

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

Comparative power quality analysis of right and left shunt UPQC topologies

Kumar, Pradeep; Gupta, Pradeep Kumar Proceedings of the International Conference on Systems, Control and Automation (ICSCA 2023) 2025 / p. 607-624 https://doi.org/10.1007/978-981-97-7384-8_52

A concept of using LED lamps in conjunction with traditional light sources

Milaševski, Irena; Armas, Jelena; Teemets, Raivo 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. 238-241 : ill

Control methodology of the rolling stock auxiliary power supply

Roasto, Indrek; 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. 122-125 : ill

Design of primary power supply for composite LED luminary

Milaševski, Irena; Galkin, Ilja 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 122-125 : ill

Design of renewable micro generation monitoring and control application

Lehtla, Madis; Kõivastik, Ivar; Möller, Taavi; Kallaste, Ants; Rosin, Argo PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia 2010 / p. 105-110 : ill

Development of auxiliary power supplies for the 3.0 kV DC rolling stock [Electronic resource]

Vinnikov, Dmitri; Laugis, Juhan; Jalakas, Tanel ISIE2007 : 2007 IEEE International Symposium on Industrial Electronics : June 4-7, 2007, Vigo, Spain 2007 / p. 359-364 [CD-ROM] <https://ieeexplore.ieee.org/document/4374624>

Ehitiste elektripaigaldised

Kroon, Kalju; Risthein, Endel 2006 https://www.ester.ee/record=b2155977*est

Elektritoiteseadmed

Martverk, Peep 1998 https://www.ester.ee/record=b1197935*est

Harmonic levels of domestic and electrical vehicle loads in residential distribution networks

Niitsoo, Jaan; Kilter, Jako; Palu, Ivo; Taklaja, Paul; Kütt, Lauri Proceedings of IEEE AFRICON 2013 Conference : 9-12 September 2013, Mauritius 2013 / p. 184-188 <https://doi.org/10.1109/AFRICON.2013.6757800> [Conference Proceedings at Scopus](#)
[Article at Scopus](#)

Implementation possibilities of SMD capacitors for high power applications

Zakis, Janis; Vinnikov, Dmitri Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and The 1st Congress of World Engineers and Riga Polytechnical Institute : RTU Alumni, Paper 31 of Subsection of Power Electronic Converters and Applications 2012 / 6 p. : ill <https://intapi.sciendo.com/pdf/10.2478/v10314-012-0003-2>

Implementation possibilities of SMD capacitors for high power applications

Zakis, Janis; Vinnikov, Dmitri Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga, Latvija : [abstracts] 2012 / p. 128 : ill <https://intapi.sciendo.com/pdf/10.2478/v10314-012-0003-2>

Implementation possibilities of SMD capacitors for high power applications

Zakis, Janis; Vinnikov, Dmitri Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2012 / p. 18-23 : ill <https://intapi.sciendo.com/pdf/10.2478/v10314-012-0003-2>

Kohtkindlate reservtoiteseadmete akumulaatoritest

Oorn, Arvo Elektriku kalender 1998 1997 / lk. 162-173: ill

Laboratory setup for studying ultracapacitors in industrial applications

Roasto, Indrek; Vinnikov, Dmitri; Lehtla, Tõnu EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1-3 September 2008, Poznan, Poland : abstracts 2008 / p. 77-78 <https://ieeexplore.ieee.org/document/4635561>

Load adapting resonant converter for supplying deeply varying load

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 227-230: ill

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

Bolgov, Viktor; Järvik, Jaan 3rd International Workshop Compatibility in Power Electronics : CPE 2003 : 28-30 May 2003, Gdansk - Zielona Gora, Poland 2003 / p. 30-34 : ill. [CD-ROM] <https://catalog.crl.edu/Record/133a6f6c-0dfb-5715-88c3-1076990a08ad>

Low noise LDO architecture with consideration for low voltage operation

Mihhailov, Juri; Strik, Viktor; Strik, Sergei; **Rang, Toomas** BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 41-44 : ill

Madalpingelised elektripaigaldised. Osa 7-722, Nõuded eripaigaldistele ja -paikadele ; Elektrisõidukite toide [Võrguteavik] = Low-voltage electrical installations. Part 7-722, Requirements for special installations or locations ; Supplies for electric vehicles (IEC 60364-7-722:2018, modified)

2019 https://www.ester.ee/record=b5251715*est

Madalpingelised elektripaigaldised. Osa 7-722, Nõuded eripaigaldistele ja -paikadele. Elektrisõidukite toide [Võrguteavik] = Low-voltage electrical installations. Part 7-722, Requirements for special installations or locations. Supplies for electric vehicles (IEC 60364-7-722:2015, modified)

2016 http://www.ester.ee/record=b4616843*est

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

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

Outlook of usage of supercapacitors in uninterruptible power supplies

Galkin, Ilja; Stepanov, A.; **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. 237-240 : ill

Power Stage MOSFETs Segmentation in Ripple Controlled Step-Down SMPS [Online resource]

Mihhailov, Juri; Koort, Marko; **Rang, Toomas** BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p. : ill <https://doi.org/10.1109/BEC.2018.8600960>

Pöördväljatrafoga plasmotroni toitesead

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

Reguleeritav parameetrilise lühisvoolu piiramisega toiteallikas "EVAR"

Järvik, Jaan; Janson, Kuno Sähkö & tele 1996 / 3, [ajakirja lisa] Seltsi Ajaleht / Eesti Elektroenergeetika Selts

"Seinaadapteritest" nii- ja naapidi - kas savist saab sepiku?

Sinivee, Veljo Arvutikasutaja 2004 / 4, lk. 10-12 : ill https://artiklid.elnet.ee/record=b1062083*est

Sliding mode based control of dual boost inverter for grid connection

Lopez-Caiza, Diana; Flores-Bahamonde, Freddy; Kouro, Samir; Santana, Victor; Müller, Nicolas; **Chub, Andrii** Energies 2019 / art. 4241, 15 p.: ill <https://doi.org/10.3390/en12224241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Supply voltage level optimisation in low voltage networks using shunt capacitors

Vinnal, Toomas; Janson, Kuno; Kalda, Heljut; Kütt, Lauri Electrical and control technologies : proceedings of the the 7th international conference on electrical and control technologies ECT-2012 2012 / p. 206-211 : ill https://www.researchgate.net/publication/289478542_Supply_voltage_level_optimisation_in_low_voltage_networks_using_shunt_capacitors

Switch-mode power supplies for plasma-arc systems

Soojärvi, 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

Toiteplokk elektrooniku töölaual

Sinivee, Veljo Arvutikasutaja 2003 / 7, lk. 10-12

Uninterruptible power supply based on the converter with alternating of parallel and series resonance

Janson, Kuno; Järvik, Jaan; Šklovski, Jevgeni 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. 44-46 : ill

Uninterruptible power supply based on the converter with alternating of parallel and series resonance [Electronic resource]

Janson, Kuno; Järvik, Jaan; Šklovski, Jevgeni 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]

Uninterruptible power supply in distribution substations auxiliary circuits

Hõimoja, Hardi 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. 78-82

Uninterruptible power supply: an optimal passivity-based control scheme

Bakeer, Abualkasim Ahmed Ali; Alhasheem, Mohammed; Elhelw, Hadi M. 2023 IEEE Power and Energy Society Innovative Smart Grid Technologies Conference, ISGT 2023 2023 / art. 187411 <https://doi.org/10.1109/ISGT51731.2023.10066406>

Unitary input power factor uninterruptible power supply

Florea, Mihail; Posa, Constantin BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 235-238: ill

Источник питания для дуговой сталеплавильной печи

Janson, Kuno; Järvik, Jaan Проблемы электромагнитной совместимости силовых полупроводниковых преобразователей : тезисы докладов III Всесоюзного научно-технического совещания. Часть 2 1986 https://www.ester.ee/record=b1216668*est

Источник питания ESTA для ДСП постоянного тока

Janson, Kuno; Järvik, Jaan Тезисы докладов I Всесоюзного совещания электроснабжения и электрооборудования дуговых электрических печей. Тбилиси, 16-18 нояб. 1988 1988 / с. 61-63

Источник стабилизированного тока для анодного окисления полупроводников

Gavrilov, Aleksei Приборы и техника эксперимента 2004 / 1, с. 160-161 : ил

Машинное моделирование цепи питания, обеспечивающей инжекторный ток для И²Л схем

Rang, Toomas Расчет и проектирование приборов, устройств и систем технической кибернетики 1981 / с. 15-19 : илл https://www.ester.ee/record=b1319172*est <https://digikogu.taltech.ee/et/Item/4c9b1559-97b9-4d9b-bac8-6c40840ba442>

Об определении оптимальных законов регулирования напряжения центра питания и реактивной мощности в распределительной сети

Seier, Gustav Проблемы оптимизации в электроэнергетике : тезисы II республиканской конференции ЭССР : [Таллин 26-27 ноября 1974 года] 1974 / с. 78-79 https://www.ester.ee/record=b1346480*est

Тиристорные преобразователи питания МГД устройств

Tiismus, Hugo; Irs, Rein; Randoja, Toe; Tomson, Jaan Сборник материалов к VI Таллинскому совещанию по электромагнитным расходомерам и электротехнике жидких проводников. Электромагнитные насосы 1973 / с. 162-168 : ил https://www.ester.ee/record=b1337031*est

Усовершенствованные лабораторные источники питания

Sügis, Anatol Сборник статей по химии и химической технологии. 8 1962 / с. 129-133 : илл https://www.ester.ee/record=b2181584*est <https://digikogu.taltech.ee/et/Item/6ec4da4c-96e0-445e-b789-9dde4bb0db38>