

Aeglasekäiguline otsetoimeline püsimagnetgeneraator tuuleagregaatidele

Kallaste, Ants; Vaimann, Toomas; Pabut, Ott Taastuvate energiaallikate uurimine ja kasutamine : neljateistkümnenda konverentsi kogumik = Investigation and Usage of Renewable Energy Sources : fourteenth conference proceedings : [8. nov. 2012, Tartu] 2012 / lk. 68-77 : ill

An idea for universal generator of hypotheses

Lind, Grete; Kuusik, Rein, inform. ICEIS 2012 - proceedings of the 14th International Conference on Enterprise Information Systems : Wroclaw, Poland, 28 June-1 July, 2012. Volume 1 2012 / p. 169-174
<https://www.scitepress.org/PublishedPapers/2012/40971/pdf/index.html>

Analysis of operating modes of the novel isolated interface converter for PMSG based wind turbines

Bisenieks, Lauris; Vinnikov, Dmitri; Zakis, Janis POWERENG2011 : proceedings of the 2011 International Conference on Power Engineering, Energy and Electrical Drives : Torremolinos (Málaga), Spain, May 11-13, 2011 2011 / [8] p.: ill
<https://ieeexplore.ieee.org/document/6036538>

Analysis of permanent magnet multipole synchronous generators for wind applications [Electronic resource]

Kilk, Aleksander Proceedings of 4th International Workshop CPE 2005 : Compatibility in Power Electronics : Fifth International Research and Educational Colloquium on Electronics : 1-3 June 2005, Gdynia, Poland 2005 / [6] p. : ill. [CD-ROM]

Automated correction of design errors by edge redirection on high-level decision diagrams

Karputkin, Anton; Ubar, Raimund-Johannes; Tombak, Mati; Raik, Jaan 13th International Symposium on Quality Electronic Design (ISQED), 2012 2012 / p. 686-693 : ill <https://ieeexplore.ieee.org/document/6113980>

Automatic generation of EFSMs and HLDDs for functional ATPG

Tšepurov, Anton; Guglielmo, Giuseppe di; Raik, Jaan; Ubar, Raimund-Johannes; Viilukas, Taavi BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : Tallinn University of Technology : October 6-8, 2008, Tallinn, Estonia 2008 / p. 143-146 : ill

Recherches sur la roue phonique : premiere these; [Carbure de Calcium] : Propositions donees par la Faculte : deuxieme these

Freytmuth, Helmuth 1924 https://www.ester.ee/record=b5476840*est

Comparative analysis of sequential circuit test generation approaches

Raik, Jaan; Krivenko, Anna; Ubar, Raimund-Johannes BEC 2004 : proceedings of the 9th Biennial Baltic Electronics Conference : October 3-6, 2004, Tallinn, Estonia 2004 / p. 225-228 : ill

Comparative analysis of wind generator energy efficiency based on machine design

Kallaste, Ants; Vaimann, Toomas; Kilk, Aleksander; Belahcen, Anouar 2014 55th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings 2014 / p. 9-12 : ill

Comparison of flux-switching and interior permanent magnet synchronous generators for direct-driven wind applications based on nelder-mead optimal designing

Prakht, Vladimir; Dmitrievskii, Vladimir; Kazakbaev, Vadim; Andriushchenko, Ekaterina Mathematics 2021 / art. 732
<https://doi.org/10.3390/math9070732> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Constraint-based test pattern generation at the register-transfer level

Viilukas, Taavi; Raik, Jaan; Jenihhin, Maksim; Ubar, Raimund-Johannes; Krivenko, Anna Proceedings of the 13th IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems : April 14-16, 2010, Vienna, Austria 2010 / p. 352-357 : ill
<http://dx.doi.org/10.1109/DDECS.2010.5491752>

Control system for a diesel generator and UPS based microgrid

Palamar, Andriy; Pettai, Elmo; Beldjajev, Viktor Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering 2010 / p. 47-52 : ill

Cooperative control of flywheel energy storage system and diesel generator for frequency regulation of microgrids using digital FIR filters

Faraji, M.; Mahdavi, Mohammad Saeed; Gharehpetian, Gevork B.; Ahmadihangar, Roya; Rosin, Argo 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p
<https://doi.org/10.1109/CPE-POWERENG58103.2023.10227448>

Demagnetization in permanent magnet slotless generator using Halbach array

Kallaste, Ants; Kilk, Aleksander; Belahcen, Anouar; Vaimann, Toomas; Janson, Kuno Proceedings of the 13th International Scientific Conference Electric Power Engineering 2012 : EPE 2012 : Brno. Vol. 2 2012 / p. 1053-1057 : ill
https://www.researchgate.net/publication/262674411_Demagnetization_in_Permanent_Magnet_Slotless_Generator_Using_Halbach_Array

Design and experimental verification of a multipole directly driven interior PM synchronous generator for wind power

applications

Kilk, Aleksander The 4th International Conference Electric Power Quality and Supply Reliability : August 29...31, 2004, Pedase, Estonia : proceedings 2004 / p. 87-89 : ill

Design and prototyping of directly driven outer rotor permanent magnet generator for small scale wind turbines [Online resource]

Vaimann, Toomas; Kudrjartsev, Oleg; Kilk, Aleksander; Kallaste, Ants; Rassõlkin, Anton Advances in electrical and electronic engineering 2018 / p. 271-278 : ill <https://doi.org/10.15598/aeet.v16i3.2698> [Journal metrics at Scopus](#) [Article at Scopus](#)

Digital Twin of Wind Generator for Modelling Various Turbine Characteristics

Raja, Hadi Ashraf; Autosu, Siarhei; Kudelina, Karolina; Rjabtšikov, Viktor; Vaimann, Toomas; Kallaste, Ants; Pomarnacki, Raimondas; Hyunh, Van Khang 2023 International Conference on Electrical Drives and Power Electronics (EDPE) 2023 / p. 1-5 <https://doi.org/10.1109/EDPE58625.2023.10274050>

EU regulation establishing a network code on requirements for grid connection of generators

Pfeiffer, R.; Haesen, E.; Kilter, Jako 14th Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants : 20-22 October 2015, Brussels, Belgium : proceedings 2015

Excitation system models of generators of Balti and Eesti power plants

Attikas, Raivo; Tammoja, Heiki Oil shale 2007 / 2S, p. 285-295 : ill

Experimental determination of equivalent circuit parameters for a synchronous generator

Naseer, Muhammad Usman; Asad, Bilal; Ghahfarokhi, Payam Shams; Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton 2021 IEEE Open Conference of Electrical, Electronic and Information Sciences (eStream): proceedings of the conference, April 22, 2021, Vilnius, Lithuania 2021 / 7 p. : ill <https://doi.org/10.1109/eStream53087.2021.9431442>

FSI - 500Mhz PLL frequency synthesizer IC

Saarts, Taivo; Paist, Peeter Elektroonika 2004 : XI rahvusvahelise telekommunikatsioonipäeva materjalid 2004 / p. 85-97 : ill

Generaatori modelleerimise võimaluste uurimine

Loitme, O.; Kangur, Oleg XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 53 https://www.ester.ee/record=b2449987*est

G-GPU : a fully-automated generator of GPU-like ASIC accelerators

Perez, Tiago Diadami; Gonçalves, Marcio M.; Gobatto, Leonardo; Brandalero, Marcelo; Azambuja, Jose Rodrigo; Pagliarini, Samuel Nascimento 2022 Design, Automation & Test in Europe Conference & Exhibition (DATE) : 14-23 March 2022 : Antwerp, Belgium 2022 / p. 544 - 547 <https://doi.org/10.23919/DATE54114.2022.9774758>

Implementation of multisine signal generator for a bioimpedance measurement device

Gorev, Maksim; Pesonen, Vadim; Ellervee, Peeter BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 275-278 : ill

Influence of magnet material selection on the design of slow-speed permanent magnet synchronous generators for wind applications

Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar Elektronika ir elektrotehnika = Electronics and electrical engineering 2017 / p. 31-38 : ill <http://dx.doi.org/10.5755/j01.eie.23.1.17581>

LFSR polynomial and seed selection using genetic algorithm

Aleksejev, E.; Jutman, Artur; Ubar, Raimund-Johannes BEC 2006 : 2006 International Baltic Electronics Conference : Tallinn University of Technology, October 2-4, 2006, Tallinn, Estonia : proceedings of the 10th Biennial Baltic Electronics Conference 2006 / p. 179-182 : ill

Magnetic field analysis of permanent magnet low-speed synchronous generators for wind applications [Electronic resource]

Kilk, Aleksander; Järvik, Jaan; Kesküla, Viktor 2009 Compatibility and Power Electronics CPE 2009 : 6th International Conference-Workshop 2009 / p. 348-352 : ill. [CD-ROM]

Microprogrammed test generator for bus oriented devices

Szegi, A.; Feher, B. Automation, simulation & measurement : ASM'91 : 3rd biennial conference, Tallinn, October 7-11, 1991. Section A. Section M / Tallinn Technical University 1992 / p. 88-94: ill

Missugused varutoiteallikad valida, et elada üle elektrikatkestused

Thalfeldt, Martin; Rosin, Argo maakodu.delfi.ee 2023 [Missugused varutoiteallikad valida, et elada üle elektrikatkestused](#)

Mixed-level test generator for digital systems

Brik, Marina; Jervan, Gert; Markus, Antti; Paomets, Priidu; Raik, Jaan; Ubar, Raimund-Johannes Proceedings of the Estonian

Academy of Sciences. Engineering 1997 / 4, p. 271-282 : ill

Muutuste tuules

Aru, Erik Forbes 2013 / lk. 24-26 : ill

Parametric optimization of the acquisition time of PLL frequency synthesizers

Paavle, Toivo Telekommunikatsioon 2002 : IX rahvusvahelise telekommunikatsioonipäeva materjalid 2002 / lk. 24-30 : ill

Permanent magnet axial-flux generator with toroidal winding

Kallaste, Ants; Järvik, Jaan; Kilk, Aleksander 5th International Conference : Electric Power Quality and Supply Reliability : August 23-26, 2006, Viimsi, Estonia : conference proceedings 2006 / p. 167-171 : ill

Permanent magnet axial-flux generator with toroidal winding

Kallaste, Ants; Kilk, Aleksander 4th International Symposium Topical Problems of Education in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 15-20, 2007 / p. 186-189 : ill

Pime juhus kipub nägijaks

Krustok, Jüri Uus Meedia : Eesti Päevalehe lisa 1997 / 30. okt., lk. 6

Recent contributions, future prospects and limitations of interlinking converter control in hybrid AC/DC microgrids

Najafzadeh, Mahdiyyeh; Ahmadihangar, Roya; Husev, Oleksandr; Roasto, Indrek; Jalakas, Tanel; Blinov, Andrei IEEE Access 2021 / art. 9312595, p. 7960-7984 <https://doi.org/10.1109/ACCESS.2020.3049023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reducing sparking in the transient layer of the sliding electrical contact unit

Kozyreva, Oksana; Plokhov, Igor; Kotkov, Nikita; Savrajev, Igor; Ilyin, Alexander; **Vaimann, Toomas; Rassõlkin, Anton; Gevorgov, Levon; Kallaste, Ants** 2018 19th International Scientific Conference on Electric Power Engineering (EPE 2018) : Brno, Czech Republic, 16 - 18 May 2018 / p. 223-227 : ill <https://doi.org/10.1109/EPE.2018.8395969>

Research and development of exterior-rotor permanent magnet synchronous machines for light aerial vehicles = Välisrootoriga püsivõimsusmagnetmasinate uurimine ja väljatöötamine kergetele õhusõidukitele

Nukki, Rene 2016 <https://digi.lib.ttu.ee/i/75378> https://www.ester.ee/record=b4575943*est

Resources of water-soluble alkylresorcinols in the oil fractions and retort water formed by processing oil shale in generators of high unit capacity

Tiikma, Laine; Mölder, Leevi; Tamvelius, Hindrek Горючие сланцы 1991 / 4, с. 350-354

Results of thermographic diagnostics of electric grid contact junctions and generators of oil shale power plants

Dorovatovski, Nikolai; Liik, Olev Oil shale 2005 / 2S, p. 243-257 : ill

Sinusoidaalse ping generaator füüsika praktikumi jaoks

Golubkov, J.; Veimer, Vladimir XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 / lk. 70 https://www.ester.ee/record=b1322611*est

Soojused generaatorid : õppematerjal

Paist, Aadu; Poobus, Arvi 2009 https://www.ester.ee/record=b2439255*est

Sünkroongeneraatori elektromotoorse jõu ning ping vahelse nurga θ mõõtmisest

Jõudu, Kusta; Buatsidze, Sergei Üliõpilaste teaduslike tööde kogumik. II 1956 / lk. 61-69 https://www.ester.ee/record=b2180955*est <https://digikogu.taltech.ee/et/Item/bceb6ff0-b706-4c4d-a5d9-2da3af1e3162>

Thermal analysis of the PM generator with outer rotor for wind turbine application

Kudrjavitsev, Oleg; Kilk, Aleksander; Vaimann, Toomas PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 229-232 : ill <https://doi.org/10.1109/PQ.2016.7724118>

Tuules peitub soojust

Jegorov, Anatoli; Selg, Vello Maamajandus 2000 / aug., lk. 30-32 : ill https://artiklid.elnet.ee/record=b1029146*est

USB audio chip based oscilloscope and signal generator for mobile laboratories

Jaanus, Martin; Udal, Andres ICSES 2012 : September 18-21, 2012, Wrocław, Poland : the conference proceedings 2012 / [4 p.] : ill <https://ieeexplore.ieee.org/document/6382229>

Using DQ0 signals based on the central angle reference frame to Model the dynamics of large-scale power systems

Zargari, Noa; Ofir, Ron; Levron, Yoash; **Belikov, Juri** Proceedings of 2020 IEEE PES Innovative Smart Grid Technologies Europe

Utility-scale energy storage systems : a comprehensive review of their applications, challenges, and future directions

Luo, Wensheng; Stynski, Sebastian; **Chub, Andrii**; Franquelo, Leopoldo G.; Malinowski, Mariusz; **Vinnikov, Dmitri** IEEE industrial electronics magazine 2021 / p. 17-27 <https://doi.org/10.1109/MIE.2020.3026169> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A versatile and flexible multiplier generator for Large integer polynomials

Imran, Malik; **Abideen, Zain Ul**; **Pagliarini, Samuel Nascimento** Journal of hardware and systems security 2023 / p. 55–71 <https://doi.org/10.1007/s41635-023-00134-2>

Volta hakkab tuulega raha tegema : [tuulegeneraatoreid tootma, projekteerijad TTÜst]

Salu, Mikk Eesti Päevaleht 2005 / 1. juuni, lk. 10 <https://arileht.delfi.ee/artikkel/51048539/volta-hakkab-tuulega-raha-tegema>

Volta tuulegeneraatorid sobivad ka väikestele majapidamistele : [tehase Volta ja TTÜ elektrotehnika aluste ja elektrimasinate instituudi koostööst räägivad Jaan Järvik ja Arvo Oorn]

Mäe, Kristo; **Järvik, Jaan**; **Oorn, Arvo** Äripäev 2005 / 4. apr., lk. 16 <https://www.aripaev.ee/uudised/2005/04/03/volta-tuulegeneraatorid-sobivad-ka-vaikestele-majapidamistele>

Блокинг-генератор и узел с умкотно-динисторным запаздыванием

Šilf, K. Электромеханика. 3 1970 / с. 69-72 : илл https://www.ester.ee/record=b2189951*est <https://digikogu.taltech.ee/et/Item/ba0097d6-af8f-4557-96a1-ac545e315074/>

Генератор импульсов

Gavrilov, Aleksei Радио 2012 / с. 51-52 : ил

Генератор матричных отчетов

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

Генератор отчетов "Villis"

Villems, A.; Isotamm, A.; **Tombak, Mati** Труды Вычислительного центра 1974 / с. 49-66 : ил https://www.ester.ee/record=b1181233*est

Генератор пакетов импульсов для накачки полупроводниковых лазеров

Zahharov, Boriss Тезисы докладов республиканской научно-технической конференции, посвященной 80-летию со дня изобретения радио А. С. Поповым 1975 / с. 40 https://www.ester.ee/record=b1322122*est

Генератор псевдослучайного шума

Anek, Leo; **Leibur, Guido**; **Liiver, R.**; **Roosi, Aarne** XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 5-6 https://www.ester.ee/record=b1322629*est

Исследование пневмовибратора к трибометру ВТ-1

Saar, Bernhard; **Tani, Peeter** XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 135-136 https://www.ester.ee/record=b1322629*est

Магнитная система генератора э.д.с. Холла

Heinrichsen, Vladimir Труды по электротехнике и автоматике : сборник статей. [1] 1963 / с. 27-34 : илл https://www.ester.ee/record=b2181953*est <https://digikogu.taltech.ee/et/Item/c0cba674-7147-4659-abad-39f8419dd45e>

Некоторые особенности расчета магнитных цепей генераторов э.д.с. Холла

Heinrichsen, Vladimir Труды по электротехнике и автоматике : сборник статей. 5 1967 / с. 23-28 https://www.ester.ee/record=b2182187*est <https://digikogu.taltech.ee/et/Item/a4d66fdf-69d6-487a-a6ee-1f9ce266f2ad>

О расширенном генераторе отчетов для ЭВМ "Минск-32" позволяющем оперировать со структурами, подобными структурами языка ПЛ/

Mikli, Toomas; **Tombak, Mati** Обработка информации 1975 / с. 11-16 : илл https://www.ester.ee/record=b1327401*est <https://digikogu.taltech.ee/et/Item/6768b116-5b5d-4f83-ad46-282236590987>

О смоляном режиме сланцеперегонных генераторов

Jefimov, Viktor; **Aarna, Agu** Сборник статей по химии и технологии горючего сланца. 6 1959 / с. 3-17 : илл https://www.ester.ee/record=b2181310*est <https://digikogu.taltech.ee/et/Item/ef38b871-c02c-47ab-a7c6-0b764036fa60>

О создании особо стабильных диапазонных генераторов для систем связи

Kulikov, V.; **Õispuu, Arne** XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов).

Электротехника и энергетика 1970 / с. 54 https://www.ester.ee/record=b1379483*est

О частотной коррекции магнитных каналов генераторов э.д.с. Холла

Heinrichsen, Vladimir Труды по электротехнике и автоматике : сборник статей. 2 1964 / с. 27-36 : илл
https://www.ester.ee/record=b2181978*est <https://digikogu.taltech.ee/et/Item/b53fe7c7-f8c2-4d67-895d-b1823e09c84b>

Об оптимизации распределения реактивных мощностей между генераторами электростанции

Leisalu, A.; Valdma, Mati; Möller, Kalju XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 2 1974 / с. 251 https://www.ester.ee/record=b1306141*est

Реализация и описание структурных средств для обработки данных

Vooglaide, Aare; Liib, Donald Автоматизация производства пакетов прикладных программ : (автоматизация производства трансляторов) : тезисы докладов [всесоюзного одноименного семинара, 1980] 1980 / с. 41-43
https://www.ester.ee/record=b1276160*est

Стабилизация мощности высокочастотного лампового генератора

Tarma, Mati Труды по электротехнике и автоматике : сборник статей. 5 1967 / с. 67-77 : илл
https://www.ester.ee/record=b2182187*est <https://digikogu.taltech.ee/et/Item/a4d66fdf-69d6-487a-a6ee-1f6ce266f2ad>

Униполярный генератор

Parts, Innari; Puusepp, Eugen X студенческая научно-техническая конференция высших учебных заведений Прибалтики, Белорусской ССР и Калининградской области : аннотации научных работ 1964 / с. 65 https://www.ester.ee/record=b1749611*est
<http://www.digar.ee/id/nlib-digar:376945>

Управляемый генератор измерительных сигналов

Leibur, Guido; Suls, K.; Heinrichsen, Vladimir XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 4 https://www.ester.ee/record=b1322629*est

Цифровой управляемый генератор импульсов

Nurme, V.; Kollom, Urve XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 152 https://www.ester.ee/record=b1306141*est

Экспериментальная оптимизация режимов работы лампового генератора

Annus, Arno; Aru, M.; Jõgi, K. Автоматика и вычислительная техника : [сборник статей] 1971 / с. 101-107
https://www.ester.ee/record=b2083970*est

Электрооптический рециркулятор для измерения некоторых параметров атмосферы

Grigorjev, Jüri; Zahharov, Boriss Тезисы докладов республиканской научно-технической конференции, посвященной 80-летию со дня изобретения радио А. С. Поповым 1975 / с. 41 https://www.ester.ee/record=b1322122*est

Электрооптический рециркуляционный генератор для измерения некоторых параметров атмосферы

Zahharov, Boriss; Grigorjev, V. Использование оптических квантовых генераторов в современной технике : Материалы к научно-техническим конференциям 23-26 июня : Сборник 1975 / с. 66-69