

Analysis of distribution substation topologies for energy exchanging between EV and utility networks

Mägi, Marek 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. 158-167 : ill

Calculation of the traction effort of switching locomotive

Rassõlkin, Anton; Hõimoja, Hardi 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. 61-65 : ill

Condition monitoring of electrical machines

Vaimann, Toomas; Kallaste, Ants 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. 209-212 : ill

Dependence of land stability on applied mining technology

Karu, Veiko 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. 252-255 : ill

Description of teaching process using six-dimensional space framework

Brindfeldt, Eduard; Müür, Margus; Pettai, Elmo 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. 76-83 : 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

Determination of leakage inductances of three-winding transformer for HF-PSA resonant circuit

Šklovski, Jevgeni; Janson, Kuno; Niilo, Helar 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. 113-116 : ill

Development of electrical network of Tallinn University of Technology

Soots, Georg 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. 88-92 : ill

Diagnostics system for electronic circuits

Melentjev, Sergei 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. 192-194 : ill

Dual active bridge based isolation stage for power electronic transformer

Beldjajev, Viktor; Roasto, Indrek 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 / lk. 216-219 : ill

Educational thesauri for mastering engineering courses

Vodovozov, Valery; Lehtla, Tõnu 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. 24-29 : ill

Effectiveness analysis of microgrid modules

Peterson, Kristijan 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. 146-148 : ill

Elaboration of tool for production process reliability evaluation in machinery industry

Kostina, Marina; Karaulova, Tatjana 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. 263-268 : ill

Energy consumption of mini UAV helicopters with different number of rotors

Aleksandrov, Dmitri; Penkov, Igor 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. 259-262 : ill

Evaluation of local aggregate unbound mixtures for Estonian highway base courses

Gulevitš, Julia; Talvik, Ott 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. 239-243 : ill

Experiments with travelling wave transients for verification of suitability of sensor

Kütt, Lauri; Järvik, Jaan 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. 149-152 : ill

Impact of conducting and insulating material to electric field

Järvik, Jaan; Mölder, Heigo; Vaimann, Toomas 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. 107-112 : ill

An information modeling method for electric micro grids

Korõtko, Tarmo 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. 205-208 : ill

Intelligent signal processing for improved measurement reliability

Ruban, Olga 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. 177-181 : ill

Large-scale wind integration impact on the Baltic region's electricity market participants in 2025 - with and without RES subsidies

Drovtar, Imre; Landsberg, Mart; Kilter, Jako; Rosin, Argo 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. 117-121 : ill

Methodology of system integrated analysis and assessment of operational efficiency of a technological system (E-Profiil AS case study)

Startseva, Emilia; Zahharov, Roman 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. 280-286 : ill

Microgrids performance challenges

Kazakov, Aleksei; Janson, Kuno; Vaimann, Toomas 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. 42-46 : ill

Nanodevices expectations in construction engineering

Aruväli, Tanel 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. 289-294 : ill

Novel multiport DC/DC converter for distributed energy systems

Andrijanovič, Anna 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. 57-60 : ill

Optimal design of elastic elements of ladder frames

Arjasov, Gennadi; Zhigailov, Sergei 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. 287-288

Profitability of energy storages for household load scheduling

Lebedev, Denis; Rosin, Argo; Auväär, Aivar 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. 70-75 : ill

Readability of research writing and text variables in readability formulas

Laane, Mare-Anne 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. 7-10

Slow-speed ring-shaped permanent magnet generator for wind applications

Kallaste, Ants; Vaimann, Toomas; Pabut, Ott 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. 66-69 : ill

Slurry erosion testing of steel with oil shale ash as abrasive

Priss, Jelena; Klevtsov, Ivan; Juhani, Kristjan; Antonov, Maksim 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. 300-302 : ill

Study of high brightness RGB light-emitting diode color control systems

Tetervenk, Oleg; Galkin, Ilja; Milaševski, Irena 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. 168-171 : ill

Sustainable assessment in dolostone mining management

Šommet, Julija; Pastarus, Jüri-Rivaldo 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. 244-246 : ill

Sustainable mining conditions in Estonia

Valgma, Ingo; Leiaru, Maris; Karu, Veiko; Iskül, Riho 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. 229-238 : ill

Teaching holistic value approach at Tallinn University of Technology

Randmaa, Merili 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. 269-273 : ill

Transient response analyse of different voltage-fed qZS-family inverters

Ott, Silver; Roasto, Indrek; Vinnikov, Dmitri; Teemets, Raivo 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. 195-199 : ill

Undesirable usage of energy in residential house

Niitsoo, Jaan; Palu, Ivo 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. 126-128 : ill

Value investigation for used automotive products by analysis of possible end-of-life scenarios

Baškite, Viktoria; Durmanenko, Dmitri; Ševtsova, Kristina 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. 295-299 : ill

Water balance of the Selisoo bog and its changes caused by underground mining

Otsmaa, Merle 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. 247-251 : ill., map

Web-based learning with social networking of electronic engineering and electrical drives

Raud, Zoja 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. 220-225 : ill

Vector optimization of thermal power plants

Astapov, Victor 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. 213-215 : ill