#### Abnormal oil rheological properties changing by ultrosound using different power

Krapivsky, Eugene; **Sabanov, Sergei**; Kozachok, Maxim 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. 127-129 : ill

#### Active learning in electric drives and power electronics

**Raud, Zoja**; Vodovozov, Valery 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 63-68

#### Amount of water in abandoned oil shale mines depending on mining technology in Estonia

Karu, Veiko 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. 83-85 : ill <u>https://kirjandus.geoloogia.info/en/reference/32933</u>

#### An overview of the impacts of compact fluorescent lamps implementation

**Niitsoo, Jaan** 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. 242-245 : ill

#### Analysis of new bidirectional DC-DC converter based on current doubler rectifier

**Beldjajev, Viktor**; **Roasto, Indrek** 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. 234-237 : ill

#### Analysis of state of the art and development trends in soft-switched half-bridge DC/DC converters

**Egorov, Mikhail**; **Vinnikov, Dmitri**; **Vodovozov, Valery** 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 49-54 : ill

# Analysis of the current Estonian energy situation and its modelling for developing future forecasts using energy planning models

Dementjeva, Nadežda; **Siirde, Andres** 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 77-80 : ill

# Analysis on AC motor losses due to harmonic levels increase caused by switched capacitor passive power factor correction

**Mõlder, Heigo**; **Vinnal, Toomas**; Beldjajev, Viktor 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. 42-46 : ill

#### Biopower fluidizer for autonomous providing energy for agricultural enterprise

Lypnytskyy, Volodymyr 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. 95-99 : ill

#### Challenges and prospective of maintenance in SMEs Collaborative Network

Polyantchikov, Igor; Pribytkova, Marina; Ševtšenko, Eduard 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. 126-130 : ill

#### Circulating fluidized bed and two-fluid model

**Krupenski, Igor**; **Kartušinski, Aleksander**; **Siirde, Andres**; **Rudi, Ülo** 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 85-88 : ill

#### CO2 and SO2 emissions in Estonia in the period 2000-2030

Kuhi-Thalfeldt, Reeli; Valtin, Juhan 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 47-56 : ill

#### CO2 emission from circulating fluidized bed boiler firing Estonian oil shale fuel with different quality

**Plamus, Kristjan** 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 93-97 : ill

#### Comparative analysis of toolboxes to explore power converters of electrical drives

**Egorov, Mikhail** 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. 193-199 : ill

#### Comparison of interface converter topologies for small- or medium-power wind-hydrogen systems

Andrijanovitš, Anna; Vinnikov, Dmitri; Hõimoja, Hardi; Klytta, Marius 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 122-127 : ill

#### Comparison of pulse width modulation methods for a quasi impedance source inverter

Ott, Silver; Roasto, Indrek; Vinnikov, Dmitri 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II 2011 / p. 25-29 : ill

#### Comparison of three-phase isolated DC/DC converters with Z- and quasi-Z-source inverters

**Egorov, Mikhail**; **Vinnikov, Dmitri**; Strzelecki, Ryszard; Adamowicz, Marek 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 9-14 : ill

#### 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 algorithm for a diesel generator based microgrid in different operation modes

**Palamar, Andriy**; **Pettai, Elmo** 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. 89-94 : ill

#### Control of an uninterruptible power supply in a DC microgrid system

**Palamar, Andriy**; Karpinskyy, Mykola 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. 80-84 : ill

#### Cooling methods for high voltage IGBTs

Blinov, Andrei; Vinnikov, Dmitri 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 134-139 : ill

#### Course of automation in industrial processes based on the blended learning approach

**Brindfeldt, Eduard**; **Grinko, Aleksandr**; **Müür, Margus** 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. 187-192 : ill

#### Design and development of three-level half-bridge NPC converter with dual 3.3 kV IGBT modules

Jalakas, Tanel; Vinnikov, Dmitri; Roasto, Indrek 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 43-48 : ill

#### Design of experiments for processes reliability management

**Pribytkova, Marina**; **Polyantchikov, Igor**; **Karaulova, Tatjana** 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. 203-208 : ill

#### Design of passive Bokode marker

Juurma, Märt; Ehala, Johannes; Tamre, Mart 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. 131-133 : ill

#### Detection of broken rotor bars in three-phase squirrel-cage induction motor using fast Fourier transform

Vaimann, Toomas; Kallaste, Ants 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. 52-56 : ill

#### Development of power management and control system for an infrastructure for Plug-in Hybrid Electric Vehicle charging

**Kõivastik, Ivar**; **Pettai, Elmo** 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. 86-88 : ill

#### Diagnostics of induction motor rotor faults using analysis of stator current

Vaimann, Toomas 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 13-17 : ill

#### 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

#### Distance learning in electrical engineering

Laugis, Juhan; Lehtla, Tõnu; Vodovozov, Valery 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 148-153

#### Dynamic qualities of electrical drive with a synchronous machine

Jansikene, Raik 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School

#### Elements of TRIZ in the course "Building automation"

Brindfeldt, Eduard; Grinko, Aleksandr 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. 159-165 : ill

#### Energy efficiency aspects in wood production value chain

**Juurma, Märt**; **Põlder, Ahti** 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. 183-186 : ill

#### Energy saving types of mini unmanned aerial vehicles

Aleksandrov, Dmitri; Penkov, Igor 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. 117-120 : ill

#### Engineering education : problems, tendencies and solutions

Vodovozov, Valery; Raud, Zoja; Lehtla, Tõnu 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. 166-173

#### Formal and physical consideration of magnetic flux in inductor with ferromagnetic core

Järvik, Jaan 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 164-167 : ill

#### Green aspects application in product life cycle engineering

**Baškite, Viktoria**; **Moseichuk, Vadim**; **Zahharov, Roman**; **Karaulova, Tatjana** 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. 111-116 : ill

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

Vinnal, Toomas; Kalda, Heljut; Mõlder, 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

#### Hybrid IGBT-IGCT switch

**Blinov, Andrei**; **Vinnikov, Dmitri** 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. 161-164 : ill

#### Hydraulic conductivity testing method for all-in aggregates and mining waste materials

**Šommet, Julija**; **Pastarus, Jüri-Rivaldo**; **Sabanov, Sergei** 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. 122-126 : ill

#### Influence of Estonian soils to foundation earth electrode

**Hromov, Anton**; **Risthein, Endel** 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. 155-158 : ill

#### Influence of variable energy flow to power characteristics

Beldjajev, Viktor; Lehtla, Tõnu; Mõlder, 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. 29-32 : ill

#### In-process vibration monitoring on CNC lathe

Aruväli, Tanel; Serg, Risto; Otto, Tauno 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. 174-178 : ill

#### Intelligent navigation control of mobile robots in unknown environment

**Shvarts, Dmitry** 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 39-42 : ill

#### Introducing active exercises into the bachelor courses of electronics

**Raud, Zoja** 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. 174-179

#### Introducing proactive thinking in value alliance concept

Randmaa, Merili 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. 218-223 : ill

#### LED lighting use in street light design technologies

Milaševski, Irena; Armas, Jelena; Teemets, Raivo 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. 145-150 : ill

#### Lexical bundles in engineering reseach articles

Laane, Mare-Anne 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. 72-75

#### Lighting for museums

**Armas, Jelena** 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. 76-79 : ill

#### Magnetic field sensor coil in fast transient measurement application

**Kütt, Lauri**; **Järvik, Jaan** 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. 117-121 : ill

#### Management of learning content in power electronics

**Raud, Zoja** 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. 145-150 : ill

## 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

#### Methods and approaches to PhD thesis writing

Laane, Mare-Anne 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 168-170

#### Modified fingerprint method for traceability enhancement of marked products

**Põlder, Ahti** 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. 121-125 : ill

#### Modularization impact to product end of life cycle

**Baškite, Viktoria**; **Zahharov, Roman** 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. 213-217

#### Monitoring of manufacturing machinery using smart dust applications

Aruväli, Tanel; Serg, Risto; Otto, Tauno; Preden, Jürgo-Sören 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. 209-213 : ill

#### Multiport DC/DC converters for interfacing of hydrogen buffer with wind turbine

Andrijanovitš, Anna; Vinnikov, Dmitri 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. 95-99 : ill

#### New bidirectional multiport DC/DC converter for interfacting of hydrogen buffer with wind turbines

Andrijanovitš, Anna; Vinnikov, Dmitri 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. 85-90 : ill

#### New isolated converter for interfacing PMSG based wind turbine with distribution network

**Bisenieks, Lauris**; **Vinnikov, Dmitri**; Galkin, Ilja 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. 100-107 : ill

## 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 https://www.ester.ee/record=b2600529\*est

#### Nord Pool Spot price fluctuation analysis for energy management of household appliances

**Auväärt, Aivar**; **Rosin, Argo**; **Müür, Margus**; **Lebedev, Denis** 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. 91-94 : ill

#### Numerical simulation of uprising gas and solids flow in Cfb by Euler/Euler approach

Kartušinski, Aleksander; Siirde, Andres; Rudi, Ülo; Šablinski, Aleksandr 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. 169-173 : ill

#### Obtrusive light, light pollution, and glare produced by outdoor lighting

Armas, Jelena 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 98-103 : ill

#### Oil shale waste rock aggregate properties which are depending on content of oil shale

Tohver, Tarmo 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. 59-62 : ill <u>https://kirjandus.geoloogia.info/en/reference/34154</u>

#### Online CAD library applications and pitfalls

**Sonk, Kaimo**; **Otto, Tauno** 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. 179-182 : ill

#### Optimization of energy flows in public electric transportation

**Hõimoja, Hardi**; **Rosin, Argo** 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 108-112 : ill

#### Overview of information and communication issues for smart grid solutions

**Kivipõld, Tanel**; **Niitsoo, Jaan** 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. 108-112

#### Perspective solutions of SmartGrid and Vehicle-to-grid connectivity problems

**Soots, Georg**; Hõimoja, Hardi; Pettai, Elmo 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. 113-116 : ill

#### Possibilities and limitations of liquid cooling systems for high power converters

Blinov, Andrei; Vinnikov, Dmitri 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 20-25 : ill

#### Possibilities of using biofuel small scale combined heat and power plants in Estonia

Latõšov, Eduard; Siirde, Andres 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 89-92 : ill

#### Potential of underground minewater in Estonian oil shale mining region

Valgma, Ingo; Robam, Karin; Karu, Veiko; Kolats, Margit; Väizene, Vivika; Otsmaa, Merle 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. 63-68 : ill

https://www.researchgate.net/publication/235424907\_Potential\_of\_underground\_minewater\_in\_Estonian\_oil\_shale\_mining\_region

#### Preparation and estimation methods for transformation Small enterprises to Medium-size

Sahno, Jevgeni; Polyantchikov, Igor; Pribytkova, Marina; Ševtšenko, Eduard 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. 197-202 : ill

#### Professional thesaurus for learning electrical drives and power electronics

**Raud, Zoja** 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 154-159 : ill

#### Reconfigurable battery pack for unmanned ground vehicle

**Hiiemaa, Maido**; **Tamre, Mart** 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. 200-203 : ill

#### Remote laboratory of electrical drives - PLC based control and algorithms

**Müür, Margus**; **Möller, Taavi**; **Hõimoja, Hardi**; **Rosin, Argo** 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 128-133 : ill

#### Review of methods for estimation of 2D homography

**Shvarts, Dmitry**; **Tamre, Mart** 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. 204-208 : ill

#### Review of the Estonian Railroad rolling stock and solutions for locomotive modernization

**Rassõlkin, Anton**; **Hõimoja, Hardi**; **Pettai, Elmo**; **Tšurkina, Natalja** 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. 57-61 : ill

#### Rhetorical conventions and stylistic practices in science writing

Laane, Mare-Anne 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. 106-110

#### Rhetorical devices and language support in PhD thesis writing

Laane, Mare-Anne 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 78-82

# Selection of the duty cycle variation range and its influence on the efficiency and operability of high-power converters operating at wide input voltage swing

Vinnikov, Dmitri; Roasto, Indrek; Jalakas, Tanel 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 26-31 : ill

# 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009]

Lahtmets, Rain 2009 https://www.ester.ee/record=b2498572\*est

#### Short-circuit wave transient measurements in HV power network

**Kütt, Lauri**; **Kilter, Jako**; **Palu, Ivo** 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. 37-41 : ill

#### Simulation in learning power electronics

Laugis, Juhan; Lehtla, Tõnu; Vodovozov, Valery 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 83-88

#### Simulation study of inverter-fed motor drives

**Egorov, Mikhail** 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. 165-168 : ill

# 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009]

Lahtmets, Rain 2009 https://www.ester.ee/record=b2448001\*est

#### Something new in Estonian vocational education system

**Tšurkina, Natalja** 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 69-71

#### State of the art and development trends of smart control systems for high voltage DC/DC converters

Roasto, Indrek; Vinnikov, Dmitri; Lehtla, Tõnu 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 36-42 : ill

#### Statistical process control for production process reliability management

Pribytkova, Marina; Polyantchikov, Igor; Karaulova, Tatjana 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. 134-137 : ill

#### Stepper motor drive as a control object for teaching microprocessor control of electrical drives

Kährik, Rainer; Lehtla, Madis 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 140-143 : ill

#### Substation telematics

**Dmitrenko, Igor** 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 93-98 : ill

#### Sustainability assessment methods for developing advanced mining technologies

Sabanov, Sergei; Šommet, Julija; Milaševski, Irena; Baškite, Viktoria; Gulevitš, Julia; Beldjajev, Viktor; Robam, Karin 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. 74-76 : ill <u>https://www.academia.edu/1388273/Sustainability\_assessment\_methods\_for\_developing\_advanced\_mining\_technologies</u>

## Sustainable development and methods of quality assessment in the road construction aggregates production

**Gulevitš, Julia** 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. 135-138 : ill

#### Sustainable development of Estonian mineral resources for economical usage in roads construction Gulevitš, Julia; Baškite, Viktoria; Iskül, Riho 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. 77-82 : ill <a href="https://kirjandus.geoloogia.info/en/reference/32789">https://kirjandus.geoloogia.info/en/reference/32789</a>

#### Sustainable mining technologies for Estonian minerals industry

Valgma, Ingo; Västrik, Aire; Kõpp, Vesta 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. 69-73 : ill

## 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 https://www.ester.ee/record=b2650299\*est

#### The geological perspectives for Paleozoic carbonate raw material mining in Harjumaa County, Estonia

Notton, Angela; Sõstra, Ülo 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. 53-58 : ill https://www.academia.edu/3054342/The\_geological\_perspectives\_for\_Paleozoic\_carbonate\_raw\_material\_mining\_in\_Harjumaa\_County\_Estonia

#### The programs for strength calculation in pipelines

**Priss, Jelena**; **Klevtsov, Ivan** 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. 209-212 : ill

#### The substation local PC workstation. Present and future

Dmitrenko, Igor 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. 186-189 : ill

#### Towards modern electricity grids

**Pikner, Rando** 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 113-116 : ill

2 switch forward inverter for parallel-series resonance alternating (PSA) converter for supplying electric welding arc Niilo, Helar; Vaimann, Toomas 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. 140-144 : ill

#### UGV-type robot motion control simulation

**Hiiemaa, Maido**; **Tamre, Mart** 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 43-46 : ill

#### Underground water pools as heat source for heat pumps in abandoned oil shale mines in Estonia

Karu, Veiko 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. 130-134 : ill

#### Using wireless sensor network components in practical assignments of master's study mechatronics course

Hiiemaa, Maido; Tamre, Mart 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. 193-196 : ill

#### Ways to reduce switching losses in motor drive inverters

**Vodovozov, Valery**; **Lehtla, Tõnu** 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. 3-9 : ill