedicated to the centennial of professor Gunnar Kangro : Tartu, Estonia, September 1-6, 2013 : book of abstracts 2013 / p. 104-105

On approximation properties of Kantorovich-type sampling operators
Orlova, Olga; Tamberg, Gert 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. 91

On approximation properties of Shannonn sampling operators with bandlimited kernels
Tamberg, Gert; Kivinukk, Andi Constructive Functions 2014 : conference and school : book of abstracts 2014 / p. 51-52

On approximation properties of the generalized sampling operators
Tamberg, Gert International Conference on Wavelets and Applications : June 18-23, 2015, Euler International Mathematical Institute, St. Petersburg, Russia 2015 / p. 92-94

On determinability of some classes of medial quasigroups by their endomorphisms
Leibak, Alar; Puusemp, Peeter 3Quantum : Algebra Geometry Information (QQQ Conference 2012) : 10-13 July 2012, Tallinn, Estonia : dedicated to memory of Professor Jean-Louis Loday (1936-2012) 2014 / p. 1-9 <https://doi.org/10.1088/1742-6596/532/1/012014> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

On endomorphisms of groups of order 32 with maximal subgroups $C_4 \times C_2 \times C_2$

Puusemp, Piret; Puusemp, Peeter Proceedings of the Estonian Academy of Sciences 2014 / p. 105-120

https://artiklid.elnet.ee/record=b2673949*est <https://doi.org/10.3176/proc.2014.2.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On endomorphisms of groups of order 32 with maximal subgroups $C_8 \times C_2$

Puusemp, Piret; Puusemp, Peeter Proceedings of the Estonian Academy of Sciences 2014 / p. 355-371

<https://doi.org/10.3176/proc.2014.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On endomorphisms of groups of order 32 with maximal subgroups C_{24} or C_{42}

Puusemp, Piret; Puusemp, Peeter Proceedings of the Estonian Academy of Sciences 2016 / p. 1-14

<https://doi.org/10.3176/proc.2016.1.04> https://artiklid.elnet.ee/record=b2760708*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On endomorphisms of groups of order 36

Leibak, Alar; Puusemp, Peeter Proceedings of the Estonian Academy of Sciences 2016 / p. 237-254

<https://doi.org/10.3176/proc.2016.3.06> https://artiklid.elnet.ee/record=b2798395*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On high order iterative methods for nonlinear problems

Vaarmann, Otu 1996 https://www.ester.ee/record=b1071369*est

On high order iterative methods for non-linear problems

Vaarmann, Otu Nonlinear mathematical analysis and applications 1998 / p. 275-299

On Lagrange formalism for Lie theory and operadic harmonic oscillator in low dimensions = Lagrange'i formalismist Lie teooriale ja harmooniline operaadostsillaator madalates dimensioonides

Virkepu, Jüri 2009 https://www.ester.ee/record=b2540604*est

On matrix transformations of the double sequence space $I(p; s, t)$

Vichmann, Frederik 1997 https://www.ester.ee/record=b1060515*est

On near and the nearest correlation matrix

Zusmanovich, Pasha Journal of nonlinear mathematical physics 2013 / p. 431-439 <https://doi.org/10.1080/14029251.2013.855050>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On sampling operators defined by Rogosinski, Hann and Blackman windows

Tamberg, Gert 2004 https://www.ester.ee/record=b1953742*est

On sampling operators defined by the Hann window and some of their extensions

Kivinukk, Andi; Tamberg, Gert Sampling Theory in Signal and Image Processing 2003 / p. 235-357

<https://link.springer.com/article/10.1007/BF03549397>

On Shirshov bases of graded algebras

Petrov, Fedor; Zusmanovich, Pasha Israel journal of mathematics 2013 / p. 23-28 <https://doi.org/10.1007/s11856-012-0175-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On some truncated Shannon sampling series

Tamberg, Gert Sampling theory in signal and image processing 2013 / p. 21-32

On summability of double integrals by the Poisson-Abel type methods

Vichmann, Frederik 1996 https://www.ester.ee/record=b1058857*est

On the approximate calculation of double integrals with weight function

Arro, Voldemar 1995 https://www.ester.ee/record=b1067579*est

On the utility of Robinson-Amitsur ultrafilters

Zusmanovich, Pasha Journal of algebra 2013 / p. 268-286 <https://doi.org/10.1016/j.jalgebra.2013.04.024> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On truncation error of Kantorovich-type sampling operators

Tamberg, Gert 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. 128

On window methods in generalized Shannon sampling operators

Kivinukk, Andi; **Tamberg, Gert** New perspectives on approximation and sampling theory : festschrift in honor of Paul Butzer's 85th birthday 2014 / p. 63-85 : ill

On window methods in generalized Shannon sampling operators

Tamberg, Gert FINEST MATH 2014 : Fourth Finnish-Estonian Mathematics Colloquium & Finnish Mathematical Days 2014 : book of abstracts : University of Helsinki, 9-10 January 2014 2014 / p. 14

On δ -derivations of Lie algebras and superalgebras

Zusmanovich, Pasha Journal of algebra 2010 / 12, p. 3470-3486

Operadic Heisenberg-like equation

Paal, Eugen Graph Operad Logic X 2013

Operadic quantization as a tool for discrete geometry

Paal, Eugen; Virkepu, Jüri 3Quantum : Algebra Geometry Information (QQQ Conference 2012) : 10-13 July 2012, Tallinn, Estonia : dedicated to memory of Professor Jean-Louis Loday (1936-2012) 2014 / p. 1-9 <https://doi.org/10.1088/1742-6596/532/1/012023>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Operatsioonianalüüsist ja küberneetikast

Vaarmann, Otu Akadeemia 2015 / lk. 1983-1996 https://artiklid.elnet.ee/record=b2748881*est

Pildinduse matemaatilistest aspektidest

Tamberg, Gert Aastaraamat 2002-2003 / Eesti Matemaatika Selts 2007 / lk. 30-60 : ill https://artiklid.elnet.ee/record=b1072770*est
https://www.ester.ee/record=b1226018*est

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](#)

Preface

Makhlouf, Abdenacer; **Paal, Eugen**; Silvestrov, Sergei; Stolin, Alexander Algebra, geometry and mathematical physics : AGMP, Mulhouse, France, October 2011 2014 / p. vii-ix

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

Koppel, Heino 1996 https://www.ester.ee/record=b1070447*est

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

Koppel, Heino 1997 https://www.ester.ee/record=b1059881*est

Programmi MATHEMATICA TM kasutamisjuhend

1999 https://www.ester.ee/record=b1236972*est

A projection-iteration method of the fourth order

Koppel, Heino 1998 https://www.ester.ee/record=b1061550*est

Põhikooli lõpetajale matemaatika lõpueksamist : 2015

Uudelepp, Helgi 2015

Põhikooli lõpetajale matemaatika lõpueksamist 2014

Uudelepp, Helgi 2014 https://www.ester.ee/record=b1614819*est

Pöördülesanded mittehomogeensete materjalide ja keskkondade omaduste määramiseks

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

q-Tetratransformations in conducting networks

Paal, Eugen ASTRALGO Science 2015 / p. 1503-1 - 1503-2 : ill

Ratsionaalarvudega seotud väärarusaamadest 6. klassi õpilastel

Reitel, Auli; **Kurvits, Jüri** Koolimatemaatika. XLII 2015 / lk. 100-112 : tab

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

Reliability of interior thermal insulation as a retrofit measure in historic wooden apartment buildings in cold climate

Arumägi, Endrik; Pihlak, Margus; Kalamees, Targo Energy procedia 2015 / p. 871-876 : ill

<https://doi.org/10.1016/j.egypro.2015.11.010> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Response characteristics of a cardiac nerve pulse equation stimulated periodically by Dirac delta spikes

Engelbrecht, Jüri; Kongas, Olav; Herten, R. von International Conference on Self-Organization of Complex Structures : From Individual to Collective Dynamics, Berlin, 24-28 September, 1995 : book of abstracts 1995 / p. 35

100 aastat sünnist : Claude Chevalley (1909-1984). Gerhard Gentzen (1909-1945). Stephen Cole Kleene (1909-1994).

Saunders Mac Lane (1909-2005). Anatoli Ivanovič Maltsev (1909-1967). Mark Aranovič Naimark (1909-1978). Stanislaw Marcin Ulam (1909-1984)

Puusepp, Peeter Aastaraamat 2009 / Eesti Matemaatika Selts 2010 / lk. 230-247 : portr https://www.ester.ee/record=b1226018*est

Search for the Pareto point with max-min approach

Tauts, Ants; Krumm, Lembit; Vaarmann, Otu 61st Meeting of the European Working "Multiple Criteria Decision Aiding" : March 10-11, Luxembourg 2005 / p. 14

17. konverents "Mathematical Modelling and Analysis"

Janno, Jaan Aastaraamat 2012 / Eesti Matemaatika Selts 2014 / lk. 141-142

Sequence spaces defined by modulus functions and superposition operators

Raidjõe, Annemai 2006 https://www.ester.ee/record=b2166664*est

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

2012 http://www.ester.ee/record=b2856237*est

Sodankylä ionospheric tomography dataset 2003-2014

Norberg, Johannes; Roininen, Lassi; Kero, A. Geoscientific instrumentation, methods and data systems. Discussions 2015 / p. 385-404 : ill <https://doi.org/10.5194/gid-5-385-2015>

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

Koppel, Heino 1995 https://www.ester.ee/record=b1067578*est

Some classes of finite 2-groups and their endomorphism semigroups = Mõnedest lõplike 2-rühmade klassidest ja nende endomorfismipoolrühmadest

Tamberg, Tatjana 2012 https://www.ester.ee/record=b2756572*est

Stability and uniqueness for a two-dimensional inverse boundary value problem for less regular potentials

Blåsten, Eemeli; Imanuvilov, Oleg Yu; Yamamoto, Masahiro Inverse problems and imaging 2015 / p. 709-723

<https://doi.org/10.3934/ipi.2015.9.709> [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>

Tallinna Tehnikaülikooli matemaatikainstituut 1936-2008

2008 http://www.ester.ee/record=b2394501*est

Tetratransformations in conducting networks

Paal, Eugen; Umbleja, Märt ASTRALGO Science 2015 / p. 1502-1 - 1502-4 : ill

5th International Conference on Optimal [i.e. Operational] Research "Simulation and Optimization in Business and Industry" : May 17-20, 2006, Tallinn, Estonia : programme and abstracts

2006 http://www.ester.ee/record=b2146103*est

The operadic modeling of gauge systems of the Yang-Mills type

Paal, Eugen Reports on mathematical physics 2014 / p. 109-126 : ill [https://doi.org/10.1016/S0034-4877\(14\)60061-6](https://doi.org/10.1016/S0034-4877(14)60061-6) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Three graphical operadic compositions for rooted trees

Paal, Eugen ASTRALGO Science 2015 / p. 1505-1 - 1505-3 : ill

3Quantum : Algebra Geometry Information

Paal, Eugen; Kuusk, Piret; Stolin, Alexander 3Quantum : Algebra Geometry Information (QQQ Conference 2012) : 10-13 July 2012, Tallinn, Estonia : dedicated to memory of Professor Jean-Louis Loday (1936-2012) 2014 / p. 1-7 <https://doi.org/10.1088/1742-6596/532/1/011001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

3Quantum : Algebra Geometry Information (QQQ Conference 2012) : 10-13 July 2012, Tallinn, Estonia : dedicated to memory of Professor Jean-Louis Loday (1936-2012)
2014

Time-varying ionosonde trend : case study of Sodankylä hmF2 data 1957-2014

Roininen, Lassi; Laine, Marko; Ulich, Thomas Journal of geophysical research. Space physics 2015 / p. 6851-6859 : ill <https://doi.org/10.1002/2015JA021176> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

2D binary operadic Lax representation for harmonic oscillator

Paal, Eugen; Virkepu, Jüri Noncommutative structures in mathematics and physics : 22-26 juli 2008 2010 / p. 209-216 https://www.researchgate.net/publication/1913785_2D_binary_operadic_Lax_representation_for_harmonic_oscillator

Tõenäosusteooria ja matemaatiline statistika

Tammeraid, Ivar 2004 http://www.ester.ee/record=b1905886*est

Tõenäosusteooria ja matemaatiline statistika : juhend TTÜ kaugõppe-üliõpilastele

2005 http://www.ester.ee/record=b2055068*est

Valemid ja teoreemid matemaatika riigieksamiks valmistujale

Jõgi, Tiit; Kõiv, Helgi 2015 https://www.ester.ee/record=b4458338*est

Vastustega matemaatika ülesannete kogu riigieksamiks valmistujale

2002 http://www.ester.ee/record=b1715350*est

Vastustega matemaatika ülesannete kogu riigieksamiks valmistujale. 3

2010 http://www.ester.ee/record=b2554345*est

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](#)

Üldalgebra alused : loengukonspekt

Puusemp, Peeter 2002 http://www.ester.ee/record=b1594092*est

Üldalgebra alused : õpik kõrgkoolidele

Puusemp, Peeter 2012 https://www.ester.ee/record=b2768990*est <https://digikogu.taltech.ee/et/Item/efda564d-8bb6-460b-b580-67201df83d29>

Задачи по математике для поступающих

1990 https://www.ester.ee/record=b1193987*est

Математика : 9 класс. Часть 1

Калдмяз, Керсти; Контсон, Аннели; Матийсен, Кярт; **Пайс, Энно** 2013

Математика : 9 класс. Часть 2

Калдмяз, Керсти; Контсон, Аннели; Матийсен, Кярт; **Пайс, Энно** 2014 https://www.ester.ee/record=b3075109*est

О порядке приближения функций одной и многих переменных : автореферат ... кандидата физико-математических наук (01.01.01)

Kivinukk, Andi 1975 https://www.ester.ee/record=b1372106*est

О порядке приближения функций одной и многих переменных : дис. на соиск. учен. степени канд. физ.-мат. наук

Kivinukk, Andi 1974 https://www.ester.ee/record=b3784966*est

Обратные задачи фильтрации сигнала в гравитационно-волновом эксперименте : автореферат ... кандидата физико-математических наук (01.04.03)

Babitšenko, Svetlana 1985 https://www.ester.ee/record=b1531631*est