

A simple and inexpensive instrument to record occasional voltage peaks through a long period : (operating principle, utilization, parameters)

Janson, Kuno; Järvik, Jaan VII Sympozjum na temat Przepiecia w urzadzeniach elektrycznych i elektronicznych, Holny Mejera 16-19 pazdziernika 1996 r 1996 / s. 43-45: ill

AC measurement converters : analog and digital solutions

Märtens, Olev 2000 http://www.ester.ee/record=b1707866*est

Air-core sensors operation modes for partial discharge detection and on-line diagnostics in medium voltage networks

Kütt, Lauri; Shafiq, Muhammad; Mölder, Heigo; Järvik, Jaan; Lehtonen, Matti Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2013 / p. 5-12 : ill

An improved high-voltage IGBT-based half-bridge converter for railway applications

Vinnikov, Dmitri; Laugis, Juhan Fourth International Conference and Exhibition on Ecological Vehicles & Renewable Energies : March 26-29, 2009, Monaco : one-page abstract proceeding 2009 / [1] p

An interleaved ZVS high step-up converter for renewable energy systems applications

Nouri, Tohid; Branch, Sari; Shaneh, Mahdi; Benbouzid, Mohamed; Vosoughi Kurdkandi, Naser IEEE Transactions on Industrial Electronics 2022 / p. 4786-4800 <https://doi.org/10.1109/TIE.2021.3080211> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An SVM scheme for three-level quasi-switched boost T-type inverter with Enhanced voltage gain and capacitor voltage balance

Tran, Vinh-Thanh; Nguyen, Minh-Khai; Do, Duc-Tri; Vinnikov, Dmitri IEEE transactions on power electronics 2021 / p. 11499-11508 <https://doi.org/10.1109/TPEL.2021.3071011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analyses of supply voltage quality, power consumption and losses affected by shunt capacitors for power factor correction

Vinnal, Toomas; Janson, Kuno; Kalda, Heljut; Kütt, Lauri PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia 2010 / p. 53-60 : ill

Analysis and evaluation of PWM and PSM shoot-through control methods for voltage-fed qZSI based DC/DC converters

Roasto, Indrek; Vinnikov, Dmitri EPE-PEMC 2010 : 14th International Power Electronics and Motion Control Conference : 6-8 September 2010, Ohrid, Republic of Macedonia 2010 / p. T3-100 - T3-105

Analysis of power consumption and losses in relation to supply voltage levels

Vinnal, Toomas; Kütt, Lauri; Kalda, Heljut 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 23-28 : ill

Analysis of power consumption and losses in relation to supply voltage quality [Electronic resource]

Vinnal, Toomas; Janson, Kuno; Kalda, Heljut EPE 2009 : 13th European Conference on Power Electronics and Applications : 8-10 September 2009, Barcelona, Spain 2009 / [9] p. : ill. [CD-ROM] <https://ieeexplore.ieee.org/document/5278764>

Analysis of traditional and alternative methods for solving voltage problems in low voltage grids : an Estonian case study

Rosin, Argo; Drovtar, Imre; Mölder, Heigo; Haabel, Kaija; Astapov, Victor; Vinnal, Toomas; Korõtko, Tarmo Energies 2022 / art. 1104 <https://doi.org/10.3390/en15031104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of transmission network short cable line sheath bonding methods

Kangro, Triin; Kilter, Jako 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (IEEEIC / I&CPS Europe), 12-15 June 2018 : conference proceedings 2018 / 6 p.: ill <https://doi.org/10.1109/IEEEIC.2018.8493944>

Analysis on faulty phase grounding in medium-voltage networks with isolated neutral

Kütt, Lauri; Järvik, Jaan 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 281-284 : ill

Application of transfer learning for instrument transformer condition monitoring

Asefi, Sajjad; Kilter, Jako; Akroud, Nabil; Hurtado, Aritz; Gilbert, Ian; Orue, Inaki 2024 International Conference on Diagnostics in Electrical Engineering (Diagnostika) 2024 / 4 p <https://doi.org/10.1109/Diagnostika61830.2024.10693903>

Assessment of synchronous generator's influence on transmission network with significant level of voltage unbalance

Sarnet, Tanel; Kilter, Jako Elektronika ir elektrotehnika = Electronics and electrical engineering 2012 / p. 11-14 : ill <https://eejournal.ktu.lt/index.php/elt/article/view/2796>

Assessment of transmission network voltage unbalance in connection of high-speed electrical railway connection

Kilter, Jako; Sarnet, Tanel; Kangro, Triin PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 329-334 : ill

Assessment of voltage instrument transformers accuracy for harmonic measurements in transmission systems [Online resource]

Stiegler, Robert; Meyer, Jan; **Kilter, Jako**; Konzelmann, Simon Proceedings of 2016 17th International Conference on Harmonics and Quality of Power (ICHQP) : Belo Horizonte, Minas Gerais, Brazil, 16-19 October 2016 2016 / p. 152-157 : ill
<https://doi.org/10.1109/ICHQP.2016.7783472>

Avalike elektrivõrkude pingetunnustused = Voltage characteristics of electricity supplied by public electricity networks

2011 https://www.ester.ee/record=b2743062*est

Avalike elektrivõrkude pingetunnustused = Voltage characteristics of electricity supplied by public electricity networks

2023 https://www.ester.ee/record=b5548013*est

Avalike elektrivõrkude pingetunnustused = Voltage characteristics of electricity supplied by public electricity networks

2025 https://www.ester.ee/record=b5736506*est

Avalike elektrivõrkude pingetunnustused = Voltage characteristics of electricity supplied by public electricity networks

2025 https://www.ester.ee/record=b5736507*est

Avalike elektrivõrkude pingetunnustused = Voltage characteristics of electricity supplied by public electricity networks [Võrguteavik]

2015 http://www.ester.ee/record=b4512339*est

Avalike elektrivõrkude pingetunnustused [Võrguteavik] = Voltage characteristics of electricity supplied by public electricity networks

2019 https://www.ester.ee/record=b5273602*est

Avalike elektrivõrkude pingetunnustused [Võrguteavik] = Voltage characteristics of electricity supplied by public electricity networks

2019 https://www.ester.ee/record=b5273643*est

Avalike elektrivõrkude pingetunnustused [Võrguteavik] = Voltage characteristics of electricity supplied by public electricity networks

2019

Battery technologies in electric vehicles : improvements in electric battery packs

Mohseni, Parham; Husev, Oleksandr; Vinnikov, Dmitri; Strzelecki, Ryszard; Romero-Cadaval, Enrique; Tokarski, Igor IEEE industrial electronics magazine 2023 / p. 55-65 <https://doi.org/10.1109/MIE.2023.3252265> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Benchmarking of power quality performance in transmission systems - CIGRE WG C4.27 perspective [Online resource]

Kilter, Jako; Vujatovic, Davor; Elphick, Sean Proceedings of 2016 17th International Conference on Harmonics and Quality of Power (ICHQP) : Belo Horizonte, Minas Gerais, Brazil, 16-19 October 2016 2016 / p. 949-954 <https://doi.org/10.1109/ICHQP.2016.7783342>

Buck-boost resonant Z-source partial power converter

Abdelrahim Abdelghafour, Omar Mohamed; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri 3rd International Conference on Smart Grid and Renewable Energy (SGRE) 2022 / p. 1-6 <https://doi.org/10.1109/SGRE53517.2022.9774095>

Bulk and interface recombination in TiO₂/Sb₂Se₃ solar cells

Krautmann, Robert; Josepson, Raavo; Spalatu, Nicolae; Oja Acik, Ilona Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 28 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Bus bar test bench development for common 3x3 matrix converter

Sokolovs, Alvis; **Galkin, Ilja; Laugis, Juhan** 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. 233-236 : ill

Capacitor coupled voltage transformer defect identification in the presence of tap changer

Asefi, Sajjad; Leinakse, Madis; Kilter, Jako; Landsberg, Mart IEEE PES Innovative Smart Grid Technologies Conference Europe

(ISGT Europe 2023) : proceedings 2023 / 5 p <https://doi.org/10.1109/isgteurope56780.2023.10408138>

Capacitor coupled voltage transformer inaccuracy effect on circuit breaker operation

Asefi, Sajjad; Andreesen, Guido; Kilter, Jako; Landsberg, Mart 2023 23rd International Scientific Conference on Electric Power Engineering (EPE) 2023 / 5 p <https://doi.org/10.1109/EPE58302.2023.10149279>

Case studies for power quality monitoring in public distribution grids – some results of working group CIGRE/CIRED C4.112

Meyer, Jan; **Kilter, Jako** PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 85-92 : ill

Case study of non-linear PV inverter devices attached to the LV distribution network

Vinnal, Toomas; Puusepp, Hardi; Shabbir, Noman; Kütt, Lauri; Iqbal, Muhammad Naveed Agronomy research 2020 / p. 2639–2652 : ill <https://doi.org/10.15159/AR.20.233> <https://dspace.emu.ee/xmlui/handle/10492/5955> [Journal metrics at Scopus](#) [Article at Scopus](#)

CENELEC standard pinged = CENELEC standard voltages (IEC 60038:2009, modified)

2012

CIGRE/CIRED guidelines for power quality monitoring – measurement locations, processing and presentation of data

Milanovic, Jovica V.; **Kilter, Jako;** Bollen, M. H. J.; Meyer, Jan Electra 2014 / p. 39-47

Coil-to-coil efficiency of ISS-compensated inductive wireless power transfer links operating with load-independent output voltage at fixed frequency

Belenky, A.; **Chub, Andrii;** Kuperman, A. 2023 International Conference on Clean Electrical Power (ICCEP) 2023 / p. 617-621 : ill <https://doi.org/10.1109/ICCEP57914.2023.10247404>

Common mode voltage reduction and neutral-point voltage balance for quasi-Z-source three-level neutral-point-clamped inverters

Liu, Wenjie; Yang, Yongheng; Li, Weilin; Zhang, Xiaobin; **Husev, Oleksandr; Vinnikov, Dmitri** International Power Electronics Conference (IPEC-Himeji 2022- ECCE Asia) 2022 / p. 934-939 <https://doi.org/10.23919/IPEC-Himeji2022-ECCE53331.2022.9806905>

Compact design of a power circuit for a dual-output voltage converter

Vinnikov, Dmitri; Lehtla, Tõnu BEC 2004 : proceedings of the 9th Biennial Baltic Electronics Conference : October 3-6, 2004, Tallinn, Estonia 2004 / p. 333-336 : ill

Comparative evaluation of dual-purpose converters suitable for application in dc and ac grids

Husev, Oleksandr; Matiushkin, Oleksandr; Jalakas, Tanel; Vinnikov, Dmitri; Vosoughi Kurdkandi, Naser IEEE journal of emerging and selected topics in power electronics 2024 / p. 1337-1347 <https://doi.org/10.1109/JESTPE.2023.3243857> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of voltage balancers for DAB converters in bipolar residential DC microgrids

Carvalho, Edivan Laercio; Mandrioli, Riccardo; Mastromauro, Rosa Anna; Romero-Cadaval, Enrique; **Vinnikov, Dmitri** 2025 IECON – 51st Annual Conference of the IEEE Industrial Electronics Society 2025 / 6 p <http://doi.org/10.1109/IECON58223.2025.11221951>

Comprehensive comparison of isolated high step-up dc-dc converters for low power application

Pourjafar, Saeed; Afshari, Hossein; Mohseni, Parham; Husev, Oleksandr; Matiushkin, Oleksandr; Shabbir, Noman IEEE open journal of power electronics 2024 / p. 1149–1161 <https://doi.org/10.1109/OJPEL.2024.3433554> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comprehensive methodology for stress procedures evaluation and comparison for Burn-In of automotive SoC

Appello, D.; Bernardi, P.; Giacomelli, G.; **Ruberg, Priit** Proceedings of the 2017 Design, Automation & Test in Europe (DATE) : 27-31 March 2017, Swisstech, Lausanne, Switzerland 2017 / p. 646-649 : ill <https://doi.org/10.23919/DATE.2017.7927068>

Computation of characteristic coefficients of Cuk converter

Niculescu, Elena; Cristea, Amelia-Maria BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 105-108: ill

Contribution of nano- and microgrids to topological power plants regarding voltage and frequency control = Nano- ja mikrovõrkude mõju topoloogilistele elektriiaamadele pingele ja sageduse juhtimise kontekstis

Helguero Cruz, Jorge Luis 2023 <https://doi.org/10.23658/taltech.60/2023> <https://digikogu.taltech.ee/et/item/ccf279f0-5c4e-4784-a6d7-a8c310ac489b> https://www.ester.ee/record=b5641245*est

Control of an inverted pendulum using an ionic polymer-metal composite actuator

Hunt, Andres; Chen, Zheng; Tan, Xiaobo; **Kruusmaa, Maarja** IEEE/ASME Transactions in Mechatronics : 2010 IEEE/ASME

International Conference on Advanced Intelligent Mechatronics : July 6-9, 2010, Montréal, Canada 2010 / p. 163-168 : ill
<https://ieeexplore.ieee.org/document/5695913>

Control of ultracapacitors energy exchange [Electronic resource]

Roasto, Indrek; Lehtla, Tõnu; Möller, Taavi; Rosin, Argo EPE-PEMC 2006 : 12th International Power Electronics and Motion Control Conference : Portorož, Slovenia, August 30 - September 1, 2006 : proceedings 2006 / p. 1401-1406 : ill. [CD-ROM]
<https://ieeexplore.ieee.org/document/4778599>

Current sensing methods for portable power circuits : working out an accurate flexible integrated solution

Mihhailov, Juri 2013 https://www.ester.ee/record=b4533635*est

Demand side management possibilities and viability for voltage support services in Estonia = Tarbimise juhtimise võimaluste uurimine ning rakendatavus pinge reguleerimise teenusteks Eestis

Drovtar, Imre 2016 <http://digi.lib.ttu.ee/?6032> https://www.ester.ee/record=b4601226*est

Description of practical load harmonic current emission due to voltage harmonic variation

Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek 2021 IEEE 62nd International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2021 / p. 1–6
<https://doi.org/10.1109/RTUCON53541.2021.9711594>

Design issues of redundant protection and supervision system for the special purpose power converters [Electronic resource]

Vinnikov, Dmitri; Roasto, Indrek; Vodovozov, Valery International Conference on Renewable Energies and Power Quality : ICREPQ'09 : Valencia, Spain, 15th to 17th April 2009 2009 / [6] p. [CD-ROM] <https://www.icrepq.com/ICREPQ%2709/356-vinnikov.pdf>

Development of antimony sulfide thin-film solar cells for semitransparent applications

Beglyryan, Robert; Katerski, Atanas; Oja Acik, Ilona; Krunk, Malle Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 9 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](https://www.gsfmt.ee/abstracts/2022/)

Development of auxiliary power supply for tram

Vinnikov, Dmitri; Lehtla, Madis BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 389-390 : ill

Development of national standard for voltage unit based on solid-state references = Pinge mõõtühiku riigietaloni arendamise Zener-tüüpi etalonpingeallikate baasil

Pokatilov, Andrei; Kübarsepp, Toomas 2008 https://www.ester.ee/record=b2425069*est

Diagnostics analysis of partial discharge events of the power cables at various voltage levels using ramping behavior analysis method

Mishra, Sambeet; Singh, Praveen Prakash; Kiitam, Ivar; Shafiq, Muhammad; Palu, Ivo; Bordin, Chiara Electric power systems research 2024 / art. 109988 <https://doi.org/10.1016/j.epr.2023.109988> [Journal metrics at Scopus](https://www.scopus.com/journal/view/doi?doi=10.1016/j.epr.2023.109988) [Article at Scopus](https://www.wos.org/doi/10.1016/j.epr.2023.109988) [Journal metrics at WOS](https://www.wos.org/doi/10.1016/j.epr.2023.109988) [Article at WOS](https://www.wos.org/doi/10.1016/j.epr.2023.109988)

Digital control of PFC rectifier with combined feedforward and PI regulator

Verbytskyi, Ievgen; Blinov, Andrei; Emiliani, Pietro; Galkin, Ilja IECON 2022 - 48th Annual Conference of the IEEE Industrial Electronics Society 2022 / p. 1-6 <https://doi.org/10.1109/IECON49645.2022.9968509> [Conference proceedings at Scopus](https://www.scopus.com/conrecord/view/doi?doi=10.1109/IECON49645.2022.9968509) [Article at Scopus](https://www.scopus.com/conrecord/view/doi?doi=10.1109/IECON49645.2022.9968509)

Digital signal processor based sinusoidal PWM for voltage source inverters

Ott, Silver; Roasto, Indrek 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 225-228 : ill

Eesti ettevõtete elektritarbimise uurimine ja soovitude väljatöötamine tarbimise optimeerimiseks = Study of electric power consumption in Estonian companies and recommendations for optimization of consumption

Vinnal, Toomas 2011

Effects of PV microgeneration on rural LV network voltage quality - harmonics and unbalance

Hürmeidan, Semih; Rosin, Argo; Vinnal, Toomas PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 97-100 : ill
<https://doi.org/10.1109/PQ.2016.7724096>

Effects of PV microgeneration on rural LV network voltage quality [Online resource]

Hürmeidan, Semih; Rosin, Argo; Vinnal, Toomas; Jagomägi, Andri 2016 57th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : October 13, 14, 2016 : conference proceedings 2016 / [4] p. : ill
<https://doi.org/10.1109/RTUCON.2016.7763083>

Effects of voltage transients on the DC droop control in residential nanogrids

Roasto, Indrek; Blinov, Andrei; Vinnikov, Dmitri; Jalakas, Tanel 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227464>

Electric vehicle charger load current harmonics variations due to supply voltage level differences - case examples

Kütt, Lauri; Saarijärvi, Eero; Lehtonen, Matti; Mölder, Heigo; Niitsoo, Jaan 2014 International Symposium on Power Electronics, Electrical Drives, Automation and Motion (SPEEDAM) : 18-20 June, 2014, Ischia, Italy : proceedings 2014 / p. 917-922 : ill

An electrolytic capacitor-less multiple-output LED driver with a universal input voltage

Awad, Khaled; Abdelrahim Abdelghafour, Omar Mohamed; Gaafar, Mahmoud A.; Orabi, Mohamed; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / 6 l. <https://doi.org/10.1109/ENERGYCON53164.2022.9830255>

Electromechanical voltage converters in electric transport of Estonia

Boiko, Vitali Actual Problems of Electrical Drives and Industry Automation : the 3rd Research Symposium of Young Scientists : Tallinn, Estonia, May 19-26, 2001 2001 / p. 74-75

Elekter võib olla tappev

Mars, Mario Minu Maailm 2016 / lk. 31 : ill http://www.ester.ee/record=b3033179*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V : kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 3, Rikkesilmuse näivtakistus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 3, Loop impedance (IEC 61557-3:2019)

2022 https://www.ester.ee/record=b5509793*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V : kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 7, Faasijärjestus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 7, Phase sequence (IEC 61557-7:2019)

2022 https://www.ester.ee/record=b5509797*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V : kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 7, Faasijärjestus = Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC : equipment for testing, measuring or monitoring of protective measures. Part 7, Phase sequence (IEC 61557-7:2019/AMD1:2023)

2023 https://www.ester.ee/record=b5652663*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V : kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 7, Faasijärjestus = Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC : equipment for testing, measuring or monitoring of protective measures. Part 7, Phase sequence (IEC 61557-7:2019+IEC 61557-7:2019/AMD1:2023)

2023 https://www.ester.ee/record=b5651790*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 10, Kombineeritud mõõteseadmed kaitseviiside katsetamiseks, mõõtmiseks ja seireks = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. Equipment for testing, measuring or monitoring of protective measures. Part 10, Combined measuring equipment for testing, measuring or monitoring of protective measures (IEC 61557-10:2000)

2010 https://www.ester.ee/record=b2630134*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 1, Üldnõuded = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 1, General requirements (IEC 61557-1:2019)

2021 https://www.ester.ee/record=b5479190*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 2, Isolatsioonitakistus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 2, Insulation resistance (IEC 61557-2:2019)

2021 https://www.ester.ee/record=b5479192*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 4, Maandusjuhtide ja potentsiaaliühthlustusjuhtide takistus =

Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 4, Resistance of earth connection and equipotential bonding (IEC 61557-4:2019)

2021 https://www.ester.ee/record=b5479193*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 5, Maandustakistus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 5, Resistance of earth (IEC 61557-5:2019)

2021 https://www.ester.ee/record=b5479568*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 6, Rikkevoolukaitseaparaatide tõhusus TT-, TN- ja IT-süsteemides = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 6, Effectiveness of residual current devices (RCD) in TT, TN and IT systems (IEC 61557-6:2019)

2021 https://www.ester.ee/record=b5479599*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed

Risthein, Endel 2010 https://www.ester.ee/record=b2594967*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed

Risthein, Endel 2010 https://www.ester.ee/record=b2594972*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed

Risthein, Endel 2009 https://www.ester.ee/record=b2462024*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed

Risthein, Endel 2009 https://www.ester.ee/record=b2462027*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed

Risthein, Endel 2009 https://www.ester.ee/record=b2462029*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed

Risthein, Endel 2009 https://www.ester.ee/record=b2462036*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed

Risthein, Endel 2009 https://www.ester.ee/record=b2462030*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed

Risthein, Endel 2009 https://www.ester.ee/record=b2462031*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed

Risthein, Endel 2009 https://www.ester.ee/record=b2478889*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed

Risthein, Endel 2009 https://www.ester.ee/record=b2478886*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed

Risthein, Endel 2009 https://www.ester.ee/record=b2478887*est

Elektrivarustuse tulevikuvisionid

Lehtla, Tõnu; Vinnal, Toomas 2015 http://www.ester.ee/record=b4511325*est

Elektrivarustuse tulevikuvisionid : [kõrgkooliõpik]

Lehtla, Tõnu; Vinnal, Toomas 2016 http://www.ester.ee/record=b4571559*est

Elektriõhuliinid vahelduvpingega üle 1 kV kuni 45 kV

Raesaar, Peeter; Metusala, Tiit 2008 https://www.ester.ee/record=b2379547*est

Elektriõhuliinid vahelduvpingega üle 1 kV. Osa 2-20, Eesti riiklikud erinõuded (SEN) [Võrguteavik] = Overhead electrical lines exceeding AC 1 kV. Part 2-20, National Normative Aspects (NNA) for Estonia (based on EN 50341-1:2012)

2015 http://www.ester.ee/record=b4469147*est

Elektriõhuliinid vahelduvpingega üle 1 kV. Osa 2-20, Eesti riiklikud erinõuded (SEN) [Võrguteavik] = Overhead electrical lines exceeding AC 1 kV. Part 2-20, National Normative Aspects (NNA) for Estonia (based on EN 50341-1:2012)

2018 https://www.ester.ee/record=b5186383*est

Elektriõhuliinid vahelduvpingega üle 45 kV

Raesaar, Peeter; Metusala, Tiit 2007 https://www.ester.ee/record=b2237817*est

An embedded half-bridge Γ -Z-source inverter with reduced voltage stress on capacitors

Mashinchi Maheri, Hamed; Vinnikov, Dmitri; Nozadian, Mohsen Hasan Babayi; Shokati Asl, Elias; Babaei, Ebrahim; Chub, Andrii Energies 2021 / art. 6433, 21 p. : ill <https://doi.org/10.3390/en14196433> [Journal metrics at Scopus](#) [Article at Scopus Journal metrics at WOS](#) [Article at WOS](#)

Energy management implementation approach for droop-controlled residential DC nanogrids

Hasan, Sayeed; Chub, Andrii; Yadav, Neelesh; Blinov, Andrei; Kurnitski, Jarek; Vinnikov, Dmitri 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 5 p <https://doi.org/10.1109/ICDCM63994.2025.11144665>

Energy management in residential DC microgrids - droop control-based approach

Hasan, Sayeed; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 23 ; poster 14 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Establishment of national standard of voltage unit in Estonia

Pokatilov, Andrei; Kübarsepp, Toomas 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. 157-160

Estimating the harmonic distortions in a distribution network supplying EV charging load using practical source data - case example

Kütt, Lauri; Saarijärvi, Eero; Lehtonen, Matti; Mölder, Heigo; Niitsoo, Jaan 2014 IEEE Power and Energy Society General Meeting : National Harbor, MD, USA, 27-31 July 2014 2014 / [5] p. : ill

Estimation of peak voltage value and its occurrence timing upon non-sinusoidal supply voltage

Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / p. 1-6 <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604412>

Evaluating responsibility for voltage unbalance emission in three-phase three-wire networks

Sayenko, Yuri; Kalyuzhnyi, Dmitry; Bolgov, Viktor; Baranenko, Tatiana 12th International Conference and Exhibition on Electrical Power Quality and Utilisation, Cracow, Poland, 14-15 September 2020 : conference proceedings 2020 / 6 p. : ill <https://doi.org/10.1109/EPQU50182.2020.9220312>

Evaluation of different high-voltage switch solutions for high-power converters used in rolling stock [Electronic resource]

Vinnikov, Dmitri; Laugis, Juhan; Jalakas, Tanel ISIE08 : 2008 IEEE International Symposium on Industrial Electronics : 30 June - 2 July 2008, Cambridge, United Kingdom 2008 / p. 214-219 : ill. [CD-ROM] <https://ieeexplore.ieee.org/document/4677124>

Experimental study of voltage-fed quasi-z-source inverter based isolated DC/DC converter

Vinnikov, Dmitri; Roasto, Indrek; Strzelecki, Ryszard Electrical engineering research report 2009 / [7] p

Experimental verification of DC/DC converter with full-bridge active rectifier

Blinov, Andrei; Ivakhno, Volodymyr; Zamaruev, Vladimir; Vinnikov, Dmitri; Husev, Oleksandr IECON 2012 : 38th Annual Conference of the IEEE Industrial Electronics Society : Industrial Electronics for Sustainable Development 2012 / p. 5179-5184 : ill <https://ieeexplore.ieee.org/document/6389549>

Fault detection and protection system for the power converters with high-voltage IGBTs [Electronic resource]

Vinnikov, Dmitri; Roasto, Indrek; Lehtla, Tõnu ICECS 2008 : The 15th IEEE International Conference on Electronics, Circuits and Systems : August 31 - September 3, 2008, Malta 2008 / p. 922-925 : ill. [CD-ROM] <https://ieeexplore.ieee.org/document/4675005>

Feasibility study of high-power density of modified isolated CLLC DC-DC interface with wide range of voltage/current regulation

Husev, Oleksandr; Matiushkin, Oleksandr; Mohseni, Parham; Canales, Francisco PCIM Europe 2024 2024 / 10 p

<https://doi.org/10.30420/566262111> [Conference proceedings at Scopus](#) [Article at Scopus](#)

GaAs based diffusion welded high voltage diode stacks [Electronic resource]

Toompuu, Jana; Korolkov, Oleg; Sleptšuk, Natalja; Voitovitš, Viktor; Rang, Toomas IEEE International Conference on Semiconductor Electronics CD-ROM Proceedings 2010 / [4] p <https://ieeexplore.ieee.org/document/5549505>

Guidelines for power quality monitoring – results from CIGRE/CIREN JWG C4.112

Kilter, Jako; Elphick, Sean; Meyer, Jan; Milanovic, Jovica V. Proceedings of 2014 16th International Conference on Harmonics and Quality of Power (ICHQP) : University POLITEHNICA of Bucharest, Bucharest, Romania, 25-28 May 2014 2014 / p. 703-707 : tab

Guidelines for power quality monitoring : measurement locations, processing and presentation of data

Milanovic, Jovica V.; **Kilter, Jako** 2014

Half-bridge trans-Z-source inverter with high boost factor

Mashinchi Maheri, Hamed; Shokati Asl, Elias; Babaei, Ebrahim; Sabahi, Mehran; Vinnikov, Dmitri IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society 2021 / p. 1-6 : ill <https://doi.org/10.1109/IECON48115.2021.9589525> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Harmonic currents and voltages in industrial LV networks - case studies

Vinnal, Toomas; Kütt, Lauri; Jarkovoi, Marek 2018 International Symposium on Power Electronics, Electrical Drives, Automation and Motion (SPEEDAM 2018) : Amalfi, Italy, 20-22 June 2018 2018 / p. 177-182 : ill <https://doi.org/10.1109/SPEEDAM.2018.8445234>

Harmonic currents and voltages in LV networks of Estonia : measurement results, case studies

Vinnal, Toomas; Jarkovoi, Marek; Kütt, Lauri 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 7 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659875>

Harmonic load of residential distribution network - case study monitoring results

Kütt, Lauri; Saarijärvi, Eero; Lehtonen, Matti; **Mölder, Heigo; Vinnal, Toomas** PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 93-98 : ill

Harmonic losses in induction motors caused by voltage waveform distortions

Mölder, Heigo; Vinnal, Toomas; Beldjajev, Viktor PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia 2010 / p. 143-148 : ill

Harmonic voltages and currents in LV industrial power systems, shunt capacitors and additional power losses

Vinnal, Toomas; Kalda, Heljut; Mölder, Heigo 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 47-52 : ill

A high step-up non-isolated dc-dc converter with low voltage stress across transistor

Pourjafar, Saeed; Hemmati Shahsavari, Tala; Hashemzadeh, Seyed Majid; **Husev, Oleksandr; Matiushkin, Oleksandr; Vinnikov, Dmitri** IEEE transactions on industrial electronics 2024 / p. 15755-15767 <https://doi.org/10.1109/TIE.2024.3383025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-efficient switched-capacitor step-up DC–DC converter with partial power processing

Toebe, Ademir; Bulegon Löbler, Pedro Henrique; **Dos Santos, Niwton Gabriel Feliciani;** Beltrame, Rafael Concatto; Schuch, Luciano; Rech, Cassiano IECON 2025 – 51st Annual Conference of the IEEE Industrial Electronics Society 2025 / 6 p <https://doi.org/10.1109/IECON58223.2025.11221931>

A hybrid modulation approach for step-up/ down partial power converter with improved MPPT efficiency around zero partiality

Yadav, Neelesh; Chub, Andrii; Hassanpour, Naser; Blinov, Andrei; Vinnikov, Dmitri; Galkin, Ilya IEEE transactions on industry applications 2025 <https://doi.org/10.1109/TIA.2025.3525607>

IEC standardpined

Oidram, Rein 2007 https://www.ester.ee/record=b2335590*est

IEC standardpined = IEC standard voltages. (IEC 60038:2009)

2011 https://www.ester.ee/record=b2696550*est

Impedance network impact on the controller design of the QZSI for PV applications

Liu, Wenjie; Yang, Yongheng; Kerekes, Tamas; **Liivik, Elizaveta;** Blaabjerg, Frede 2020 IEEE 21st Workshop on Control and Modeling for Power Electronics (COMPEL), Aalborg, Denmark, November 9-12, 2020 2020 / 6 p

Impedance network-based diode-clamped multilevel inverter voltage balancing with cascaded voltage multiplier

Ebrahimi, Ali; Babaei, Ebrahim; Mousavi, S. M. J.; Mashinchi Maheri, Hamed; **Jalakas, Tanel** 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p <https://doi.org/10.1109/RTUCON60080.2023.10413166>

Impedance-source inverter-based high-power DC/DC converter for fuel cell applications

Egorov, Mikhail; Vinnikov, Dmitri; Strzelecki, Ryszard; Adamowicz, Marek 8 IEEEIC International Conference on Environment and Electrical Engineering : Karpacz, Poland, 10-13.May 2009 2009 / p. 57-60 : ill <http://eeeic.org/proc/papers/109.pdf>

Improved fractional open circuit voltage MPPT methods for PV systems

Baimel, Dmitry; Tapuchi, Saad; Levron, Yoash; **Belikov, Juri** Electronics 2019 / art. 321 <https://doi.org/10.3390/electronics8030321>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An improved nine-level switched capacitor-based inverter with voltage boosting capability and limitation of capacitor current spikes for PV applications

Vosoughi Kurdkandi, Naser; Marangalu, Milad Ghavipanjeh; Naderi, Yahya; **Husev, Oleksandr;** Hosseini, Seyed Hossein; Siwakoti, Yam P.; Mehri-Sani, Ali IET renewable power generation 2023 / p. 725-749 <https://doi.org/10.1049/rpg2.12630> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An improved ZVS high step-up converter based on coupled inductor and built-in transformer

Nouri, Tohid; **Vosoughi Kurdkandi, Naser; Husev, Oleksandr** IEEE transactions on power electronics 2021 / p. 13802-13816 : ill <https://doi.org/10.1109/TPEL.2021.3088092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Increasing PV hosting capacity in LV distribution networks using congestion control techniques

Shabbir, Noman 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 87-88 https://www.eester.ee/record=b5504019*est

Indirect power factor correction method and corresponding sensorless switch-mode resonant AC/DC converter [Electronic resource]

Šklovski, Jevgeni; Janson, Kuno IECON'2006 : the 32nd Annual Conference of the IEEE Industrial Electronics Society :November 6-10, 2006, Paris : proceedings 2006 / p. 2378-2383 : ill. [CD-ROM] <https://ieeexplore.ieee.org/document/4153375>

Induction generator with direct control and a limited number of measurements on the side of the converter connected to the power grid

Kasproicz, Andrzej Bogdan; **Husev, Oleksandr;** Strzelecki, Ryszard Energies 2023 / art. 63, 23 p. : ill <https://doi.org/10.3390/en16010063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of second-order lines on the quantitative wavelength dispersive spectrometry analysis at low accelerating voltages

Mikli, Valdek Microchimica acta 2006 / 1/2, p. 205-208 <https://link.springer.com/content/pdf/10.1007/s00604-006-0544-7.pdf>

Influence of vapour transport deposition conditions on properties of SB2SE3 thin film absorber and solar cells

Gopi, Sajeesh Vadakkedath; Spalatu, Nicolae; Katerski, Atanas; Krunks, Malle; Oja Acik, Ilona Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 18 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Interlaboratory comparison of voltage transformer

Baraškova, Tatjana Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 11-14

Investigating the progression of insulation degradation in power cable based on partial discharge measurements

Hassan, Waqar; **Shafiq, Muhammad;** Hussain, Ghulam Amjad; **Choudhary, Maninder; Palu, Ivo** Electric power systems research 2023 / art. 109452 <https://doi.org/10.1016/j.epr.2023.109452> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Isolaatorite ja nenede makettide läbilöögi võrdlev uurimine mitmesugustes keskkondades

Svinolupov, G. XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 100-101 https://www.eester.ee/record=b1322611*est

Isolated DC/DC converter based voltage measuring system for series connected supercapacitor cells

Sirmelis, Ugis; Grigans, Linards; Kroics, Kaspars; **Zakis, Janis** 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 443-446 : ill <http://dx.doi.org/10.1109/CPE.2015.7231116>

Isolated DC/DC converter topology with a three-phase intermediate AC-link

Vinnikov, Dmitri 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. 241-244 : ill

Kaitseaparaadid

Lahtmets, Rain 2006 http://www.ester.ee/record=b2113826*est

Kaksik- ja küllastusreaktoriga pingestabilisaator

Leibengrub, G.; Järvik, Jaan; Reiner, Ardi XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 61 https://www.ester.ee/record=b2449987*est

230/400 contra 220/380

Risthein, Endel Energiavarustus ja -sääst. Informatsiooniseeria 17 : bülletään 1989 / lk. 1-7 https://www.ester.ee/record=b1248096*est

Kõrgendatud elektromagnetilise sobitavusega (ühitatavusega) reaktiivvõimsuse kompensatsiooni ja pingereguleerimisseadeldised

Järvik, Jaan Kõrgema tehnilise hariduse ja tehnilise mõtte areng Eestis 1988 / lk. 16-41

Kõrgepingekatsetehnika

Metusala, Tiit; Oidram, Rein 2008 https://www.ester.ee/record=b2462038*est

Kõrgepingeaotla ja juhtimisaparatuur

Treufeldt, Ülo; Oidram, Rein 2009 https://www.ester.ee/record=b2466690*est

Kõrgepingeaotla ja juhtimisaparatuur. Osa 103, Vahelduvvoolu koormuslülitid nimipingetele üle 1 kV kuni 52 kV kaasaarvatult = High-voltage switchgear and controlgear. Part 103, Alternating current switches for rated voltages above 1 kV up to and including 52 kV (IEC 62271-103:2021)

2024 https://www.ester.ee/record=b5654231*est

Kõrgepingeaotla ja juhtimisaparatuur. Osa 108, Kõrgepingevahelduvvoolu lahk-võimsuslülitid nimipingetele üle 52 kV [Võrguteavik] = High-voltage switchgear and controlgear. Part 108, High-voltage alternating current disconnecting circuit-breakers for rated voltages above 52 kV (IEC 62271-108:2020)

2021 https://www.ester.ee/record=b5412986*est

Kõrgepingeline lülitus- ja juhtimisaparatuur. Osa 1, Vahelduvvoolu lülitus- ja juhtimisaparatuuri üldliigitus [Võrguteavik] = High-voltage switchgear and controlgear. Part 1, Common specifications for alternating current switchgear and controlgear (IEC 62271-1:2017/AMD1:2021)

2022 https://www.ester.ee/record=b5485887*est

Kõrgepingeline lülitus- ja juhtimisaparatuur. Osa 1, Vahelduvvoolu lülitus- ja juhtimisaparatuuri üldliigitus [Võrguteavik] = High-voltage switchgear and controlgear. Part 1, Common specifications for alternating current switchgear and controlgear (IEC 62271-1:2017)

2017 http://www.ester.ee/record=b4768187*est

Leakage currents in 4H-SiC JBS diodes

Ivanov, Pavel; Korolkov, Oleg; Sleptšuk, Natalja Semiconductors 2012 / p. 397-400 : ill
<https://link.springer.com/article/10.1134/S106378261203013X>

Liigpinged madalpingevõrkudes : [seminaridest]

Liin, Heljut Pingering 1998 / 5. märts, lk. 4

Liigpingekaitse

Risthein, Endel 2007 https://www.ester.ee/record=b2289284*est

Liigpingepiirik - mis ja milleks?

Toomsalu, Arvo Arvutimaailm 1999 / 1, lk. 42-45: ill https://artiklid.elnet.ee/record=b1000082*est

Liigpingepiirikud

Oidram, Rein; Tammoja, Heiki 2004 https://www.ester.ee/record=b2006452*est

Liigpingepiirikud

Terno, Olaf; Metusala, Tiit; Tammoja, Heiki 2004 https://www.ester.ee/record=b2006459*est

Liigpingepiirikud

Oidram, Rein; Metusala, Tiit; Oidram, Rein; Teemets, Raivo; Riit, Tarmo 2009 https://www.ester.ee/record=b2536957*est

Load current stabilisation and suppression of flicker in AC arc furnace power supply by series-connected saturable reactor

Bolgov, Viktor; Järvik, Jaan 5th International Scientific Conference : Electric Power Engineering 2003 : January 28-29, 2003, Beskydy Pension, Visalaje Czech Republic 2003 / p. 5-15 : ill

Load current stabilization and suppression of flicker in AC arc furnace power supply by series-connected saturable reactor

Bolgov, Viktor 2004 https://www.ester.ee/record=b1953746*est

Load shifting in the existing distribution network and perspectives for EV charging - case study

Kütt, Lauri; Saarijärvi, Eero; Lehtonen, Matti; Rosin, Argo; Mölder, Heigo 2014 5th IEEE PES Innovative Smart Grid Technologies Europe (ISGT Europe) : October 12-15, Istanbul 2014 / p. 1-6 : ill

A low voltage high input bandwidth downconversion mixer

Vauhkonen, Ari; Grahn, Kaj J. BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 469-470 : ill https://www.ester.ee/record=b2150914*est

Madalpingepaigaldiste liigpingekaitse

Risthein, Endel 2002 https://www.ester.ee/record=b1645101*est

Mathematical model for assessment of voltage disturbing sources in networks with distributed power generation

Sayenko, Yuri; Kalyuzhniy, Dmitry; **Bolgov, Viktor; Kütt, Lauri** Przegląd elektrotechniczny = Electrical review 2019 / p. 49-53 : ill <https://doi.org/10.15199/48.2019.03.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Measurements and analyses of supply voltage magnitude and voltage variations in Estonian industrial companies

Vinnal, Toomas; Kalda, Heljut; Mölder, Heigo 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 46-51 : ill

Model verification for analysis of wind power impact to transient stability in isolated power system using combined relay protection and dynamics modelling approach

Maripuu, Rain; Tsernobrovkin, Oleg; Palu, Ivo; Kilter, Jako PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 169-174 : ill <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=6256222>

Modeling and analysis of voltage unbalance and its influence on transmission network and power quality

Sarnet, Tanel; Kilter, Jako Electrical and Control Technologies : proceedings of the the 7th International Conference on Electrical and Control Technologies ECT-2012 2012 / p. 179-182 : ill

Modelling of distribution level coreless induction furnace for rapid voltage change assessment

Trummal, Tarmo; Sarnet, Tanel; Kilter, Jako Electric power systems research 2021 / art. 107151 <https://doi.org/10.1016/j.epsr.2021.107151> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of high-speed electrical railway system for transmission network voltage quality analysis : Rail Baltic case study

Kilter, Jako; Sarnet, Tanel; Kangro, Triin PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 323-328 : ill

Modelling of voltage transients on inverter fed AC induction motor

Lehtla, Tõnu Stockholm Power Tech : International Symposium on Electrical Power Engineering : June 18-22, 1995 : [papers]. Electrical machines and drives 1995 / p. 438-439

An MPPT algorithm for PV systems based on a simplified photo-diode model

Restrepo, Carlos; Gonzalez-Castano, Catalina; Munoz, Javier; **Chub, Andrii; Vidal-Ildarte, Enric; Giral, Roberto** IEEE Access 2021 / p. 33189-33202 <https://doi.org/10.1109/ACCESS.2021.3061340> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Negative and positive lightning impulse flashover voltages of service-aged medium voltage porcelain support insulator

Kiitam, Ivar 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 159-160 : ill https://www.ester.ee/record=b5291755*est

A new high step-up NPC-based switched-capacitor seven-level grid-tied inverter for PV applications

Marangalu, Milad Ghavipanjeh; Mashinchi Maheri, Hamed; **Vinnikov, Dmitri; Jalakas, Tanel** 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p <https://doi.org/10.1109/RTUCON60080.2023.10413150>

New high-gain non-inverting buck-boost converter

Abdelrahim Abdelghafour, Omar Mohamed; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society 2021 / p. 1-6 : ill <https://doi.org/10.1109/IECON48115.2021.9590003> [Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A new single-phase flying inductor-based common grounded converter for dual-purpose application

Husev, Oleksandr; Vosoughi Kurdkandi, Naser; Marangalu, Milad Ghavipanjeh; **Vinnikov, Dmitri;** Hosseini, Seyed Hossein IEEE transactions on industrial electronics 2023 / p. 7913-7923 <https://doi.org/10.1109/TIE.2022.3215832> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new six-level transformer-less grid-connected solar photovoltaic inverter with less leakage current

Vosoughi Kurdkandi, Naser; Marangalu, Milad Ghavipanjeh; Mohammadsalehian, Shamim; Tarzamni, Hadi; Siwakoti, Yam P.; Islam, Md. Rabiul; Muttaqi, Kashem M. IEEE Access 2022 / p. 63736 - 63753: ill <https://doi.org/10.1109/ACCESS.2022.3182240> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New way to identify and assess voltage unbalance emission sources in three-phase three-wire electrical networks

Sayenko, Yuri; Kalyuzhnyi, Dmitry; **Bolgov, Viktor** Power quality in distribution networks with distributed generation : International Ukraine-Poland Seminar, Kiev, July 4-5, 2019 2019 / p. 65-72 : ill <https://doi.org/10.32073/iepl.2019.07>

New voltage mode control method for the quasi-Z-source-based isolated DC/DC converters [Electronic resource]

Roasto, Indrek; Vinnikov, Dmitri 2012 IEEE International Conference on Industrial Technology : proceedings CD 2012 / p. 655-660 : ill [CD-ROM] <https://ieeexplore.ieee.org/document/6210011>

Nimi- ja taluvpingetest ning isolatsiooni koordinaatsioonist

Metusala, Tiit; Oidram, Rein Elektriku teatmik 1997 / lk. 136-143

A novel extendable high gain step up DC-DC converter

Mashinchi Maheri, Hamed; Salehi Vala, Sama; Basit Mirza, Abdul; Babaei, Ebrahim; **Vinnikov, Dmitri** 2021 IEEE 62nd International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON): conference proceedings 2021 / p. 1-6 <https://doi.org/10.1109/RTUCON53541.2021.9711745>

A novel isolated Buck-Boost DC-DC converter with wide range of voltage regulations

Afshari, Hossein; Husev, Oleksandr; Vinnikov, Dmitri 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227443>

A novel single-phase common-grounded converter based on switched-capacitor

Kurdkandi, Naser Vosoughi; **Husev, Oleksandr; Matiushkin, Oleksandr; Vinnikov, Dmitri;** Gao, Wei; Chunting, Chris Mi IEEE transactions on power electronics 2024 / p. 16201-16216 <https://doi.org/10.1109/TPEL.2024.3444769> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Novel space vector pulse width modulation strategies for single-phase three-level NPC impedance-source inverters

Shults, Tatiana; **Husev, Oleksandr;** Blaabjerg, Frede; Roncero, Carlos; Romero-Cadaval, Enrique; **Vinnikov, Dmitri** IEEE transactions on power electronics 2019 / p. 4820-4830: ill <https://doi.org/10.1109/TPEL.2018.2859194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the effect of correlation by the measurement of alternating voltage

Baraškova, Tatjana Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 3-1, p. 208-217 : ill

Operation and design of series-resonant current-source full-bridge dc-dc converter

Verbytskyi, Ievgen; **Blinov, Andrei; Vinnikov, Dmitri;** Pefitsis, Dimosthenis IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society 2021 / 6 p <https://doi.org/10.1109/IECON48115.2021.9589548> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Optimal condition monitoring of high voltage circuit breakers

Asefi, Sajjad 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 81-82 : ill https://www.ester.ee/record=b5504019*est

Optimized modulation scheme for four-leg quasi Z-source inverter : reducing power loss and improving output quality

Abid, Abderahmane; **Bakeer, Abualkasim Ahmed Ali;** Albalawi, Hani; Zellouma, Laid; Bouzidi, Mansour; Lashab, Abderezak; Rabhi, Boualaga; **Chub, Andrii** IEEE Access 2023 / p. 94125-94137 <https://doi.org/10.1109/ACCESS.2023.3305263> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Outlook for creation of a controlled reactor for a nominal voltage of 1150 kV, power of 500-1000 MVA

Biki, M.; **Järvik, Jaan** Soviet electrical engineering 1991 / p. 44-45 https://www.ester.ee/record=b5680973*est

Output filter for the high-voltage DC/DC converter

Müür, Margus; Vinnikov, Dmitri 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 2007 / p. 118-121 : ill

Output rectifier for the high-voltage high-frequency isolated DC/DC converter

Jalakas, Tanel; Vinnikov, Dmitri; Laugis, Juhan Scientific proceedings of Riga Technical University. Serija 4, Power and electrical engineering 2007 / p. 84-95 : ill

Output rectifier for the high-voltage high-frequency isolated DC/DC converter

Roasto, Indrek; Vinnikov, Dmitri; Klytta, Marius Scientific proceedings of Riga Technical University. Serija 4, Power and electrical engineering 2007 / p. 75-83 : ill

Output voltage regulation of isolated PV-vonnected boost converters with variable loads using converted hysteresis sliding mode controller

Zolfaghari, Mahdi; Zolfaghari, A.; **Gharehpetian, Gevork B.; Ahmadihangar, Roya; Rosin, Argo** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 7 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227386>

An overview of measurement standards for power quality

Shabbir, Noman; Kütt, Lauri; Jarkovoi, Marek; Iqbal, Muhammad Naveed; Rassõlkin, Anton; Daniel, Kamran Agronomy research 2021 / p. 944–960 <https://doi.org/10.15159/ar.21.074> [Journal metrics at Scopus](#) [Article at Scopus](#)

An overview of wide-voltage range isolated DC-DC converters

Khan, Salman; Chub, Andrii; Vinnikov, Dmitri 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p <https://doi.org/10.1109/RTUCON60080.2023.10413144>

PCB design impact on GaN-Based converter operation

Husev, Oleksandr; Jalakas, Tanel; Vinnikov, Dmitri; Vosoughi Kurdkandi, Naser; Persson, Eric 2023 IEEE Applied Power Electronics Conference and Exposition (APEC), 19-23 March 2023 : proceedings 2023 / p. 640-650 <https://doi.org/10.1109/APEC43580.2023.10131547> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Performance evaluation of PD monitoring technique integrated into medium voltage cable network for smart condition assessment

Shafiq, Muhammad; Lehtonen, Matti; Hussain, Ghulam A.; **Kütt, Lauri** PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 351-357 : ill

Performance evaluation of step-up/down partial power converters based on current-fed DC-DC topologies

Yadav, Neelesh; Hassanpour, Naser; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri; Galkin, Ilya; Abdelrahim Abdelghafour, Omar Mohamed IEEE transactions on industry applications 2024 / p. 7111-7124 : ill <https://doi.org/10.1109/TIA.2024.3413050> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Performance improvement method for the voltage-fed qZSI with continuous input current

Vinnikov, Dmitri; Roasto, Indrek; Strzelecki, Ryszard; Adamowicz, Marek MELECON 2010 : the 15th IEEE Mediterranean Electrotechnical Conference : 25th-28th April 2010, Malta : book of abstracts 2010 / p. 135 <https://ieeexplore.ieee.org/document/5476229>

Pingekvaliteet elektrituulikuid sisaldavas nõrgas elektrivõrgus

Palu, Ivo Taastuvate energiaallikate uurimine ja kasutamine : seitsmenda konverentsi kogumik : [13. okt. 2005], Tartu, Estonia 2006 / lk. 25-30 : ill

Pingemuunduritega alalisvoolusüsteemide terminoloogia [Võrguteavik] = Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems (IEC 62747:2014+IEC 62747:2014/A1:2019)

2020 https://www.ester.ee/record=b5352701*est

Pingete standard IEC 38 Eestisse

Oidram, Rein Energia Teataja = Энерговестник 1996 / lk. 7-10, 33-37; 2/3, lk. 12-14, 41-43: ill https://www.ester.ee/record=b1072156*est

Power factor correction with vehicle-to-grid STATCOM implementation

Rassõlkin, Anton; Kallaste, Ants; Hõimoja, Hardi PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 177-180 : ill

Power losses in induction motors in relation to supply voltage quality

Vinnal, Toomas; Janson, Kuno; Kalda, Heljut PCIM 2010 Power Electronics, Intelligent Motion, Power Quality : Nuremberg, Germany, 4-6 May 2010 2010 / p. 636-642

Preliminary study on voltage level influence on harmonic current of LED lamps

Jarkovoi, Marek; Kütt, Lauri 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 116-120 : ill
http://www.ester.ee/record=b4650094*est

Probabilistic bivariate modeling of harmonic current

Jarkovoi, Marek; Kütt, Lauri; Iqbal, Muhammad Naveed 2020 19th International Conference on Harmonics and Quality of Power (ICHQP), 6-7 July 2020, Dubai, UAE 2020 / 6 p <https://doi.org/10.1109/ICHQP46026.2020.9177870>

Protection and common mode voltage of The Push-Pull Partial Power Converter

Abdelrahim Abdelghafour, Omar Mohamed; Vinnikov, Dmitri; Chub, Andrii; Blinov, Andrei IEEE Conference on Power Electronics and Renewable Energy : Luxor, Egypt, February, 19-21, 2023 2023 <https://doi.org/10.1109/CPERE56564.2023.10119636>

Provision of reactive power by nanogrids as part of a topological power plant in a low voltage network

Helguero Cruz, Jorge Luis; Galeano, Santiago; Rosin, Argo; Biechl, Helmuth 3rd International Conference on Smart Energy Systems and Technologies (SEST), Istanbul, Turkey, 7-9 September 2020 2020 / 6 p. : ill
<https://doi.org/10.1109/SEST48500.2020.9203456>

Pöördväljatrafoga plasmotroni tooteseade

Zaitsev, O.; Järvik, Jaan; Reiner, Ardi XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 65 https://www.ester.ee/record=b2449987*est

Reactive power sharing and voltage control for islanded microgrids at low voltage level

Helguero Cruz, Jorge Luis; Hutter, T.; Armstorfer, Andreas; Rosin, Argo; Biechl, Helmuth 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 133-137 : ill http://ise.elnet.ee/record=b2950045~S2*est

Reconfigurable three-switch leg multi-port boost inverters with novel modulation schemes for hybrid DC/AC microgrid systems

Reddy, M. Rama Narayana; Reddy, B. Dastagiri; Prabhakaran, Prajof; Chub, Andrii; Kouro, Samir IEEE Access 2025 / p. 77124-77146 <https://doi.org/10.1109/ACCESS.2025.3565791> <https://ieeexplore.ieee.org/document/10980297>

Research and development of voltage converter for trams

Vinnikov, Dmitri; Lehtla, Madis; Joller, Jüri; Laugis, Juhan Power and Electrical Engineering International Scientific Conference 2002 / ? p

Research and development of voltage converters based on 6,5 kV IGBTs

Jalakas, Tanel; Roasto, Indrek; Müür, Margus; Vinnikov, Dmitri; Laugis, Juhan International Youth Conference on Energetics IYCE-2007 : 31 May - 02 June, 2007, Budapest, Hungary : program & abstracts 2007 / p. 153-154 : ill

Research of over-voltages and other high frequency phenomena in long cable AC drives

Klytta, Marius; Lehtla, Tõnu; Naadel, Raul 4th International Workshop CPE 2005 : Compatibility in Power Electronics : Fifth International Research and Educational Colloquium on Electronics : 1-3 June 2005, Gdynia, Poland 2005 / p. 147-149 : ill

Research of over-voltages and other high frequency phenomena in long cable AC drives [Electronic resource]

Klytta, Marius; Lehtla, Tõnu; Naadel, Raul 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 / [5] p. : ill. [CD-ROM]

Research of switching properties and performance improvement methods of high-voltage IGBT based DC/DC converters = Kõrgepingelistel IGBT transistoridel põhinevate alalispingemuundurite lülitusomaduste ja jõudluse suuredamise meetodite uurimine

Blinov, Andrei 2012 http://www.ester.ee/record=b2856034*est

Research of the effect of correlation at the measurement of alternating voltage = Korrelatsiooni mõju uurimine vahelduvpinge mõõtmisel

Baraškova, Tatjana 2006 http://www.ester.ee/record=b2208758*est

Research, design and implementation of auxiliary power supplies for the light rail vehicles

Vinnikov, Dmitri; Lehtla, Tõnu 2005 https://www.ester.ee/record=b2097496*est

Review of technical solutions addressing voltage and operational challenges in a distribution grid with high penetration of intermittent RES

Astapov, Victor; Shabbir, Noman; Rosin, Argo; Kütt, Lauri; Maask, Vahur; Tiismus, Hans Energy reports 2025 / p. 1738-1760
<https://doi.org/10.1016/j.egyr.2025.08.019>

Robust operation of four-leg voltage source inverter using model-free predictive control

Bakeer, Abualkasim Ahmed Ali; Abid, Abderahmane; Albalawi, Hani A.; Magdy, Gaber; **Chub, Andrii**; Zaid, Sherif A. Journal of Electrical Engineering & Technology 2025 / p. 685-702 <https://doi.org/10.1007/s42835-024-02018-z>

Simple relationship between the breakdown voltage, concentration and junction depth pn diffused junctions

Rang, Toomas Physica status solidi. A, Applied research 1982 / p. K117-K119 : tab., joon https://www.ester.ee/record=b1562026*est

A simple space vector modulation method with DC-link voltage balancing and reduced common-mode voltage strategy for a three-level T-type quasi-Z source inverter

Mayorga, Nicolas; Roncero-Clemente, Carlos; Llor, Ana M.; **Husev, Oleksandr** IEEE Access 2021 / art. 9447724, p. 82747-82760 <https://doi.org/10.1109/ACCESS.2021.3087035> [Journal metrics](#) [Scopus Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simulation of grid connected three-level neutral-point-clamped qZS inverter using PSCAD

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Husev, Oleksandr; Vinnikov, Dmitri**; Stepenko, Serhii Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2013 / p. 14-19 : ill

A single-phase high-frequency isolated quasi-Z-source AC-AC converter without commutation problem and step-change frequency operation

Zargariashar, D.; Mousavi, S. M. J.; Babaei, Ebrahim; Mashinchi Maheri, Hamed; **Hassanpour, Naser** 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCon), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p <https://doi.org/10.1109/RTUCon60080.2023.10413096>

Sinusoidaalse pinge 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 1981 / lk. 70 https://www.ester.ee/record=b1322611*est

Sliding mode control based on super twisting algorithm for single-stage on-board charger

Guler, Naki; Komurcugil, Hasan; Bayhan, Sertac; **Vinnikov, Dmitri; Blinov, Andrei** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227481>

Solar optiverter - a novel hybrid approach to the photovoltaic module level power electronics

Vinnikov, Dmitri; Chub, Andrii; Kosenko, Roman; **Korkh, Oleksandr** IEEE transactions on industrial electronics 2019 / p. 3869-3880 <https://doi.org/10.1109/TIE.2018.2850036> [Tehnikaülikooli seade muudab päikesepaneelid märgatavalt tootlikumaks](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Standard for voltage unit : development of national standard for voltage unit based on solid-state references

Pokatilov, Andrei 2010 <https://www.amazon.com/Standard-Voltage-Unit-Development-Solid-State/dp/3838357396>

State coordinated voltage control in an active distribution network with on-load tap changers and photovoltaic systems

Singh, Praveen Prakash; Palu, Ivo Global Energy Interconnection 2021 / 9 p. : ill <https://doi.org/10.1016/j.gloi.2021.05.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Stator voltage analysis of frequency converter fed induction generator with broken rotor bars

Vaimann, Toomas; Belahcen, Anouar; Martinez, Javier; **Kilk, Aleksander** 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 249-251 : ill

Study of failures with 10kv and 35kv voltage transformers

Janson, Kuno; Järvik, Jaan; Kalda, Heljut; Šklovski, Jevgeni The 3rd International Conference Electric Power Quality and Supply Reliability, September 4...6, 2002, Haapsalu, Estonia : proceedings 2002 / p. 133-138 : ill

Study of partial discharge characteristics in medium voltage cable insulation with internal defect

Choudhary, Maninder; Palu, Ivo; Kiitam, Ivar; Shafiq, Muhammad; **Taklaja, Paul** 2024 IEEE International Conference on High Voltage Engineering and Applications (ICHVE) 2024 / 4 p <https://doi.org/10.1109/ICHVE61955.2024.10676188>

Study of the behaviour of partial discharges for proactive diagnostics in medium voltage cables

Shafiq, Muhammad; Kiitam, Ivar; Taklaja, Paul; Parker, Martin; Palu, Ivo; Kütt, Lauri 2021 IEEE PES/IAS PowerAfrica, PowerAfrica 2021 2021 / p. 1-5 <https://doi.org/10.1109/PowerAfrica52236.2021.9543233>

Study of transformer overvoltages under single-phase earth faults in 6...35 kV networks with insulated neutral point [Electronic resource]

Janson, Kuno; Järvik, Jaan; Kalda, Heljut; Külm, Evald; Šklovski, Jevgeni Electric Power Engineering 2003 : 5th International Scientific Conference : January 28-29, 2003, Beskydy Pension, Visalaje, Czech Republic : held by occasion of 25th Anniversary of Department of Electrical 2003 / [17] p. : ill. [CD-ROM]

Sujuva reguleerimisega parameetiline pingestabilisaator reguleeritava pingevahemikuga 3...100 V

Aasma, A.; Kupri, V.; Vahemetsa, Malle XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 68 https://www.ester.ee/record=b1322611*est

Super twisting sliding mode control strategy for input series output parallel converters

Guler, Naki; Bayhan, Sertac; Fesli, Ugur; **Blinov, Andrei; Vinnikov, Dmitri** IEEE Access 2023 / p. 107394-107403

<https://doi.org/10.1109/ACCESS.2023.3320178> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Supply voltage level optimization in industrial low voltage networks

Vinnal, Toomas; Janson, Kuno; Kalda, Heljut; Sakkos, Tiit PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 149-154 : ill

<https://ieeexplore.ieee.org/document/6256219>

Supply voltage quality in low voltage industrial networks of Estonia

Vinnal, Toomas; Janson, Kuno; Järvik, Jaan; Kalda, Heljut; Sakkos, Tiit Estonian journal of engineering 2012 / p. 102-126 : ill

Switch-mode power supplies for plasma-arc systems

Soojärv, J.; Dragunov, V.; Tomson, Teolan BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 373-376: ill

Sünkroongeneraatori elektromotoorse jõu ning pinge vahelse nurga θ määramisest

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>

Synthesis and design of power converters with reduced distortions using optimal energy exchange control : [thesis submitted for the degree of Dr. of Engineering of Tallinn Technical University]

Sarv, Vello 1994 http://www.ester.ee/record=b1065475*est

Synthesis control of charge separation at anatase TiO₂ thin films studied by transient surface photovoltage spectroscopy

Dittrich, Thomas; **Sydorenko, Jekaterina; Spalatu, Nicolae**; Nickel, Norbert H.; **Mere, Arvo; Krunks, Malle; Oja Acik, Ilona** ACS applied materials & interfaces 2022 / p. 43163-43170 <https://doi.org/10.1021/acsami.2c09032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Teaduspreemia tehnikateaduste alal uurimuste tsükli "Uudsed alalispingemuundurid taastuenergeetikas" eest : Dimitri Vinnikov, Tanel Jalakas, Indrek Roasto

Vinnikov, Dmitri; Jalakas, Tanel; Roasto, Indrek Eesti Vabariigi teaduspreemiad 2014 2014 / lk. 64-74 : fot., ill

The potential of distribution grid as an alternative source for reactive power control in transmission grid

Astapov, Victor; Divshali, Poria; Söder, Lennart 2018 19th International Scientific Conference on Electric Power Engineering (EPE 2018) : Brno, Czech Republic, 16-18 May, 2018 2018 / p. 64-69 : ill <https://doi.org/10.1109/EPE.2018.8396031>

The way of realization of algorithm of formation and estimation of parameters of the group - working standard of variable voltage

Baraškova, Tatjana OST-01 Symposium on Machine Design : Tallinn, Estonia, October 4-5, 2001 : proceedings 2001 / p. 175-181

Time dependency of current harmonics for switch-mode power supplies

Iqbal, Muhammad Naveed; Kütt, Lauri; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Demidova, Galina Applied sciences 2020 / art. 7806, 12 p. : ill <https://doi.org/10.3390/app10217806> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Traceability of voltage and resistance measurements in Estonia

Pokatilov, Andrei; Kübarsepp, Toomas Transverse Disciplines in Metrology : proceedings of the 13th International Metrology Congress : 2007, Lille, France 2009 / p. 533-542 <https://onlinelibrary.wiley.com/doi/abs/10.1002/9780470611371.ch46>

Trafo muutub väiksemaks ja nutikamaks : [koostööst TTÜ ja Poola Mereakadeemia teadlaste vahel]

Imeline Teadus 2014 / lk. 101

Triple-Loop Control Configuration for Grid-Connected LCL-Filtered Inverters Based on Time-Domain Design

Elkayam, Moria Sassonker; Vinnikov, Dmitri 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p. : ill <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227426>

Tuuletont

Tomson, Teolan Keskkonnatehnika 2004 / 6, lk. 46-47 : ill https://artiklid.elnet.ee/record=b1017254*est

Two-stage quasi-Z-source network based step-up DC/DC converter

Vinnikov, Dmitri; Roasto, Indrek; Strzelecki, Ryszard; Adamowicz, Marek ISIE 2010 : IEEE International Symposium on Industrial

Electronics : Bari, Italy, 4-7 July 2010 / p. 1143-1148 : ill <https://ieeexplore.ieee.org/document/5636562>

Using Clarke vector approach for stator current and voltage analysis on induction motors with broken rotor bars

Vaimann, Toomas; Kallaste, Ants; Kilk, Aleksander Elektronika ir elektrotehnika = Electronics and electrical engineering 2012 / p. 17-20 : ill

Using microcontrollers for high accuracy analogue measurements

Jaanus, Martin; Udal, Andres; Kukk, Vello; Umbleja, Kadri Elektronika ir elektrotehnika = Electronics and electrical engineering 2013 / p. 51-54 : ill <https://doi.org/10.5755/J01.eee.19.6.4559> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Utilizing demand response in load modelling for voltage and reactive power control studies

Drovtar, Imre; Leinakse, Madis; Tuttelberg, Kaur; Kilter, Jako IEEE transactions on power systems 2024 / 12 p <https://doi.org/10.1109/TPWRS.2024.3425157>

Uuring pakub metoodika Eesti võrkudest halva elektri tõrjumiseks [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2022 ["Uuring pakub metoodika Eesti võrkudest halva elektri tõrjumiseks"](#)

Waveform variation defined model for harmonic current emissions including cross-order supply voltage harmonics influence

Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek; Parker, Martin IEEE Access 2023 / p. 42276-42289 : ill <https://doi.org/10.1109/ACCESS.2023.3270805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wide range input current measurement circuit for switching step down DC-DC regulator

Mihhailov, Juri; Strik, Sergei PRIME 2012 : Aachen, Germany : Session TG3–Analog DC 2012 / p. 209-212 : ill <https://ieeexplore.ieee.org/document/6226162>

Wide range series resonant DC-DC converter with a reduced component count and capacitor voltage stress for distributed generation

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Blinov, Andrei; Lai, Jih-Sheng Energies 2021 / art. 2051 <https://doi.org/10.3390/en14082051> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wind power generation impact on Sõrve peninsula network operation in Saaremaa

Bolgov, Viktor; Janson, Kuno; Šklovski, Jevgeni; Palu, Ivo; Laanetu, Margus PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 175-782 : ill <https://ieeexplore.ieee.org/document/6256223>

Voltage dips and swells in low voltage networks of Estonia

Vinnal, Toomas; Jarkovoi, Marek; Kütt, Lauri 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659899>

Voltage inverter on GTO thyristors

Pikkov, Mihhail BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 487-488 : ill

Voltage ratio error estimation in ratio transformers

Jõers, Rein; Peterson, Jaak Analysis and synthesis of complicated systems and circuits with the aid of computers 1989 / p. 53-58

Volt-time characteristics of medium voltage overhead line porcelain pin insulators

Taklaja, Paul; Hyvönen, Petri; Niitsoo, Jaan; Palu, Ivo; Klüss, Joni; Kütt, Lauri 14th International Scientific Conference on Electric Power Engineering 2013 : Kouty nad Desnou, Czech Republic, 28 – 30 May 2013 : proceedings 2013 / p. 423-427

Üle 1 kV tugevvoolupaigaldistele uued standardid

Oidram, Rein Elektriala 2012 / lk. 30

Анализ многоступенчатых бинарных индуктивных делителей напряжения

Peterson, Jaak Тезисы докладов республиканской научно-технической конференции, посвященной 80-летию со дня изобретения радио А. С. Поповым 1975 / с. 77 https://www.ester.ee/record=b1322122*est

Анализ погрешностей индуктивного делителя напряжения с секцией связи

Peterson, Jaak Труды по электротехнике и автоматике : сборник статей. 13 1975 / с. 119-127 https://www.ester.ee/record=b2190710*est <https://digikogu.taltech.ee/et/Item/ffbd63ed-06d6-4bbb-9468-118f743cc87f>

Анализ схем компенсации реактивной мощности и улучшения качества напряжения в системе электроснабжения

машиностроительного завода

Janson, Kuno Исследование электрических машин и электромагнитных устройств специального назначения 1983 / с. 65-74 : ил https://www.ester.ee/record=b1271915*est <https://digikogu.taltech.ee/et/Item/d1676714-579b-4ec9-949f-401ab84c5a70>

Анализ точности и быстродействия автоматически коммутируемых индуктивных делителей напряжения

Peterson, Jaak Тезисы докладов республиканской научно-технической конференции, посвященной Дню радио. [1], Секция: Информационно-измерительная техника 1981 / с. 5-6 https://www.ester.ee/record=b1310782*est

Влияние импеданса ключей на погрешности коммутируемых индуктивных делителей напряжения

Peterson, Jaak Расчет и проектирование измерительных преобразователей 1983 / с. 11-17 : ил https://www.ester.ee/record=b1288985*est <https://digikogu.taltech.ee/et/Item/4e3815a3-f217-4ae2-9776-1b5ea3c25959>

Вопросы автоматизации калибраторов напряжения

Mägi, Harri; Rebane, Raul-Vello; Rüstern, Ennu; Hunt, I. Тезисы докладов научно-технической конференции, посвященной Дню радио 1974 / с. 28-29 https://www.ester.ee/record=b1294751*est

Высокоомный ламповый вольтметр для измерений под напряжением

Sügis, Anatol Сборник статей по химии и химической технологии. 8 1962 / с. 135-137 https://www.ester.ee/record=b2181584*est <https://digikogu.taltech.ee/et/Item/6ec4da4c-96e0-445e-b789-9dde4bb0db38>

Двенадцатипульсный преобразователь переменного напряжения в режиме устройства частоты : препринт

Sakkos, Heinar; Sakkos, Tiit 1991 https://www.ester.ee/record=b1235621*est

Двухфазно управляемые трехфазные многопульсные преобразователи переменного напряжения

Sakkos, Heinar; Sakkos, Tiit Техническая электродинамика 1990 / 1, с. 57-62

Дисперсия при измерении среднеквадратичного значения напряжения шума

Eiskop, Ilmar; Tammet, Heinar Теоретические основы методов и приборов измерения параметров слабых сигналов 1978 / с. 15-18 : илл https://www.ester.ee/record=b1507107*est <https://digikogu.taltech.ee/et/Item/1524861c-27a1-4936-be6e-31160db82c3b>

Долгосрочное прогнозирование электрических нагрузок при ведении горностроительных работ

Belitski, Valeri; Plaššanski, L.A. Автоматизированные системы управления электроснабжением горных предприятий : [Сборник] 1978 / с. 14-15

Инвертор напряжения на базе запираемых тиристоров

Pikkov, Mihhail Automation, simulation & measurement. Section A, Automation. Section M, Measurement : 3rd biennial conference : Tallinn, Estonia, October 7-11, 1991 = Automatiseerimine, modelleerimine ja mõõtmise : 3. rahvusvaheline konverents / Tallinna Tehnikaülikool 1992 / с. 151-155: ил https://www.ester.ee/record=b1064034*est

Исследование влияния параметров коммутационных элементов на метрологические характеристики индуктивных делителей напряжения : автореферат ... кандидата технических наук (05.11.05)

Peterson, Jaak 1979 https://www.ester.ee/record=b1537640*est

Исследование схемы балансного диодного регенеративного компаратора напряжений

Pikkov, Otto Автоматика и вычислительная техника : [сборник статей] 1966 / с. [?] https://www.ester.ee/record=b2083934*est

Исследование централизованного регулирования напряжения на основе статистического анализа оптимальных режимов распределительной сети

Sirkel, Rein; Tiigimägi, Eeli Энергетические системы : сборник статей. 5 1974 / с. 41-46 https://www.ester.ee/record=b2190662*est <https://digikogu.taltech.ee/et/Item/11c437c8-2c10-4297-aa20-712c96721051>

Исследование частотных и импульсных характеристик индуктивного делителя напряжения : диссертация ... кандидата технических наук

Eiskop, Ilmar 1969 http://www.ester.ee/record=b2411163*est

Исследование электрической прочности некоторых фторсодержащих жидкостей при низких давлениях и температурах

Annus, Aleksander; Metusala, Tiit; Spirka, V. Электрические машины и аппараты 1971 / с. 169-172 : илл https://www.ester.ee/record=b2083966*est

К учету допустимых отклонений напряжения при оптимизации нормальных режимов распределительных сетей

Raesaar, Peeter; Seier, Gustav Энергетические системы : сборник статей. 5 1974 / с. 65-69 https://www.ester.ee/record=b2190662*est <https://digikogu.taltech.ee/et/Item/11c437c8-2c10-4297-aa20-712c96721051>

Коммутационные погрешности многоступенчатых индуктивных делителей напряжения

Peterson, Jaak Труды по электротехнике и автоматике : сборник статей. 11 1973 / с. 163-170 : илл

https://www.ester.ee/record=b2190624*est <https://digikogu.taltech.ee/et/Item/d6e57925-e104-44e1-a218-c5b3110d9996>

Коммутационные процессы в индуктивных делителях напряжения

Peterson, Jaak Труды по электротехнике и автоматике : сборник статей. 13 1975 / с. 111-118 : илл
https://www.ester.ee/record=b2190710*est <https://digikogu.taltech.ee/et/Item/ffbd63ed-06d6-4bbb-9468-118f743cc87f>

Координация напряжений перекрытия и пробоя стеклянных изоляторов 6-20 кВ при грозовых импульсах

Annus, Aleksander; Grossman, Otto; Metusala, Tiit; Oidram, Rein; Tarupere, Olev Грозозащита в районах с высоким удельным сопротивлением грунта : [материалы заседания "Научные основы электрофизики и электроэнергетики", 8-10 сент. 1980 г.] 1981 / с. 92-97 https://www.ester.ee/record=b4501385*est

Математические модели и методы анализа трансформаторных делителей напряжения : автореферат ... кандидата технических наук (05.11.05)

Jõers, Rein 1982 https://www.ester.ee/record=b2340399*est

Методы оценок ковариаций при измерении переменного напряжения

Baraškova, Tatjana Системи обробки інформації 2006 / с. 7-10

Многопульсные трехфазные преобразователи переменного напряжения с двухфазной системой управления : препринт

Sakkos, Heinar; Sakkos, Tiit 1990 https://www.ester.ee/record=b1275285*est

Напряжение на нагрузке и коэффициент усиления магнитного усилителя, работающего на противо-э.д.с.

Davõdov, Igor Электромеханика. 3 1970 / с. 3-8 : илл https://www.ester.ee/record=b2189951*est
<https://digikogu.taltech.ee/et/Item/ba0097d6-af8f-4557-96a1-ac545e315074/>

Нелинейные делители напряжения с широтно-импульсной модуляцией

Rebane, Raul-Vello; Rüstern, Ennu Тезисы докладов научно-технической конференции, посвященной Дню радио 1974 / с. 16-17 https://www.ester.ee/record=b1294751*est

Низкочастотные погрешности многоступенчатых индуктивных делителей напряжения

Jõers, Rein Труды по электротехнике и автоматике : сборник статей. 11 1973 / с. 117-126 : илл
https://www.ester.ee/record=b2190624*est <https://digikogu.taltech.ee/et/Item/d6e57925-e104-44e1-a218-c5b3110d9996>

О влиянии разделительного конденсатора на работу синхронного детектора

Korsen, Viljo Тезисы докладов научно-технической конференции, посвященной Дню радио 1974 / с. 37-38
https://www.ester.ee/record=b1294751*est

О возможности измерения действующего значения напряжения посредством простых диодных детекторов

Tamm, Uljas Доклады Научно-технической конференции по итогам научно-исследовательских работ за 1968-1969 г. (Апр. 1970 г.): Секция автоматики, вычислительной и измерительной техники. Подсекция измерительной техники 1969 / с. 64-70

О допустимом понижении влагоразрядного напряжения загрязненных изоляторов 10 кВ при рабочем напряжении

Oidram, Rein Тезисы рабочего совещания IV секции Научного Совета по теоретическим и электрофизическим проблемам повышения надежности и долговечности изоляции сетей с изолированной нейтралью 1981 / с. 75-78
https://www.ester.ee/record=b1326763*est

О погрешности детектора действующих значений со скользящим смещением, обусловленной пульсациями и флуктуациями выходного напряжения

Tamm, Uljas Известия высших учебных заведений. Приборостроение 1973 / с. 24-27 https://www.ester.ee/record=b3249125*est

О погрешности квазиквадратичного детектора при измерении действующего значения малоискаженного синусоидального напряжения

Niine, Ülo; Tamm, Uljas Автометрия 1973 / с. 89-93 : илл https://www.ester.ee/record=b1515133*est

О расчете активных электрических нагрузок с применением вычислительных средств

Risthein, Endel Промышленная энергетика : ежемесячный производственно-технический журнал 1980 / с. 22-23 : илл
https://www.ester.ee/record=b2151157*est

О целесообразности увеличения обратного напряжения силовых кремниевых диодов

Vaher, G.; Tarma, Mati Применение эпитаксиальной технологии в производстве силовых полупроводниковых приборов : сборник материалов Всесоюзного научно-технического семинара. Часть 1 1978 / с. 21-24 : ил
https://www.ester.ee/record=b1273235*est

Об одной возможности воспроизведения функций двух переменных

Viira, Tarmo Энергетические системы : сборник статей. 3 1969 / с. 23-30 : илл https://www.ester.ee/record=b2183089*est
<https://digikogu.taltech.ee/et/Item/5c34d1a9-5ba8-40b8-81f9-efa3dc9c672a/>

Об определении пробивного напряжения стеклянных линейных штыревых изоляторов

Metusala, Tiit; Tapupere, Olev; Oidram, Rein; Annus, Aleksander; Grossman, Otto Известия высших учебных заведений. Энергетика : ежемесячный научно-технический журнал 1977 / с. 21-25 https://www.ester.ee/record=b2715666*est

Оптимальный закон централизованного регулирования напряжения в распределительной сети

Sirkel, Rein; Tiigimägi, Eeli Тезисы докладов республиканской научно-технической конференции "Состояние и проблемы электрификации сельского хозяйства Эстонской ССР в 1971-1975 гг." : 20-22 апреля 1971 г., посвященной XXIV съезду КПСС 1971 / с. 96-100 https://www.ester.ee/record=b1409889*est

Оценка колебаний напряжения сети по характеристике реактивной составляющей тока источника питания дуговой нагрузки

Janson, Kuno Исследование электромашинных и электромагнитных устройств управления и контроля специального назначения 1989 / с. 3-9

Оценка погрешности детектора действующих значений со скользящим смещением от формы кривой измеряемого напряжения

Tamm, Uljas; Hartšenko, R. Автометрия 1969 / с. 123-126 : илл https://www.ester.ee/record=b1515133*est

Переходная характеристика индуктивных делителей напряжения

Jöers, Rein; Sillamaa, Hanno; Eiskop, Ilmar Известия высших учебных заведений. Приборостроение 1970 / с. 26-30 https://www.ester.ee/record=b3249125*est

Погрешности многоступенчатых индуктивных делителей напряжения от переходного сопротивления коммутационных элементов

Peterson, Jaak Труды по электротехнике и автоматике : сборник статей. 11 1973 / с. 155-161 : илл https://www.ester.ee/record=b2190624*est <https://digikogu.taltech.ee/et/Item/d6e57925-e104-44e1-a218-c5b3110d9996>

Разность напряжений база-эмиттер дифференциальных пар биполярных транзисторов

Gurjanov, Boriss; Järvalt, Aldur Труды по электротехнике и автоматике : сборник статей. 14 1976 / с. 45-48 : илл https://www.ester.ee/record=b2190768*est <https://digikogu.taltech.ee/et/Item/aa35e320-87b1-405b-9cac-3b90c51867d1>

Разработка и исследование статического преобразователя напряжения для трамвая

Vinnikov, Dmitri Силовая электроника и энергоэффективность : международная научно-техническая конференция (МНТК СЭЭ'2002) 2002 / ? р

Расчет токов, напряжений и их симметричных составляющих трехфазной несимметричной машины

Jänes, Hans; Kont, Alar XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 76 https://www.ester.ee/record=b1359832*est

Расчетное исследование колебаний температуры и термических напряжений при переходном режиме кипения в трубном пучке

Vares, Villu; Klevtsov, Ivan; Kruus, Rein; Käär, Harri; Mikk, Ilmar Проблемы работы котельных установок тепловых электростанций 1983 / с. 49-55 : ил https://www.ester.ee/record=b1286798*est <https://digikogu.taltech.ee/et/Item/0d56b840-b3dc-4df9-823e-4c96cd509e77>

Регулирование производительности индукционных насосов путем изменения частоты и напряжения

Irs, Rein; Külm, Evald; Tiismus, Hugo Исследование и проектирование электромагнитных средств перемещения жидких металлов : сборник трудов. 10 1973 / с. 67-82 : илл https://www.ester.ee/record=b2100340*est
<https://digikogu.taltech.ee/et/Item/3679d56d-2e5b-40d9-8ecf-23936b94edb5>

Регулятор-стабилизатор напряжения на базе управляемого реактора последовательного включения

Reiner, Ardi; Järvik, Jaan XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 164-165 https://www.ester.ee/record=b1306141*est

Регулятор-стабилизатор напряжения на базе управляемого реактора с аксиальным магнитным потоком

Reiner, Ardi; Järvik, Jaan Электромеханика. 6 1977 / с. 63-74 : илл https://www.ester.ee/record=b1302801*est
<https://digikogu.taltech.ee/et/Item/6ab0904b-cf1e-45cf-ad41-35a18abdb479>

Решение одной задачи стохастического распределения нагрузок в энергетической системе на аналоговой вычислительной машине

Lelumees, Heino Энергетические системы : сборник статей. 3 1969 / с. 15-21 : илл https://www.ester.ee/record=b2183089*est
<https://digikogu.taltech.ee/et/Item/5c34d1a9-5ba8-40b8-81f9-efa3dc9c672a/>

Сравнение компенсаторов реактивной мощности и путей улучшения качества напряжения в сетях с дугowymi

сталеплавильными печами

Janson, Kuno; Järvik, Jaan Проблемы электромагнитной совместимости силовых полупроводниковых преобразователей : тезисы докладов второго межведомственного научно-технического совещания 1982 / с. 125-126
https://www.ester.ee/record=b1309144*est

Сравнение путей и методов компенсации реактивной мощности и улучшения качества напряжения в сетях с дугowymi сталеплавильными печами

Janson, Kuno; Järvik, Jaan Interference v energetice : sborník přednášek [z konference poř.] ČÚV elektrotechn. společ. ČSVTS... [aj.] 31. 8.-2. 9. 1982 v Ostravě 1982 / s. 201-208

Схема измерения эквивалентного шумового напряжения биполярного транзистора

Tammet, Heinar Теоретические основы методов и приборов измерения параметров слабых сигналов 1978 / с. 19-22 : илл
https://www.ester.ee/record=b1507107*est <https://digikogu.taltech.ee/et/Item/1524861c-27a1-4936-be6e-31160db82c3b>

Тиристорный преобразователь напряжения : методическое руководство по курсовому проектированию

1985 https://www.ester.ee/record=b1227206*est

Точность деления среднего значения импульсного напряжения

Peterson, Jaak Труды по электротехнике и автоматике : сборник статей. 14 1976 / с. 63-68 : илл
https://www.ester.ee/record=b2190768*est <https://digikogu.taltech.ee/et/Item/aa35e320-87b1-405b-9cac-3b90c51867d1>

Трёхуровневый квази-импедансный инвертор с новым методом модуляции

Husev, Oleksandr; Stepenko, Serhii; Clemente, C.; Kadaval, E.; Vinnikov, Dmitri Технічна електродинаміка : тематичний випуск : силова електроніка та енергоефективність 2012 / с. 47-52 : ил

Универсальный по напряжению синхронный генератор

Удинцев, Дмитрий; Гнатюк, Виктор 35 научная конференция студентов втузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция электромеханики. Секция электроэнергетики 1991 / с. 44-47: ил

Установка для записи вольтамперных и вольтфарадных характеристик р-п-переходов

Gavrilov, Aleksei Физическая химия соединений А/III/B/IV/ 1987 / с. 49-54

Устройство для измерения среднего значения амплитуды установившегося напряжения

Бамбизов, Александр; Сугаков, Валерий 35 научная конференция студентов втузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция электромеханики. Секция электроэнергетики 1991 / с. 48-51: ил

Учет вероятностного характера нагрузок при расчете электрических сетей методом узловых напряжений

Tiigimägi, Eeli Энергетические системы : сборник статей. 3 1969 / с. 3-6 https://www.ester.ee/record=b2183089*est
<https://digikogu.taltech.ee/et/Item/5c34d1a9-5ba8-40b8-81f9-efa3dc9c672a/>

Частотная характеристика индуктивного делителя напряжения

Eiskop, Ilmar; Sillamaa, Hanno Вопросы радиоэлектроники, Серия "Радиоизмерительная техника" (РИТ) : научно-технический сборник 1968 / с. 98-104 : рис https://www.ester.ee/record=b2748441*est