

Aastaraamat 2002-2003 / Eesti Matemaatika Selts

2007 http://www.ester.ee/record=b1226018*est

Aastaraamat 2007 / Eesti Matemaatika Selts

2012 http://www.ester.ee/record=b1226018*est

Adaptive LINE-P : an adaptive linear energy prediction model for wireless sensor network nodes

Ahmed, Faisal; **Tamberg, Gert**; Le Moullec, Yannick; Annus, Paul Sensors 2018 / art. 1105, 26 p. : ill

<https://doi.org/10.3390/s18041105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An Analysis of Arterial Pulse Wave Time Features and Pulse Wave Velocity Calculations Based on Radial Electrical Bioimpedance Waveforms in Patients Scheduled for Coronary Catheterization

Lotamõis, Kristina; Uuetoa, Tiina; Krivošei, Andrei; Annus, Paul; Metshein, Margus; Rist, Marek; Margus, Sulev; Min, Mart;

Tamberg, Gert Journal of Cardiovascular Development and Disease 2025 / art. 237 <https://doi.org/10.3390/jcdd12070237>

Approximation by generalized Shannon sampling operators generated by band-limited kernels [Electronic resource]

Kivinukk, Andi; **Tamberg, Gert** GAMM2008 : 79th annual Meeting of the International Association of Applied Mathematics and

Mechanics : University of Bremen, 31st March - 4th April 2008 2008 / [CD-ROM] [https://citeseerx.ist.psu.edu/document?](https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=68a3a953a3772a8b74615a8376f4680ad11fc82c)

[repid=rep1&type=pdf&doi=68a3a953a3772a8b74615a8376f4680ad11fc82c](https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=68a3a953a3772a8b74615a8376f4680ad11fc82c)

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 Dolomites research notes on approximation 2013 / p. 74-82 <https://www.emis.de/journals/DRNA/pdf/tamberg-2013-aeg.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

Approximations, Harmonic Analysis, Operators and Sequences : research communications of the workshop held in Narva-Jõesuu, Estonia, October 3-5, 2008

Kivinukk, Andi; **Tamberg, Gert** 2008

Autonomous wireless sensor networks : implementation of transient computing and energy prediction for improved node performance and link quality

Ahmed, Faisal; Kervadec, Corentin; Le Moullec, Yannick; **Tamberg, Gert**; Annus, Paul The Computer Journal 2019 / p. 820 - 837

<https://doi.org/10.1093/comjnl/bxy101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Blackman-type Windows for sampling series

Kivinukk, Andi; **Tamberg, Gert** Journal of computational analysis and applications 2005 / 4, p. 361-372

A construction of a fractional derivative masks for imaging based on generalized Kantorovich sampling operators

Graf, Olga; **Tamberg, Gert** 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn,

Estonia : abstracts 2019 / p. 22 <https://www.digar.ee/viewer/et/nlib-digar:414294/353323/page/23>

Dual-source Linear Energy Prediction (LINE-P) model in the context of WSNs

Ahmed, Faisal; **Tamberg, Gert**; Le Moullec, Yannick; Annus, Paul Sensors 2017 / art. 1666, p. 1-22 : ill

<https://doi.org/10.3390/s17071666> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exact values of truncation errors for generalized sampling operators [Electronic resource]

Tamberg, Gert Proceedings of 9th International Conference on Sampling Theory and Applications 2-6 May 2011, Nanyang

Technological University, Singapore 2011 / [4] p. USB mälupe

Impedance cardiography signal processing with Savitzky-Golay and frequency sampling kernels

Märtens, Olev; Metshein, Margus; **Tamberg, Gert**; Abdullayev, Anar 2022 18th Biennial Baltic Electronics Conference (BEC)

2022 / 5 l. <https://doi.org/10.1109/BEC56180.2022.9935597>

Improved interpolation kernels for super resolution algorithms

Rasti, Pejman; Orlova, Olga; **Tamberg, Gert**; Ozcinar, Cagri 2016 Sixth International Conference on Image Processing Theory,

Tools and Applications : IPTA 2016, Oulu, Finland, December 2016 2017 / [6] p. : ill <https://doi.org/10.1109/IPTA.2016.7820980>

Interpolating generalized Shannon sampling operators, their norms and approximation properties

Kivinukk, Andi; **Tamberg, Gert** Sampling theory in signal and image processing 2009 / 1, p. 77-95

<https://link.springer.com/article/10.1007/BF03549509>

Interpolating generalized Shannon sampling operators, their norms and approximation properties [Electronic resource]

Kivinukk, Andi; Tamberg, Gert SampTA07 : Sampling Theory and Applications : 7th International Conference Sampling Theory and Applications : June 1-5, 2007, Thessaloniki, Greece 2007 / ? p. [CD-ROM] <https://link.springer.com/content/pdf/10.1007/BF03549509.pdf>

Modeling and implementation of linear energy prediction for energy harvesting in intermittently powered wireless sensor nodes = Katkendliku toitega traadita sensorsõlmede energiakorje tulemuse lineaarne ennustus, modelleerimine ja rakendused

Ahmed, Faisal 2018 <https://digi.lib.ttu.ee/i/?9955> https://www.ester.ee/record=b5056543*est

A new low-complexity patch-based image super-resolution

Rasti, Pejman; Nasrollahi, Kamal; **Orlova, Olga; Tamberg, Gert**; Ozcinar, Cagri; Moeslund, Thomas B.; Anbarjafari, Gholamreza IET computer vision 2017 / p. 567-576 : ill <https://doi.org/10.1049/iet-cvi.2016.0463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A note on the cosine operator function for Mellin sampling series

Kivinukk, Andi; **Tamberg, Gert** Sampling theory signal processing and data analysis 2024 / 16 p <https://doi.org/10.1007/s43670-023-00081-7>

On approximation error of the truncated generalized Shannon sampling operators

Tamberg, Gert 3rd Dolomites Workshop on Constructive Approximation and Applications (DWCAA12) : Alba di Canazei, September 9-14, 2012 : schedule and book of abstracts 2012 / p. 99

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 <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 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 sampling operators defined by dilated kernels [Electronic resource]

Kivinukk, Andi; **Tamberg, Gert** SampTA09 : Sampling Theory and Applications : 8th international conference on Sampling Theory and Applications : Marseille, France, May 18-22, 2009 2009 / ? p. [CD-ROM] <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=45e625ccd7349cf439236c937cbc9e08c162dcb6>

On approximation properties of Shannon sampling operators with averaged and dilated bandlimited kernels

Tamberg, Gert I Jaen Conference on Approximation Theory : Úbeda, Jaén, Spain, July 4th-9th, 2010 : [abstracts] 2010 / p. 171-172 <https://scispace.com/pdf/on-approximation-properties-of-sampling-operators-defined-by-4znlyu8490.pdf>

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 approximation properties of the generalized sampling operators

Tamberg, Gert Functional Methods in Approximation Theory and Operator Theory III : August 22-26, 2009, Volyn, Ukraine 2009 / p. 93-94

On approximation properties of the generalized Shannon sampling operators generated by band-limited kernels

Tamberg, Gert 2nd Dolomites Workshop on Constructive Approximation and Applications : DWCAA09 : Alba di Canazei, Trento (Italy), September 4-9, 2009 : book of abstracts 2009 / p. 42

On Blackman-Harris windows for Shannon sampling series

Kivinukk, Andi; Tamberg, Gert Sampling theory in signal and image processing 2007 / 1, p. 87-108

<https://link.springer.com/article/10.1007/BF03549465>

On Blackman-Harris windows for Shannon sampling series [Electronic resource]

Kivinukk, Andi; Tamberg, Gert 6th International Congress of Industrial and Applied Mathematics (ICIAM07) : Zürich, 16-20 July 2007 2007 / ? p. [CD-ROM] <https://link.springer.com/article/10.1007/BF03549465>

On generalized Blackman-Harris sampling operators

Tamberg, Gert; Graf, Olga Sampling Theory and Applications 2017 : 12th International Conference : Tallinn, Estonia, July 3-7 : program and abstracts 2017 / p. 49

On generalized Blackman-Harris sampling operators [Electronic resource]

Tamberg, Gert; Orlova, Olga 2017 International Conference on Sampling Theory and Applications (SampTA) : 12th International Conference : Tallinn, Estonia, July 3-7 : [abstracts] 2017 / p. 50. [USB]

On generalized Blackman-Harris sampling operators [Online resource]

Graf, Olga; Tamberg, Gert 2017 International Conference on Sampling Theory and Applications (SampTA) : 12th International Conference : Tallinn, Estonia, July 3-7 : [proceedings] 2017 / p. 418-421 <https://doi.org/10.1109/SAMPTA.2017.8024377>

On generalized Shannon sampling operators in the cosine operator function framework

Kivinukk, Andi; Tamberg, Gert Sampling, approximation, and signal analysis : harmonic analysis in the spirit of J. Rowland Higgins 2023 / p. 39-68 https://doi.org/10.1007/978-3-031-41130-4_3

On norms of some Shannon sampling operators

Tamberg, Gert Approximations, Harmonic Analysis, Operators and Sequences : research communications of the workshop held in Narva-Jõesuu, Estonia, October 3-5, 2008 2008 / p. 45-47

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 sampling series based on some combinations of sinc functions

Kivinukk, Andi; Tamberg, Gert Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2002 / 4, p. 203-220

On some norms and approximation properties of Kantorovich-type sampling operators

Graf, Olga; Tamberg, Gert 2019 International Conference on Sampling Theory and Applications (SampTA) : 13th International Conference : Bordeaux, France, July 8-12, 2019 : [proceedings] 2019 / 4 p <https://sampta2019.sciencesconf.org/browse/author?authorid=715157>

On some truncated Shannon sampling series

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

On subordination principles for generalized Shannon sampling series [Electronic resource]

Kivinukk, Andi; Tamberg, Gert SampTA09 : Sampling Theory and Applications : 8th international conference on Sampling Theory and Applications : Marseille, France, May 18-22, 2009 2009 / ? p. [CD-ROM]

https://www.researchgate.net/publication/41219024_On_Subordination_Principles_for_Generalized_Shannon_Sampling_Series

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 truncation errors of some generalized Shannon sampling operators

Tamberg, Gert Numerical algorithms 2010 / 2/3, p. 367-382

On variation detracting property of certain sampling operators

Kivinukk, Andi; **Tamberg, Gert** Международная конференция : Теория приближений : ММИ им. Л. Эйлера Санкт-Петербург, 6-8 мая 2010 г. : тезисы докладов 2010 / p. 122-124

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

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

Reducible dictionaries for single image super-resolution based on patch matching and mean shifting

Rasti, Pejman; Nasrollahi, Kamal; **Orlova, Olga**; **Tamberg, Gert**; Moeslund, Thomas B.; Anbarjafari, Gholamreza Journal of electronic imaging 2017 / p. 023024-1 - 023024-8 : ill <https://doi.org/10.1117/1.JEI.26.2.023024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sampling Theory and Applications 2017 : 12th International Conference : Tallinn, Estonia, July 3-7 : program and abstracts

2017

Sampling theory in signal and image processing [Electronic resource]

2018 <http://stsip.org/>

Shannon sampling series with averaged kernels

Kivinukk, Andi; **Tamberg, Gert** Proceedings of Conference Sampling Theory and Applications : June 1-5, Thessaloniki, Greece 2009 / p. 86-95 <https://www.yumpu.com/en/document/view/13309869/shannon-sampling-series-with-averaged-kernels1-1->

Shannon sampling series with averaged kernels [Electronic resource]

Kivinukk, Andi; **Tamberg, Gert** SampTA07 : Sampling Theory and Applications : 7th International Conference Sampling Theory and Applications : June 1-5, 2007, Thessaloniki, Greece 2007 / ? p. [CD-ROM] <https://www.yumpu.com/en/document/view/13309869/shannon-sampling-series-with-averaged-kernels1-1->

2017 International Conference on Sampling Theory and Applications (SampTA) : 12th International Conference : Tallinn, Estonia, July 3-7 : [proceedings] [Online resource]

2017

Truncated Shannon sampling operators

Tamberg, Gert III Jaen Conference on Approximation Theory : Úbeda, Jaén, Spain, July 15th-20th, 2012 2012 / p. 40-42

Truncated Shannon sampling operators

Tamberg, Gert 17th International conference on "Mathematical Modelling and Analysis" : June 6-9, 2012, Tallinn, Estonia : abstracts 2012 / p. 126

Tuulegeneraatoritest ja Lamb'i lainetest

Tamberg, Gert Aastaraamat 2010 / Eesti Matemaatika Selts 2012 / lk. 10-19 : ill

2017 International Conference on Sampling Theory and Applications (SampTA) : 12th International Conference : Tallinn, Estonia, July 3-7 : [abstracts] [Electronic resource]

2017