

Aegridade spektraalanalüüs : metoodiline materjal

1981 https://www.ester.ee/record=b1309381*est

Analysis and reproduction of a signal's periodic components by means of an extended block-adaptive Fourier analyzer

Ronk, Ants IEEE transactions on instrumentation and measurement 2003 / 1, p. 13-19 : ill <https://ieeexplore.ieee.org/document/1191405>

Avastati Universumi kaugeim objekt

Krustok, Jüri Eesti Päevaleht 2000 / 18. märts, lk. 17 <https://epl.delfi.ee/artikkel/50784965/avastati-universumi-kaugeim-objekt>

Bulk and surface characterisation techniques of solar absorbers : general discussion

Andreasen, Jens Wenzel; Breternitz, Joachim; Bär, Marcus; Dale, Phillip J.; Dimitrievska, Mirjana; Fermin, David J.; Fleck, Nicole; Hages, Charles J.; Havryliuk, Yevhenii; Hawkins, Cara; **Mandati, Sreekanth** Faraday Discussions 2022 / p. 180-201
<https://doi.org/10.1039/D2FD90056D>

Combined FE and two dimensional spectral analysis of broken cage faults in induction motors

Martinez, Javier; **Belahcen, Anouar**; Arkkio, Antero Proceedings : IECON 2013 - 39th Annual Conference of the IEEE Industrial Electronics Society : Vienna, Austria, 10-14 November, 2013 2013 / p. 2674-2679 : ill <https://ieeexplore.ieee.org/document/6699553>

Competitive binding of natural amphiphiles with graphene derivatives

Radic, Slaven; Geitner, Nicholas K.; Podila, Ramakrishna; **Käkinen, Aleksandr**; Chen, Pengyu; Ke, Pu Chun; Ding, Feng Scientific reports 2013 / art. 2273 <https://doi.org/10.1038/srep02273> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Controlling chirogenic effects in porphyrin based supramolecular systems: theoretical analysis versus experimental observations

Osadchuk, Irina; **Luts, Hanna-Eliisa**; **Zahharova, Aleksandra**; **Tamm, Toomas**; **Borovkov, Victor** ChemPhysChem 2024 / art. e202400104 <https://doi.org/10.1002/cphc.202400104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Critical analysis of uncertainty relations based on signal duration and spectrum width

Udal, Andres; **Kukk, Vello**; **Velmre, Enn** Elektronika ir elektrotehnika = Electronics and electrical engineering 2009 / p. 31-34 : ill https://www.ester.ee/record=b1200105*est <https://eejournal.ktu.lt/index.php/elt/article/view/10098>

Decomposition of the EBI signal into components using two channel cross-compensating singular spectrum analysis

Krivošei, Andrei; **Min, Mart**; **Annus, Paul**; **Butsenko, Maksim** 2018 IEEE International Symposium on Medical Measurements and Applications (MeMeA 2018) : proceedings : Rome, Italy, June 11-13, 2018 2018 / 5 p. : ill

Digitaalse spektraalanalüüsi meetodid

Meister, Ants A & A 2006 / 6, lk. 55-61

Discrete spectral analysis for solitary waves

Engelbrecht, Jüri; **Salupere, Andrus**; Kalda, J.; Maugin, Gerard Wave propagation : flow, sound, structures and their interactions 1997 / [40] p

Discrete spectral analysis for solitary waves

Engelbrecht, Jüri; **Salupere, Andrus**; Kalda, Jaan; Maugin, Gerard Acoustic interactions with submerged elastic structures. Part 2, Propagation, ocean acoustics and scattering 2001 / p. 1-40

Energy levels determination of Zn(O,Se) thin films

Abdalla, Akram; **Danilson, Mati**; **Mikli, Valdek**; **Bereznev, Sergei** Materials science in semiconductor processing 2023 / art. 107137 <https://doi.org/10.1016/j.mssp.2022.107137> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimation of removed uremic toxin indoxyl sulphate during hemodialysis by using optical data of the spent dialysate

Holmar, Jana; **Uhlin, Nils Fredrik Arne**; **Ferenets, Rain**; **Lauri, Kai**; **Tanner, Risto**; **Arund, Jürgen**; **Luman, Merike**; **Fridolin, Ivo** The 2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) proceedings 2013 / p. 6707-6710 : ill <https://doi.org/10.1109/EMBC.2013.6611095> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Experimental observation of quantum many-body excitations of E8 symmetry in the Ising chain ferromagnet CoNb2O6

Amelin, Kirill; Engelmayer, Johannes; Viirik, Johan; Nagel, Urmas; Rõõm, Toomas; Lorenz, Thomas; Wang, Zhe Physical review B 2020 / art. 104431, 5 p. : ill <https://doi.org/10.1103/PhysRevB.102.104431>

Fault path detection using a spectral method

Porwik, Piotr BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 315-318: ill

A line-broadening free real-time 31P pure shift NMR method for phosphometabolomic analysis

Kaup, Karl Kristjan; **Toom, Lauri**; Truu, Laura; **Miller, Sten**; Puurand, Marju; Tepp, Kersti; Käämbre, Tuuli; Reile, Indrek Analyst 2021 / art. 7034, p. 5502–5507 : ill <https://doi.org/10.1039/d1an01198g>

Long-term stability of resting state EEG-based linear and nonlinear measures

Pöld, Toomas; Peäske, Laura; Hinrikus, Hiie; Lass, Jaanus; **Bachmann, Maie** International journal of psychophysiology 2021 / p. 83-87 <https://doi.org/10.1016/j.jpsycho.2020.11.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modular system for spectral analysis of time-variant impedances

Rist, Marek; Reidla, Marko; Land, Raul; **Parve, Toomas**; **Märtens, Olev**; **Annus, Paul**; **Ojarand, Jaan**; **Min, Mart** 6th European Conference of the International Federation for Medical and Biological Engineering : MBEC 2014, 7-11 September 2014, Dubrovnik, Croatia 2015 / p. 858-861 : ill https://doi.org/10.1007/978-3-319-11128-5_213 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Moduleeritud signaalide spektraalanalüüs : metoodiline juhend raadiotehniliste ahelate ja signaalide laboratoorse töö sooritamiseks

1988 https://www.ester.ee/record=b1231481*est

Multisine dynamic EBI spectrum analyser for in vivo experiments

Min, Mart; **Märtens, Olev**; **Parve, Toomas** Medical & biological engineering & computing 1999 / Suppl. 2, Proceedings of the European Medical & Biomedical Engineering Conference : EMBEC'99 : November 4-7, 1999, Vienna, Austria. Part 1, p. 144-145

Negative group velocity in solids

Tamm, Kert; **Peets, Tanel**; **Engelbrecht, Jüri**; **Kartofelev, Dmitri** Wave motion 2017 / p. 127-138 : ill <https://doi.org/10.1016/j.wavemoti.2016.04.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Non-linear analysis of the electro-encephalogram for detecting effects of low-level electromagnetic fields

Bachmann, Maie; **Kalda, Jaan**; **Lass, Jaanus**; **Tuulik, Viuu**; Säkki, Maksim; **Hinrikus, Hiie** Medical & biological engineering & computing 2005 / 1, p. 142-149 : ill <https://link.springer.com/article/10.1007/BF02345136>

Observation of E8 articles in an Ising chain antiferromagnet

Zhang, Zao; **Amelin, Kirill**; Wang, Xiao; Zou, Haiyuan; Yang, Jiahao; Nagel, Urmas; Rõõm, Toomas; Dey, Tusharkanti; Nugroho, Agustinus Agung; Lorenz, Thomas; Wu, Jianda; Wang, Zhe Physical review B 2020 / art. 220411, 6 p. : ill <https://doi.org/10.1103/PhysRevB.101.220411>

On pseudospectral method, discrete spectral analysis and solitons

Salupere, Andrus OAS 2011 : International Conference on Optimization and Analysis of Structures, August 25-27, 2011, Tartu, Estonia : abstracts 2011 / p. 40 https://link.springer.com/chapter/10.1007/978-3-642-00585-5_16

On solitons in media modelled by the hierarchical KdV equation

Salupere, Andrus; **Lints, Martin**; **Engelbrecht, Jüri** Archive of applied mechanics 2014 / p. 1583-1593 : ill <https://doi.org/10.1007/s00419-014-0861-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the application of 2D discrete spectral analysis in case of the KP equation

Salupere, Andrus; **Ratas, Mart** Mechanics research communications 2018 / p. 141-147 : ill <https://doi.org/10.1016/j.mechrescom.2017.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the application of pseudospectral methods for solving nonlinear evolution equations, and discrete spectral analysis

Salupere, Andrus Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 76-83: ill

On the application of the discrete spectral analysis of solution types of nonlinear evolution equations

Salupere, Andrus Abstracts of Finno-Ugric Days of Mechanics with Heller Symposium, Rackeve/Budapest, Hungary, 1998 1998 / p. 2

On the KdV soliton formation and discrete spectral analysis

Salupere, Andrus; Maugin, Gerard; **Engelbrecht, Jüri**; **Kalda, Jaan** Wave motion 1996 / p. 49-66: ill

Optimal use of spectral information for waste paper detection

Põlder, Ahti; **Juurma, Märt**; **Tamre, Mart** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 273-277 : ill

Parameter estimation by sparse reconstruction with wideband dictionaries = Signaali parameetrite hindamine kasutades hajusat taastamist laiaribaliste sõnastikega

Butsenko, Maksim 2018 <https://digi.lib.ttu.ee/i/?11199> https://www.ester.ee/record=b5176162*est

Separation and analysis of signal's components by means of extended block-adaptive Fourier analyzer

Ronk, Ants IMTC/2001 : proceedings of the 18th IEEE Instrumentation and Measurement Technology Conference : Rediscovering Measurement in the Age of Informatics : Budapest, Hungary, 21-23 May, 2001. Volume 2 2001 / p. 1202-1207
<https://ieeexplore.ieee.org/document/928267>

Solitons in a perturbed Korteweg-de Vries system

Peterson, Pearu; **Salupere, Andrus** Euromech 348 : Nonlinear Dynamics of Heterogeneous and Microstructured Solids, May 22-26, 1996, Tallinn, Estonia : book of abstracts 1996 / p. 38

Spectral analysis by crossings with properly chosen signals

Ronk, Ants BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 205-208: ill

Spectral analysis of soliton formation

Engelbrecht, Jüri; Salupere, Andrus; Peipman, Tõnu; Maugin, Gerard Proceedings of the IUTAM/ISIMM Symposium on Structure and Dynamics of Nonlinear Waves in Fluids 1995

Spectrofluorimetric analysis of polycyclic aromatic hydrocarbons in edible oils

Petruhhina, Natalja Food and nutrition = Toit ja toitumine 2005 / p. 34-35

Spectroscopic analysis of chromatographically separated molecular fractions of sedimentary dissolved organic matter

Lepane, Viia; Hinnov, Mariann; Tõnno, Ilmar; **Alliksaar, Tiiu** Geophysical research abstracts 2008 / [2] p

Spectroscopic study of (all-R,R)-cyclohexanohemicucurbit[8]uril and its host-guest supramolecular hexafluorophosphate complexes

Konrad, Nele; Kananovich, Dzmitry; Aav, Riina; Borovkov, Victor Proceedings : Symmetry 2017 ; vol. 2 2018 / p. 64
<http://dx.doi.org/10.3390/proceedings2010064>

Sünkroonmuundustehnika faasitundliku spektraalanalüüsi vahendina : magistritöö

Land, Raul 1992 https://www.ester.ee/record=b2630379*est

Symmetry breaking revealed by THz spectroscopy of magnetic excitations = Sümmeetriarikkumiste avaldumine magnetergastuste teraherts-spektrites

Amelin, Kirill 2022 <https://doi.org/10.23658/taltech.47/2022> <https://digikogu.taltech.ee/et/Item/15f23ccb-625a-455f-8592-b61b2da787d1>
https://www.ester.ee/record=b5511839*est

The importance of wide-field foreground removal for 21 cm cosmology : a demonstration with early MWA epoch of reionization observations

Pober, J. C.; Hazelton, B. J.; Beardsley, A. P.; **Kudryavtseva, Nadezhda** The astrophysical journal 2016 / art. 8, p. 1-13
<http://doi.org/10.3847/0004-637X/819/1/8>

The pseudospectral method and discrete spectral analysis

Salupere, Andrus Applied wave mathematics : selected topics in solids, fluids, and mathematical methods 2009 / p. 301-333 : ill

Wake waves of a planing boat : an experimental model

Tavakoli, Sasan; Shaghaghi, Poorya; Mancini, Simone; De Luca, Fabio; **Dashtimanesh, Abbas** Physics of Fluids 2022 / Art. nr. 037104 <https://doi.org/10.1063/5.0084074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Быстродействующий спектрально-корреляционный анализатор эхо-сигналов

Germ, Eduard; Niinsalu, Udo Методы и устройства регистрации, передачи, обработки и представления информации 1986 / с. 31-33

Вопросы спектрального анализа с помощью синхронного преобразователя дискретного действия

Land, Raul Анализ и синтез сложных систем и цепей с помощью ЭВМ 1988 / с. 57-62

Методы спектрального анализа коротких реализаций сигналов

Meister, Ants Методы и алгоритмы цифровой обработки сигналов 1988 / с. 17-24 https://www.ester.ee/record=b1292907*est

О возможности определения некоторых элементов в природном сульфиде свинца химико-спектральным методом

Hödrejäv, Helvi Сборник статей по химии и химической технологии. 12 1965 / с. 141-153 : илл
https://www.ester.ee/record=b2182032*est <https://digikogu.taltech.ee/et/Item/cc98a110-70ff-45fd-9a24-57acf33fc031>

О некоторых характерных чертах пиритов по данным спектрального анализа и инфракрасной спектроскопии

Palmre, Hendrik; Hödrejäv, Helvi Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1978 / с. 200-203

https://www.ester.ee/record=b1264984*est <https://www.etera.ee/zoom/16180/view?page=1&p=separate&tool=info>

О целесообразности применения квазипикового детектора при 1/3 - октавном и более узкополосном спектральном анализе шумов и вибраций

Tamm, Uljas Конспекты докладов : "Вибрационная техника", семинар (Москва), : Сборник 1 1969 / с. [?]

Применение функции Уолша при последовательном анализе периодических сигналов

Ots, Avo; Heinrichsen, Vladimir; Hiitemäe, P. Тезисы докладов научно-технической конференции, посвященной Дню радио 1974 / лк. 9 https://www.ester.ee/record=b1294751*est

Реализация поточного спектрального анализатора с помощью БПФ

Niinsalu, Udo Методы и средства цифровой обработки сигналов 1984 / с. 33-37 : ил https://www.ester.ee/record=b1302208*est
<https://digikogu.taltech.ee/et/Item/e49ece5a-b726-4a2f-860f-748b84670a0c>

Спектральный анализ ускоренного турбулентного движения жидкости в трубопроводах

Ainola, Leo; Koppel, Tiit; Lamp, Jürgen; Liiv, Uno Неустановившееся движение жидкости в трубах 1980 / с. 3-15 : илл https://www.ester.ee/record=b1263941*est <https://digikogu.taltech.ee/et/Item/aeac2da9-cb51-4746-9dc3-c435104586eb>

Экстракция в качестве метода обогащения микроэлементов при химико-спектральном анализе пригодного сульфида свинца

Hödrejärvi, Helvi XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 103 https://www.ester.ee/record=b1359832*est