

Absolute convergence with speed and matrix transforms

Aasma, Ants; Natarajan, Pinnangudi N. TWMS Journal of applied and engineering mathematics 2024 / p. 1109-1120

<https://jaem.isikun.edu.tr/web/index.php/archive/125-vol14no3/1241-absolute-convergence-with-speed-and-matrix-transforms> [Journal metrics at Scopus](#) [Article at Scopus](#)

An overview of the theoretical fundamentals and developments of the efficiency matrix

Siimann, Paavo Business analysis, accounting, taxes and auditing 2011 / p. 256-268 : ill

Asymptotic matrix methods: in statistical inference problems

Dunajeva, Olga 2011 <https://www.amazon.com/Asymptotic-Matrix-Methods-Statistical-Inference/dp/3846599824>

Badania przestrzennej struktury ekonomicznej efektywnosci gospodarowania. (Metodologiczne podstawy geografii efektywnosci ekonomicznej)

Mereste, Uno Przegląd geograficzny 1983 / 1, lk. 116-135 https://www.ester.ee/record=b2589335*est

Biocomposites materials based on lignocellulosic fibres and thermoplastic matrices

Süld, Tiia-Maaja; Viikna, Anti PPS-24 : The Polymer Processing Society 24th Annual Meeting : June 15-19, 2008, Salerno, Italy : program and proceedings 2008 / p. 976-978

Certified parsing of regular languages

Firsov, Denis; Uustalu, Tarmo Certified Programs and Proofs : Third International Conference, CPP 2013, Melbourne, VIC, Australia, December 11-13, 2013, Proceedings 2013 / p. 98 - 113 https://doi.org/10.1007/978-3-319-03545-1_7 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Characterization of A-statistical convergence with speed

Aasma, Ants 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. 42

Circuit partitioning method for FPGAs

Krupnova, Helena; Saucier, Gabriele Proceedings of the Estonian Academy of Sciences. Engineering 1997 / 4, p. 283-292

Computation of nonlinear eigenvalues based on the Ore determinant : preliminary results

Halás, Miroslav; **Kaldmäe, Arvo; Kotta, Ülle**; Slacka, Juraj Proceedings of the Estonian Academy of Sciences 2024 / p. 366 - 378 <https://doi.org/10.3176/proc.2024.4.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Convergence acceleration and improvement by regular matrices

Aasma, Ants Current topics in summability theory and applications 2016 / p. 141-180 http://dx.doi.org/10.1007/978-981-10-0913-6_4

D/A interface for 16*16 vector modulator matrix

Marjonen, Jouko; Aberg, Markku BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 257-260: ill

Data-driven matrix forms

Tepandi, Jaak Data processing, compiler writing, programming 1986 / p. 31-42 https://www.ester.ee/record=b1275336*est <https://digikogu.taltech.ee/et/Item/2f07e0bc-df93-4429-80b8-c48c8a98986b>

Data-driven model predictive techniques for unknown linear time invariant systems

Ghorbani, Majid IEEE Control Systems Letters 2024 / p. 199 - 204 <https://doi.org/10.1109/LCSYS.2024.3359068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of the improved method of grids

Arjassov, Gennadi; Baraškova, Tatjana; Gornostajev, Dmitri; Petritšenko, Andres Annals of DAAAM for 2011 & proceedings of the 22nd International DAAAM Symposium "Intelligent Manufacturing & Automation : Power of Knowledge and Creativity" : 23-26 November 2011, Vienna, Austria 2011 / p. 565-566 https://www.researchgate.net/publication/367889054_Development_of_the_Improved_Method_of_Grids

Estimation of the improved method of grids and application for dynamic solution

Arjassov, Gennadi; Baraškova, Tatjana; Gornostajev, Dmitri DAAAM International scientific book 2013 2013 / p. 571-586 : ill https://www.daaam.info/Downloads/Pdfs/science_books_pdfs/2013/Sc_Book_2013-031.pdf

Evaluating NTT/INTT implementation styles for post-quantum cryptography

Imran, Malik; Khan, Safiullah; Khalid, Ayesha; Rafferty, Ciara; Ali Shah, Yasir; Pagliarini, Samuel; Rashid, Muhammad; O'Neill, Maire IEEE Embedded Systems Letters 2024 / p. 485 - 488 <https://doi.org/10.1109/LES.2024.3410516> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of matrix seriation algorithms

Liiv, Innar Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 33-34

Factorable matrix transforms of summability domains of Cesaro matrices

Aasma, Ants International journal of contemporary mathematical sciences 2011 / p. 2201-2206

Generalization of the method of finite differences

Arjassov, Gennadi; Baraškova, Tatjana; Gornostajev, Dmitri; Petritšenko, Andres Annals of DAAAM for 2010 & proceedings of the 21st International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Interdisciplinary Solutions" : 20-23rd October 2010, Zadar, Croatia 2010 / p. 547-548 : ill
https://www.researchgate.net/publication/288134159_Generalization_of_the_method_of_finite_differences

Hiai, Fumio. Matrix analysis and quantum information : [review]

Zentralblatt MATH 2018 / [1] p <https://zbmath.org/?q=1390.15075>

Holistlik süsteemiarendus süsteemmatriksi abil

Eessaar, Erki A & A 2005 / 2, lk. 21-39 https://artiklid.elnet.ee/record=b1017792*est

Indispositions at the design of interdisciplinary systems

Tähemaa, Toivo; Kaljas, Frid; Martin, Andres; Reedik, Vello Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 66-69

Information flow matrices

Vapper, Tiit Data processing, compiler writing, problems of programming 1989 / p. 77-83

Interpretability improvement of Fuzzy systems : reducing the number of unique singletons in Zeroth order Takagi-Sugeno systems

Riid, Andri; Rüstern, Ennu WCCI 2010 IEEE World Congress on Computational Intelligence : July, 18-23, Barcelona, Spain : proceedings 2010 / p. 2913-2018 : ill <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=2d2002fb7518da488fde49a2eeeb7a109438a04c>

Juhusliku vektori asümmeetria ja järsakuse karakteristikud

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

Keerukuspraktikast

Leis, Paul Arvutustehnika ja Andmetöötlus 1996 / 10, lk. 7-21; 11, lk. 9-18; 12, lk. 16-23: ill

Kommunikatsiooniprotsessi uurimise võimalused suhete matriksi abil

Ausmees, Heinrich IV kõrgemate koolide vaheline sotsialistlike majandusorganisatsioonide juhtimise probleemide konverents, Tallinn, 16. ja 17. oktoober 1975 : teesid 1975 / lk. 38-42 https://www.ester.ee/record=b1311172*est

Kontsentrilised analüütilised matriksid kui majandusanalüüsi süvendamise ja automatiseerimise instrumendid

Saarepera, Maimu Rakendusmajandusteaduste õpetamise meetodika arvuti kasutamise tingimusi : teaduslik-metoodilise seminarõpidamise teeside kogumik 1986 / lk. 80-82 https://www.ester.ee/record=b1222316*est

Kontsentrilised matriksimudelid majandusanalüüsis

Saarepera, Maimu Rakendusstatistika 1988 / lk. 42-100 https://www.ester.ee/record=b1510355*est

Kontsentriliste analüütiliste matriksimodelite kasutamine sotsialistliku võistluse tulemuste hindamisel

Saarepera, Maimu Võistlusprotsesside modelleerimine = Моделирование соревновательных процессов : (teoreetiline otsing ja praktilised lahendused) : vabariiklik teaduslik-praktiline konverents (Tallinn, 29.-30. oktoober 1987. aasta) : materjalide kogumik. 2. osa 1987 / lk. 266-270 : ill https://www.ester.ee/record=b1228466*est

Korrelatsioon- ja regressioonanalüüs : teooria matriksalgebra alustega

Vensel, Vello 1978 https://www.ester.ee/record=b1183721*est

Kuidas ökonoomsemalt lahendada lineaarse planeerimise ülesannet?

Übi, Evald Aastaraamat 2012 / Eesti Matemaatika Selts 2014 / lk. 32-41

Laterally pumped GaAs/AlGaAs quantum wells as sources of broadband terahertz radiation

Reeder, Reeno; Ikonic, Zoran; Harrison, Paul; **Udal, Andres; Velme, Enn** Journal of applied physics 2007 / [6] p. : ill
<https://pubs.aip.org/aip/jap/article/102/7/073715/987937/Laterally-pumped-GaAs-AlGaAs-quantum-wells-as> <https://doi.org/10.1063/1.2783779>

Lineaaralgebra

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

Lineaaralgebra rakendused

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

Lineaaralgebra rakendused

Tammeraid, Ivar 2003 https://www.ester.ee/record=b1331263*est

Liu, Chaoyu; Qiao, Zhonghua; Zhang, Qian. Multi-phase image segmentation by the Allen-Cahn Chan-Vese model : [review]

Henno, Jaak Zentralblatt MATH 2024 / 1 p. <https://zbmath.org/1545.94010>

Maatriksalgoritmide tähtsusest ehitismehaanikas

Eek, Raimond Õppemetoodika küsimusi ; 10 1973 / lk. 79-86 https://www.ester.ee/record=b1346720*est

Maatrikstuletis ja -integraal

Pihlak, Margus Aastaraamat 2009 / Eesti Matemaatika Selts 2010 / lk. 22-34

Matriisi lähestymistapa sisäisessä laskentatoimessa

Root, Andres Tuotantotalouden tutkimuksella tuottavuuteen : Tuotantotalouden konferenssi Tallinnan teknillisessä korkeakoulussa, 28.11-1.12. 1989 1990 / 16, [2] s. : kuvat https://www.ester.ee/record=b1353841*est

Matrix analysis of economic activity of Baltic republics between 1970-1985

Luur, H.A. 1st Conference of the EACES : 27-29 Sept., Università di Verona, Italia 1990

Matrix transformations of certain double sequence classes

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

Matrix transformations of summability and absolute summability fields of matrix methods : abstract of the investigations presented to obtain the academic degree of a Doctor of Mathematics

Aasma, Ants 1993 https://www.ester.ee/record=b1063707*est

Matrix transformations of summability fields of normal regular matrix methods

Aasma, Ants Tallinna Tehnikaülikooli Toimetised 1994 / lk. 3-10

Matrix transforms between sequence spaces defined by speeds of convergence

Aasma, Ants; Natarajan, Pinnangudi N. Filomat 2023 / p. 1029-1036 <https://doi.org/10.2298/FIL2304029A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Matrix transforms between subspaces of summability domains of matrices determined by speed of convergence

Aasma, Ants; Natarajan, Pinnangudi N. Indian Journal of Mathematics 2023 / p. 323-341 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185908862&partnerID=40&md5=68a63c99a7ea221800fbd95b5e6b032b> [Journal metrics at Scopus](#) [Article at Scopus](#)

Matrix transforms by factorable matrices

Aasma, Ants Journal of advances in applied & computational mathematics 2018 / p. 1-11 <http://dx.doi.org/10.15377/2409-5761.2018.05.1>

Matrix transforms from the set of sequences bounded with speed into the speed-maddox spaces over ultrametric fields

Natarajan, Pinnangudi N.; Aasma, Ants Filomat 2025

Matrix transforms into the set of a-absolutely convergent sequences with speed and the regularity of matrices on the subspaces of C

Aasma, Ants; Natarajan, Pinnangudi N. WSEAS transactions on mathematics 2024 / p. 60-67 <https://doi.org/10.37394/23206.2024.23.7> [Journal metrics at Scopus](#) [Article at Scopus](#)

Matrix transforms into the speed-Maddox spaces over ultrametric fields

Natarajan, Pinnangudi; Aasma, Ants Analele Stiintifice ale Universitatii Al I Cuza din Iasi - Matematica 2025 / p. 71-79 <https://doi.org/10.47743/anstima.2025.00006> [https://www.math.uaic.ro/~annalsmath/pdf-uri_anale/F1\(2025\)/6%20F1%202025.pdf](https://www.math.uaic.ro/~annalsmath/pdf-uri_anale/F1(2025)/6%20F1%202025.pdf)

Matrix transforms into the subsets of Maddox spaces defined by speed

Natarajan, Pinnangudi N.; Aasma, Ants WSEAS transactions on mathematics 2025 / p. 82-89 <https://doi.org/10.37394/23206.2025.24.11>

Matrix transforms of A-statistically convergent sequences with speed

Aasma, Ants Filomat 2013 / p. 1385-1392 <https://doi.org/10.2298/FIL1308385A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal](#)

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

Matrix transforms of speed-summable and speed-bounded sequences

Aasma, Ants; Natarajan, Pinnangudi N. Facta Universitatis, Series : Mathematics and Informatics 2023 / p. 805-816
<https://doi.org/10.22190/FUMI230614052A>

Matrix transforms of subspaces of summability domains of matrices defined by speed of convergence

Aasma, Ants; Natarajan, Pinnangudi N. Filomat 2023 / p. 10209-10218

<https://journal.pmf.ni.ac.rs/filomat/index.php/filomat/article/view/21559> <https://doi.org/10.2298/FIL2330209A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Matrix transforms of summability domains of normal series-to-series matrices

Aasma, Ants Journal of advances in applied & computational mathematics 2014 / p. 35-39

Matrix transforms of summability domains of Zweier method

Aasma, Ants Journal of advances in applied & computational mathematics 2018 / p. 12-15 <http://dx.doi.org/10.15377/2409-5761.2018.05.2>

Matrix transforms of the set of α -absolutely convergent sequences with speed

Aasma, Ants; Natarajan, Pinnangudi N. Serdica mathematical journal 2024 / p. 137-150 <https://doi.org/10.55630/serdica.2024.50.137-150>

Matrix transforms of α -absolutely AA -summable sequences

Aasma, Ants; Natarajan, Pinnangudi N. WSEAS transactions on mathematics 2024 / p. 836-847

<https://doi.org/10.37394/23206.2024.23.92> <https://doi.org/10.37394/23206.2024.23.86> [Journal metrics at Scopus](#) [Article at Scopus](#)

Matrix transforms of λ -boundedness domains of the Zweier method

Aasma, Ants; **Dutta, Hemen** TWMS Journal of applied and engineering mathematics 2020 / p. 28-37

https://jaem.isikun.edu.tr/web/images/articles/vol.10-Special_Issue/04.pdf <https://jaem.isikun.edu.tr/web/index.php/archive/107-vol10-special-issue/582-matrix-transforms-of-boundedness-domains-of-the-zweier-method> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Michailichenko group of matrices over skew-fields

Leibak, Alar Математицки весник = Matematički Vesnik 2019 / p. 155–161 <http://www.vesnik.math.rs/vol/mv191210.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mitmemõõtmeliste jaotusfunktsioonide lähendamine

Pihlak, Margus Aastaraamat 2007 / Eesti Matemaatika Selts 2012 / lk. 38-39

Modeling flow of funds for Estonia

Tammeraid, Tuuli 2002 https://www.ester.ee/record=b1715438*est

[müü]-faster convergence and [müü]-acceleration of convergence by regular matrices

Aasma, Ants Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / 4, p. 195-209

On acceleration and improvement of convergence by regular matrices

Aasma, Ants 5th International Conference on Optimal Research "Simulation and Optimization in Business and Industry" : May 17-20, 2006, Tallinn, Estonia : programme and abstracts 2006 / p. 45

On A-statistical convergence with speed

Aasma, Ants IECMSA 2013 : Second International Eurasian Conference on Mathematical Sciences and Applications : August 26-29, 2013, Sarajevo, Bosnia and Herzegovina : abstract book 2013 / p. 53

On integrability of observable space for discrete-time analytic systems

Kawano, Yu; **Kotta, Ülle** 2015 54th IEEE Conference on Decision and Control (CDC) : date: 15-18 Dec. 2015 2015 / p. 7137 - 7142
<https://doi.org/10.1109/CDC.2015.7403345> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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

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

On the acceleration of convergence by regular matrix methods

Aasma, Ants Proceedings of the Estonian Academy of Sciences 2008 / 1, p. 3-17

Pattern discovery using seriation and matrix reordering : a unified view, extensions and an application to inventory management = Mustrite avastamine kasutades järjestamist ning maatriksi ümberkorrastamist: unifiitseeritud vaade, edasiarendused ning rakendus ladude juhtimises

Liiv, Innar; Kuusik, Rein, inform. 2008 https://www.ester.ee/record=b2402187*est

Prasad, Kalika; Mahato, Hrishikesh. **Cryptography using generalized Fibonacci matrices with affine-Hill cipher** : [review]
Henno, Jaak Zentralblatt MATH 2023 / 1 p. <https://www.zbmh.org/1506.94060>

Properties of nonlinear power system models that are symmetrically configured in the narrow sense
Segev, Elior; Ofir, Ron; Levron, Yoash; Belikov, Juri 2023 IEEE Power & Energy Society General Meeting (PESGM) : 16-20 July 2023 (2023) 2023 <https://doi.org/10.1109/PESGM52003.2023.10252373>

Realities in interdisciplinary systems design
Kaljas, Frid; Källo, R.; Reedik, Vello Proceedings of Nord Design 2004 : Conference Product Development in Changing Environment held in August 18-20, Tampere, Finland 2004 / p. 251-259

Seriation and matrix reordering methods : an historical overview
Liiv, Innar Statistical analysis and data mining 2010 / 2, p. 70-91 : ill http://innar.com/Liiv_Seriation.pdf

Some Classes of Matrix Transformations between the Subsets of Maddox Spaces Defined by Speed
Aasma, Ants; Natarajan, Pinnangudi N. WSEAS transactions on systems 2024 / p. 508-516 <https://doi.org/10.37394/23202.2024.23.52>
[https://wseas.com/journals/systems/2024/b065102-034\(2024\).pdf](https://wseas.com/journals/systems/2024/b065102-034(2024).pdf) Journal metrics at Scopus Article at Scopus

Some classes of matrix transforms connected with subspaces of Maddox spaces defined by speeds of convergence
Natarajan, Pinnangudi N.; Aasma, Ants Filomat 2024 / p. 8039-8046 <https://doi.org/10.2298/FIL2423039N>
<https://www.pmf.ni.ac.rs/filomat-content/2024/38-23/38-23-3-24287.pdf> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Some classes of matrix transforms of summability domains of normal matrices
Aasma, Ants Filomat 2012 / p. 1023-1028
https://www.researchgate.net/publication/268007500_Some_classes_of_matrix_transforms_of_summability_domains_of_normal_matrices

Some classes of matrix transforms of summability fields of Cesaro and Riesz methods
Aasma, Ants Conference on Summability and Applications 2011 : At Istanbul Commerce University Conference Hall, May 12-13, 2011 : programme and book of abstracts 2011 / p. 30
https://www.researchgate.net/publication/268007500_Some_classes_of_matrix_transforms_of_summability_domains_of_normal_matrices

Some classes of matrix transforms related to speed-Maddox spaces over ultrametric fields
Natarajan, Pinnangudi N.; Aasma, Ants Acta et commentationes Universitatis Tartuensis de mathematica 2025 / p. 79-86
<https://doi.org/10.12697/ACUTM.2025.29.05>

Some factorable matrix transforms of summability and absolute summability domains of normal matrices
Aasma, Ants 17th International conference on "Mathematical Modelling and Analysis" : June 6-9, 2012, Tallinn, Estonia : abstracts 2012 / p. 11

Some inclusion theorems for absolute summability
Aasma, Ants Applied mathematics letters 2012 / p. 404-407 <https://www.sciencedirect.com/science/article/pii/S089396591100423X>

Some more results on matrix transform between speed-Maddox spaces over ultrametric fields
Natarajan, Pinnangudi N.; Aasma, Ants WSEAS transactions on mathematics 2025 / p. 542-550
<https://doi.org/10.37394/23206.2025.24.54>

Some notes on improvement of convergence by regular matrices
Aasma, Ants International Conference of Mathematical Sciences : 04-10 August 2009, Istanbul, Turkey : abstract book 2009 / p. 107
<https://openaccess.maltepe.edu.tr/entities/publication/aad274eb-d974-4ee3-92a1-f78ea5ae9212>

Some notes on matrix transform of summability domains of Cesaro matrices
Aasma, Ants Mathematical modelling and analysis 2010 / 2, p. 153-160
https://www.researchgate.net/publication/233161341_Some_Notes_on_Matrix_Transforms_of_Summability_Domains_of_Cesaro_Matrices

Some remarks on convergence improvement by regular matrices
Aasma, Ants International Conference on Operational Research : Simulation and Optimisation in Business and Industry : May 17-20, 2006, Tallinn, Estonia 2006 / p. 95-99

Some theorems on matrix transforms between speed-Maddox spaces
Natarajan, Pinnangudi N.; Aasma, Ants Filomat 2025 / p. 8265-8272 <https://doi.org/10.2298/FIL2524265N> <https://www.pmf.ni.ac.rs/filomat-content/2025/39-24/39-24-2-28422.pdf>

Stability for switched dynamic hybrid system

Symbolic solution algorithms of mechanic matrix equations

Arjassov, Gennadi; Baraškova, Tatjana; Petritšenko, Andres Annals of DAAAM for 2009 & proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Theory, Practice and Education" : 25-28th November 2009, Vienna, Austria 2009 / p. 1701-1702 : ill

Symbolic solutions algorithms of mechanic matrix equations

Arjassov, Gennadi OST-98 Symposium on Machine Design, Oulanka, Finland, October 1-3, 1998 : proceedings 1998 / p. 119-122

Symmetry in the narrow sense: on the linearity and time-invariance of DQ0 models

Segev, Elior; Ofir, Ron; **Belikov, Juri**; Levron, Yoash IEEE Transactions on Power Systems 2023 / p. 1751-1754

<https://doi.org/10.1109/TPWRS.2022.3229873> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tabelpesadega indeksmaatriksid sidusanalüüsis

Vensel, Vello; Lüll, Toivo Sotsiosünergeetika ja informaatika : vabariikliku teaduslik-praktilise seminari (Tallinn, 17. veebruar 1989. a.) teeside kogumik = Sociosynergetics and informatics : proceedings of the Republican Scientific Seminar held in Tallinn on Feb. 17., 1989 = Социосинергетика и информатика : сборник тезисов республиканского научно-практического семинара (Таллинн, 17 февраля 1989 г.) 1989 / lk. 107-113 https://www.ester.ee/record=b1204331*est

Test set minimization using bipartite graphs

Markus, Antti; Raik, Jaan; Ubar, Raimund-Johannes BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 175-178: ill

The transfer matrix and the boundary element method

Lahe, Andres Proceedings of the Estonian Academy of Sciences. Engineering 1997 / 1, p. 3-12: ill

The usage of the matrix model for banks performance analysis

Vensel, Vello Workshop on Modelling the Economies of the Baltic Republics, 12-13 September, Vilnius 1996 / [24] p

The usage of the matrix model for Estonian Banks performance analysis

Vensel, Vello Materials of the Workshop on Modelling the Economies of the Baltic Republics, Antwerpen, 29-31 January 1997 1997 / [24] p

Towards information-theoretic visualization evaluation measure: a practical example for Bertin's matrices

Liiv, Innar Proceedings of the ACM CHI (ACM Conference on Human Factors in Computing Systems) 2010 Conference : April 10-11, 2010, Atlanta, GA, US 2010 <https://dl.acm.org/doi/10.1145/2110192.2110196>

Transformation of the transfer matrix of the nonlinear system into the Jacobson form

Belikov, Juri; Kotta, Ülle; Leibak, Alar Proceedings of the 2010 IRAST International Congress on Computer Applications and Computational Science (CACs 2010) : 4-6 December 2010, Singapore 2010 / p. 495-498

Transforming a set of nonlinear input-output equations into Popov form

Bartosiewicz, Zbigniew; **Kotta, Ülle**; Pawluszewicz, Ewa; **Tönso, Maris**; Wyrwas, Małgorzata 2015 54th IEEE Conference on Decision and Control (CDC) : date: 15-18 Dec. 2015 2015 / p. 7131 - 7136 <https://doi.org/10.1109/CDC.2015.7403344> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Tuotantotalouden tutkimuksella tuottavuuteen : tuotantotalouden konferenssi Tallinnan teknillisessä korkeakoulussa : 28.11.-1.12.1989

1990 https://www.ester.ee/record=b1353841*est

Two remarks on Bravais manifolds

Tammela, Paul Journal of Soviet Mathematics 1976 / p. 689-691 : ill <https://doi.org/10.1007/BF01092513> [Journal metrics at Scopus](#) [Article at Scopus](#)

Using Edgeworth expansion approximating two- and three-dimensional probability distribution functions

Pihlak, Margus 2011 World Congress on Engineering and Technology (CET) Oct. 28 - Nov. 2, 2011, Shanghai, China 2011 / [4] p. https://www.engii.org/cet2011submission/files/upload/maatik_2011042820091607296.pdf

Uute mustrite avastamine järjestamise ja maatriksi ümberkorraldamisega : [autori doktoritööst]

Liiv, Innar Inseneria 2009 / 8(9), lk. 44-46 : ill https://artiklid.elnet.ee/record=b1140684*est

Versatile direct and transpose matrix multiplication with chained operations : an optimized architecture using circulant matrices

lakymchuk, Taras; Rosado-Munoz, Alfredo; Mompean, Manuel Bataller; Villora, Jose Vicente Frances; **Osimiry, Emmanuel Ovie** IEEE Transactions on Computers 2016 / p. 3470 - 3479 <https://doi.org/10.1109/TC.2016.2538235> [Journal metrics at Scopus](#) [Article at](#)

Visual matrix explorer for collaborative seriation

Liiv, Innar; Õpik, Rain; Übi, Jaan; Stasko, John Wiley interdisciplinary reviews : computational statistics 2012 / p. 85-97
<https://www.deepdyve.com/p/wiley/visual-matrix-explorer-for-collaborative-seriation-Mc5ryKrGod>

A visual model of the CRUD matrix

Torim, Ants Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 2 2011 / p. 114-121 : ill

Ühiskondliku koguprodukti tootmise ja tarbimise maatriksbilanss : õppevahend [majandusteaduskonna üliõpilastele]

Renter, Olav 1978 https://www.ester.ee/record=b1277922*est

Üldistatud pöördmaatriksi arvutamise programm

Luczkowski, Teodor; Võhandu, Leo XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 149 https://www.ester.ee/record=b2449987*est

Алгоритм постепенного расположения

Võhandu, Leo; Kallion, J.; Kollin, A. Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 105-106
https://www.ester.ee/record=b1319482*est

Быстрый поиск на битматрицах

Võhandu, Leo; Võhandu, Priit Обработка данных, построение трансляторов, вопросы программирования 1983 / с. 49-60
https://www.ester.ee/record=b1293913*est <https://www.etera.ee/zoom/120968/view?page=1&p=separate&search>

Вращение объектов вокруг x, y и z оси на экране дисплея

Loitme, Olev Методы и алгоритмы цифровой обработки сигналов 1988 / с. 25-30

Вычисление определителей, решение систем линейных уравнений и обращение матриц путем последовательного нахождения миноров

Eek, Raimond Труды по строительной механике : сборник статей. 1 1966 / с. 109-120 : илл
https://www.ester.ee/record=b2182122*est <https://digikogu.taltech.ee/et/Item/d20122d7-7c61-4757-8fbb-4c7574b6358a>

Генератор матричных отчетов

Aus, T.; Räbovõitra, M.; Tombak, Mati Труды Вычислительного центра 1974 / с. 23-29 : ил https://www.ester.ee/record=b1181233*est

Изложение теории методов И.Г. Бубнова и П.Ф. Папковича по расчету судовых перекрытий и матричной символике

Trunov, Jevgeni Труды по строительной механике : сборник статей. 1 1966 / с. 81-92 : илл
https://www.ester.ee/record=b2182122*est <https://digikogu.taltech.ee/et/Item/d20122d7-7c61-4757-8fbb-4c7574b6358a>

К методологии построения матричной модели кругооборота фондов (средств) строительной организации

Sokk, T.; Raudsepp, Vambola Статистика и экономический анализ 1977 / с. 77-83 : илл https://www.ester.ee/record=b1309508*est
<https://digikogu.taltech.ee/et/Item/97c01d52-3148-45bc-a11e-6c8e2ad5e912>

К численному обращению матрицы проводимостей

Kukk, Vello Труды по электротехнике и автоматике : сборник статей. 9 1971 / с. 35-42 : илл
https://www.ester.ee/record=b2190156*est <https://digikogu.taltech.ee/et/Item/945ec07e-d7b0-466e-bc24-6ad904a829e9/>

Канонические гибридные матрицы омовских многополюсников

Sillamaa, Hanno Труды по электротехнике и автоматике : сборник статей. 11 1973 / с. 3-10
https://www.ester.ee/record=b2190624*est <https://digikogu.taltech.ee/et/Item/d6e57925-e104-44e1-a218-c5b3110d9996>

Матрица жесткости для ортотропной прямоугольной балки-стенки переменной толщины

Eek, Raimond; Raukas, Uusi Статические и динамические методы анализа пластин и оболочек 1984 / с. 23-30 : ил
https://www.ester.ee/record=b1513177*est <https://digikogu.taltech.ee/et/Item/b3b9ea4a-074a-483e-bbaa-e387c7dfa79e>

Матрица сопротивления датчика э.д.с. Холла

Naak, Heldur; Heinrichsen, Vladimir Труды по электротехнике и автоматике : сборник статей. 3 1965 / с. 3-12 : илл
https://www.ester.ee/record=b2181992*est <https://digikogu.taltech.ee/et/Item/ac7c42ac-6151-4dbe-bbe3-9dfe68adbce1>

Матрицы Фурье и обобщенная форма прямого произведения

Gurjanov, Boriss Машинное проектирование электронных устройств и систем 1989 / с. 25-32

Матрицы Фурье на обобщенном ядре

Gurjanov, Boris; Belkina, I. I. Методы и алгоритмы цифровой обработки сигналов 1988 / с. 70-75

Матричная концепция изучения экономической эффективности : (на примере сравнительного анализа динамики эффективности производства европейских стран-членов СЭВ с 1970 по 1977 гг.)

Mereste, Uno Изучение эффективности производства 1981 / с. 15-44 https://www.ester.ee/record=b1292917*est
<https://digikogu.taltech.ee/et/Item/375f2b60-994f-4a06-b0ef-a1c9c759c3ee>

Матричная концепция эффективности производства и система обобщающих показателей

Root, Andres Эффективность производства и капитальных вложений 1983 / с. 19-30 https://www.ester.ee/record=b1270499*est
<https://digikogu.taltech.ee/et/Item/58961c3c-44aa-41cf-bcb8-6182e0936749>

Матричное моделирование экономической эффективности общественного производства

Mereste, Uno Моделирование управления производством : материалы всесоюзного научного семинара 1980 / с. 126-130
https://www.ester.ee/record=b1294444*est

Матричные модели планирования подготовки рабочей силы

Tartu, Ülo Модели и методы в социально-экономических исследованиях 1985 / с. 21-29 https://www.ester.ee/record=b1301835*est
<https://digikogu.taltech.ee/et/Item/be7e585c-4598-4b3b-bd0c-0814a1124114>

Матричные преобразования обобщенных последовательностей

Lamp, Jüri Очерки по обработке информации и функциональному анализу 1971 / с. 73-80
https://www.ester.ee/record=b1356667*est <https://digikogu.taltech.ee/et/Item/a431c49f-a972-4e58-916b-947eea59962d>

Матричный вариант метода последовательных приближений : посвящается памяти Бориса Николаевича Горбунова

Narets, Leo Труды по строительной механике : сборник статей. 3 1970 / с. 39-46 : илл https://www.ester.ee/record=b2189980*est
<https://digikogu.taltech.ee/et/Item/cb50984d-414d-4d6b-bd3f-9e9456870054>

О возможности развития э-метода с применением λ-матриц

Narhurim, Ilja Труды по строительной механике : сборник статей. 2 1967 / с. 29-54 : илл https://www.ester.ee/record=b2182184*est
<https://etera.ee/zoom/120512/view>

О кольце матриц с умножением типа свертки

Abel, Mati Очерки по обработке информации и функциональному анализу 1971 / с. 59-72 https://www.ester.ee/record=b1356667*est
<https://digikogu.taltech.ee/et/Item/a431c49f-a972-4e58-916b-947eea59962d>

О консервативности матриц относительно сходимости по мере

Vichmann, Frederik 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 1971 / lk. 275-278
https://www.ester.ee/record=b1264310*est

О некоторых теоретических и практических вопросах применения методики матричного анализа эффективности хозяйственной деятельности

Alver, Jaan Интенсификация и эффективизация производства 1989 / с. 65-78

О преобразовании матрицы предшествования в векторы предшествования

Liib, Donald Обработка данных, построение трансляторов, вопросы программирования 1983 / с. 95-109 : ил
https://www.ester.ee/record=b1293913*est <https://www.etera.ee/zoom/120968/view?page=1&p=separate&search>

О распаде систем канонических уравнений строительной механики

Narets, Leo 1957 https://www.ester.ee/record=b1391677*est <https://digikogu.taltech.ee/et/Item/fb5c74ec-98ae-47e4-bd15-8396e3c36c47/>

О теоремах тауберова типа с остаточным членом

Tammeraid, Ivar Математика и теоретическая механика : сборник статей. 6 1971 / с. 27-38
https://www.ester.ee/record=b2190307*est <https://digikogu.taltech.ee/et/Item/b812cdda-ad26-4110-ae61-73d6775b97c0/>

Об аппроксимации оценки матрицы : [краткое сообщение]

Jaaksoo, Ülo 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. 300-303
<https://www.etera.ee/zoom/19201/view?page=1&p=separate&tool=info>

Об обращении матриц методом ортогонализации на ЭВМ СМ-4

Pungar, Eda-Tiia Методы и алгоритмы цифровой обработки сигналов 1988 / с. 31-34

Построение контрольной последовательности для управляющих автоматов, реализованных на программируемых логических матриц

Kaširova, Lilia; Kruus, Margus; Ellervee, Peeter Машинное проектирование электронных устройств и систем 1989 / с. 77-88

Приложение матричного варианта метода последовательных приближений к решению линейных и нелинейных дифференциальных уравнений и их систем

Tšudinova, Žanna Труды по строительной механике : сборник статей. 3 1970 / с. 47-56 : илл

https://www.ester.ee/record=b2189980*est <https://digikogu.taltech.ee/et/Item/cb50984d-414d-4d6b-bd3f-9e9456870054>

Применение теплицевых матриц при обработке перекрывающихся импульсов

Lumberg, Tõnu; Sullakatko, Toomas Методы обработки и регистрации сигналов 1981 / с. 13-17 : илл

https://www.ester.ee/record=b1507633*est <https://digikogu.taltech.ee/et/Item/b58bba27-822f-44c3-8387-50d8a26bb3d3>

Применение упорядоченности в теории матричных преобразований обобщенных последовательностей

Lamp, Jüri Очерки по обработке информации и функциональному анализу 1971 / с. 81-86

https://www.ester.ee/record=b1356667*est <https://digikogu.taltech.ee/et/Item/a431c49f-a972-4e58-916b-947eea59962d>

Статистический анализ некоторых итогов матричного моделирования эффективности общественного производства : (на примере народного хозяйства СССР за 1960-1981 гг.)

Gorodetskaja, T.; Malõhhiin, V.; Mihhailov, A. Матричное моделирование и комплексный анализ результатов хозяйствования

1985 / с. 51-61 https://www.ester.ee/record=b1301824*est <https://digikogu.taltech.ee/et/Item/2ca961b0-8129-43e7-9d8d-087531bbd3fa>

Структура матрицы эффективности

Fleiderviš, Mihhail Матричное моделирование и комплексный анализ результатов хозяйствования 1985 / с. 129-136

https://www.ester.ee/record=b1301824*est <https://digikogu.taltech.ee/et/Item/2ca961b0-8129-43e7-9d8d-087531bbd3fa>

Теоретические основы построения алгоритма процесса уравнивания величин при разработке отчетного матричного баланса n-объектного комплекса : (в условиях выборочного наблюдения)

Linnaks, Erik Статистика и экономический анализ 1977 / с. 65-76 : илл https://www.ester.ee/record=b1309508*est

<https://digikogu.taltech.ee/et/Item/97c01d52-3148-45bc-a11e-6c8e2ad5e912>

Фурье- и Хаараподобные матрицы

Gurjanov, Boris Обработка сигналов на базе микропроцессоров и микро-ЭВМ : тезисы докладов третьей секции

республиканской научно-технической конференции "Применение микропроцессоров в народном хозяйстве" 1988 / с. 14-15

https://www.ester.ee/record=b1224197*est

Численное решение матричного уравнения Ляпунова

Raiend, Kullo Расчет и проектирование приборов, устройств и систем технической кибернетики 1980 / с. 115-119

https://www.ester.ee/record=b1264145*est <https://digikogu.taltech.ee/et/Item/81bf2178-a9f8-417d-86c7-2000cca6a01e>

Экономическая эффективность производства и ее матричное моделирование : (на примере легкой промышленности Эстонской ССР) : автореферат ... кандидата экономических наук (08.00.05)

Root, Andres 1983 https://www.ester.ee/record=b1269563*est

Экономическая эффективность производства и ее матричное моделирование : (на примере легкой промышленности Эстонской ССР) : специальность 08.00.05 - экономика, организация управления и планирования народного хозяйства : диссертация на соискание ученой степени кандидата экономических наук

Root, Andres 1982 https://www.ester.ee/record=b4462694*est