

**Aastaraamat 1992/1993 / Eesti Matemaatika Selts**  
1997

**Aastaraamat 1999 / Eesti Matemaatika Selts**  
2001 [http://www.ester.ee/record=b1226018\\*est](http://www.ester.ee/record=b1226018*est)

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

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

**Aastaraamat 2007 / Eesti Matemaatika Selts**  
2012 [http://www.ester.ee/record=b1226018\\*est](http://www.ester.ee/record=b1226018*est)

**Aastaraamat 2009 / Eesti Matemaatika Selts**  
**Puusemp, Peeter** 2010 [http://www.ester.ee/record=b1226018\\*est](http://www.ester.ee/record=b1226018*est)

**Aastaraamat 2012 / Eesti Matemaatika Selts**  
2014 [http://www.ester.ee/record=b1226018\\*est](http://www.ester.ee/record=b1226018*est)

**Algebra Geometry Mathematical Physics VIII**  
2013

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

**Approximation by Shannon sampling operators in terms of an averaged modulus of smoothness**  
Kivinukk, 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](https://www.ester.ee/record=b2207968*est)

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

**Arvutusmeetodid**  
**Vaarmann, Otu** 2005 [http://www.ester.ee/record=b2067873\\*est](http://www.ester.ee/record=b2067873*est)

**Arvutusmeetodid : õpik kõrgkoolidele**  
**Janno, Jaan** 2016 [https://www.ester.ee/record=b4567655\\*est](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 <http://dx.doi.org/10.5194/amt-9-1859-2016>

**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](https://artiklid.elnet.ee/record=b2301015*est)

**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 <http://dx.doi.org/10.1002/mma.3805>

**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>

**A compendium of Lie structures on tensor products**

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

**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 [http://www.ester.ee/record=b1053754\\*est](http://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>

**Diferentsiaalvõrrandid : juhend TTÜ kaugõppe-üliõpilastele**

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

**Eesti vanima pasunakoori lugu : Torma puhkpilliorkester 150**

1998 [https://www.ester.ee/record=b1052800\\*est](https://www.ester.ee/record=b1052800*est)

**Eksaminandile matemaatika riigeksamist**

2000 [https://www.ester.ee/record=b1442174\\*est](https://www.ester.ee/record=b1442174*est)

**Eksaminandile matemaatika riigeksamist**

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

**Eksaminandile matemaatika riigeksamist**

Uudelepp, Helgi; **Lõhmus, Ahto** 2013 [https://www.ester.ee/record=b1442174\\*est](https://www.ester.ee/record=b1442174*est)

**Eksaminandile matemaatika riigeksamist : [2001]**

2001 [https://www.ester.ee/record=b1442174\\*est](https://www.ester.ee/record=b1442174*est)

**Eksaminandile matemaatika riigeksamist 2014**

Uudelepp, Helgi; **Lõhmus, Ahto** 2014 [https://www.ester.ee/record=b1442174\\*est](https://www.ester.ee/record=b1442174*est)

**Eksaminandile matemaatika riigeksamist 2015**

Uudelepp, Helgi; **Lõhmus, Ahto** 2015 [https://www.ester.ee/record=b1442174\\*est](https://www.ester.ee/record=b1442174*est)

**Eksaminandile matemaatika riigeksamist 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](https://www.ester.ee/record=b1063622*est)

### **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>

### **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](http://www.ester.ee/record=b2227133*est)

### **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

### **Funktsionaalanalüüsi elementaarkursus**

**Vichmann, Frederik** 2002 [http://www.ester.ee/record=b1648643\\*est](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](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**; **Tammeraid, Ivar** Mathematical modelling and analysis 2013 / p. 97-102

### **Graph Operad Logic X**

2013

### **Groups of order 32 and their endomorphism semigroups**

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

### **Insener ja matemaatika**

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

### **Integraalteisendused**

**Jõgi, Aksel** 2003 [http://www.ester.ee/record=b1748177\\*est](http://www.ester.ee/record=b1748177*est)

### **Integraalvõrrandid**

**Janno, Jaan** 2005 [https://www.ester.ee/record=b1994248\\*est](https://www.ester.ee/record=b1994248*est)

### **Intersection between Bezier curves : implicitization conception**

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

**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](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](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](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

**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](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](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

**Lineaaralgebra**

**Paal, Eugen** 2004 [http://www.ester.ee/record=b1926837\\*est](http://www.ester.ee/record=b1926837*est)

**Lineaaralgebra**

**Puusemp, Peeter** 2008 [http://www.ester.ee/record=b2416484\\*est](http://www.ester.ee/record=b2416484*est)

**Lineaaralgebra : juhend TTÜ kaugõppe-üliõpilastele**

2003 [https://www.ester.ee/record=b1809243\\*est](https://www.ester.ee/record=b1809243*est)

**Lineaaralgebra rakendused**

**Tammeraid, Ivar** 1999 [http://www.ester.ee/record=b1331263\\*est](http://www.ester.ee/record=b1331263*est)

**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](https://www.ester.ee/record=b1229804*est)

**Matemaatika : riigieksam 2003**

2004 [https://www.ester.ee/record=b1229804\\*est](https://www.ester.ee/record=b1229804*est)

**Matemaatika : õppematerjal kaugõppekursuslastele**

2002 [https://www.ester.ee/record=b1685104\\*est](https://www.ester.ee/record=b1685104*est)

**Matemaatika kitsa kursuse ülesanded gümnaasiumile : [sisaldab valemeid]**

Küüasmaa, Anne; Kasemets, Kairi 2014 [https://www.ester.ee/record=b4446959\\*est](https://www.ester.ee/record=b4446959*est)

**Matemaatika täiendusõpe : valemid ja mõisted**

Pallas, Lea 2003 [http://www.ester.ee/record=b1840782\\*est](http://www.ester.ee/record=b1840782*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](https://www.ester.ee/record=b3064488*est)

**Matemaatika õpik 9. klassile. I osa**

Kaldmäe, Kersti; Kontson, Anneli; Matiisen, Kärt; Pais, Enno 2013

**Matemaatika ülesanded sisseastujaile**

1994 [https://www.ester.ee/record=b1065774\\*est](https://www.ester.ee/record=b1065774*est)

**Matemaatika ülesandeid sisseastujaile**

1997 [https://www.ester.ee/record=b1058771\\*est](https://www.ester.ee/record=b1058771*est)

**Matemaatika ülesandeid sisseastujaile**

1995 [https://www.ester.ee/record=b1067571\\*est](https://www.ester.ee/record=b1067571*est)

**Matemaatika ülesandeid sisseastujaile**

1996 [https://www.ester.ee/record=b1070310\\*est](https://www.ester.ee/record=b1070310*est)

**Matemaatika ülesannete kogu. 2**

1996 [https://www.ester.ee/record=b1070288\\*est](https://www.ester.ee/record=b1070288*est)

**Matemaatiline analüüs**

Tammeraid, Ivar 2002 [http://www.ester.ee/record=b1682555\\*est](http://www.ester.ee/record=b1682555*est)

**Matemaatiline analüüs**

Tammeraid, Ivar 2001 [https://www.ester.ee/record=b1520745\\*est](https://www.ester.ee/record=b1520745*est)

**Matemaatiline analüüs**

1999 [https://www.ester.ee/record=b1236968\\*est](https://www.ester.ee/record=b1236968*est)

**Matemaatiline analüüs. I : juhend TTÜ kaugõppe-üliõpilastele**

2006 [http://www.ester.ee/record=b1809242\\*est](http://www.ester.ee/record=b1809242*est)

**Matemaatiline analüüs. II**

Tammeraid, Ivar 2003 [http://www.ester.ee/record=b1801064\\*est](http://www.ester.ee/record=b1801064*est)

**Matemaatiline analüüs. II : juhend TTÜ kaugõppe-üliõpilastele**

2004 [http://www.ester.ee/record=b1884891\\*est](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](https://www.ester.ee/record=b1224042*est)

**Melikyan algebra is a deformation of a Poisson algebra**

Melikyan, H.; Zusanovich, 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

**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 Akivis 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  
<http://dx.doi.org/10.1007/s00033-016-0652-0>

### Määramata integraal

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

### Nonlinear dynamics in modeling cardiac arrhythmias

**Kongas, Olav** 1998 [http://www.ester.ee/record=b1060516\\*est](http://www.ester.ee/record=b1060516*est)

### Nonlinear Fourier analysis for discontinuous conductivities : computational results

**Astala, Kari; Päivärinta, 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

### 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** Algebra and representation theory 2013 / [11] p

### On additive generalisation of Voronoi's theory of perfect forms over algebraic number fields

**Leibak, Alar** 2006 [https://www.ester.ee/record=b2208763\\*est](https://www.ester.ee/record=b2208763*est)

### On algebraic structure of pre-operad

**Kluge, Liivi** 2002 [https://www.ester.ee/record=b1688674\\*est](https://www.ester.ee/record=b1688674*est)

### 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 generalized Kantorovich-type sampling operators

**Orlova, Olga; Tamberg, Gert** Journal of approximation theory 2016 / p. 73-86 : ill <http://dx.doi.org/10.1016/j.jat.2015.10.001>

### 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

### **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://artiklid.elnet.ee/record=b2673949*est)

### **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

### **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  
<http://dx.doi.org/10.3176/proc.2016.1.04> [https://artiklid.elnet.ee/record=b2760708\\*est](https://artiklid.elnet.ee/record=b2760708*est)

### **On endomorphisms of groups of order 36**

**Leibak, Alar; Puusemp, Peeter** Proceedings of the Estonian Academy of Sciences 2016 / p. 237-254  
<http://dx.doi.org/10.3176/proc.2016.3.06> [https://artiklid.elnet.ee/record=b2798395\\*est](https://artiklid.elnet.ee/record=b2798395*est)

### **On high order iterative methods for nonlinear problems**

**Vaarmann, Otu** 1996 [https://www.ester.ee/record=b1071369\\*est](https://www.ester.ee/record=b1071369*est)

### **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](https://www.ester.ee/record=b2540604*est)

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

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

### **On sampling operators defined by Rogosinski, Hann and Blackman windows**

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

### **On Shirshov bases of graded algebras**

**Petrov, Fedor; Zusmanovich, Pasha** Israel journal of mathematics 2013 / p. 23-28

### **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](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](https://www.ester.ee/record=b1067579*est)

### **On the utility of Robinson-Amitsur ultrafilters**

**Zusmanovich, Pasha** Journal of algebra 2013 / p. 268-286

### **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

**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

**Operatsioonianalüüsist ja küberneetikast**

**Vaarmann, Otu** Akadeemia 2015 / lk. 1983-1996 [https://artiklid.elnet.ee/record=b2748881\\*est](https://artiklid.elnet.ee/record=b2748881*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 <http://dx.doi.org/10.1088/0266-5611/32/2/025003>

**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](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](https://www.ester.ee/record=b1059881*est)

**Programmi MATHEMATICA TM kasutamishend**

1999 [https://www.ester.ee/record=b1236972\\*est](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](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](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 <http://dx.doi.org/10.1016/j.wavemoti.2014.08.005>

**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](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

**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 (1909-1084). Gerhard Gentzen (1909-1945). Stephen Cole Kleene (1909-1994). Saunders Mac Lane (1909-2005). Anatoli Ivanovitš Maltsev (1909-1967). Mark Aranovitš Naimark (1909-1978). Stanislaw Marcin Ulam (1909-1984)**

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

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

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

**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](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](http://www.ester.ee/record=b2146103*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

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

**Paal, Eugen** Reports on mathematical physics 2014 / p. 109-126 : ill

**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

**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

**Tõenäosusteooria ja matemaatiline statistika**

**Tammeraid, Ivar** 2004 [http://www.ester.ee/record=b1905886\\*est](http://www.ester.ee/record=b1905886*est)

**Tõenäosusteooria ja matemaatiline statistika : juhend TTÜ kaugõppe-üliõpilastele**

2005 [http://www.ester.ee/record=b2055068\\*est](http://www.ester.ee/record=b2055068*est)

**Valemid ja teoreemid matemaatika riigieksamiks valmistujale**

**Jõgi, Tiiu; Kõiv, Helgi** 2015 [https://www.ester.ee/record=b4458338\\*est](https://www.ester.ee/record=b4458338*est)

**Vastustega matemaatika ülesannete kogu riigieksamiks valmistujale**

2002 [http://www.ester.ee/record=b1715350\\*est](http://www.ester.ee/record=b1715350*est)

**Vastustega matemaatika ülesannete kogu riigieksamiks valmistujale. 3**

2010 [http://www.ester.ee/record=b2554345\\*est](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

**Üldalgebra alused : loengukonspekt**

**Puusemp, Peeter** 2002 [http://www.ester.ee/record=b1594092\\*est](http://www.ester.ee/record=b1594092*est)

**Задачи по математике для поступающих**

1990 [https://www.ester.ee/record=b1193987\\*est](https://www.ester.ee/record=b1193987*est)

**Математика : 9 класс. Часть 2**

Калдмяэ, Керсти; Контсон, Аннели; Матийсен, Кярт; **Пайс, Энно** 2014 [https://www.ester.ee/record=b3075109\\*est](https://www.ester.ee/record=b3075109*est)

**Математика : 9 класс. Часть 1**

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

**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](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](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](https://www.ester.ee/record=b1531631*est)