

About evaluation of teaching effectiveness in Tallinn Polytechnic School

Tšurkina, Natalja 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. 156-157

Active learning electrical drives through social networking

Vodovozov, Valery; Lehtla, Tõnu 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 12-19 : ill

Active magnetic bearing calibration to compute levitation force in a bearingless synchronous reluctance motor drive

Mukherjee, Victor; Belahcen, Anouar; Hinkkanen, Marko Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 165-168 : ill

Active power losses in Estonian power transmission network

Ainsaar, Karin Maria; Ülavere, Eero; Tammoja, Heiki; Valtin, Juhan 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 2014 / p. 112-117 : ill

Address from General Chairman

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Address from the General Chairman

Zakis, Janis 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum 2011 / p. 3

Adjusting the number of working pumps through efficiency control

Bakman, Ilja Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 75-80 : ill

Aerial imagery classification and path planning

Hudjakov, Robert; Tamre, Mart 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 147-148 : ill

Algorithm for management of energy in the microgrid DC bus

Peterson, Kristjan 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. 170-174 : ill

An alternative approach to solving of the inverse kinematics

Zhigailov, Sergei; Arjassov, Gennadi 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 164-165 : ill

An image processing algorithm for decoding line type code

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An object detection and pose estimation approach for position based visual servoing

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An overview of electrical vehicle and hybrid electrical vehicle drives

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Analysis and application of light-technical parameters to assure pedestrian safety on roadway crossings with additional lighting

Varjas, Toivo; Armas, Jelena; Rosin, Argo 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. 148-151 : ill http://www.ester.ee/record=b4650094*est

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

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Analysis of modelling electric transportation networks

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Analysis of peak shaving of utility networks loads with electric vehicles connected to distribution substations

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Analysis of proposed microgrid electric energy management methods

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Analysis of the quality problems of marking saw material in the sawmill

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Analysis of the traction system impact on voltage unbalance distribution in public electric networks

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Analysis of water removal parameters in mining sites

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

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Analytical methods for determination of sulfur content in oil shale

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Application of Leddar to optimize image processing operations

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Approximation of limit amplitudes of stresses

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Automated complex determination indicators of power quality

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Bare overhead conductor thermal rating calculation on the example of Estonian OHL

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Basics of optimal design of district heating pipelines diameters and design examples of Estonian old non-optimised district heating networks

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Benefit analysis of plug-in hybrid electric vehicle technology

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Bidirectional soft-switching current-fed flyback converter with natural clamping for low voltage battery energy storage applications

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Blasting parameters and seismic data - a background study

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Building energy audit on example of office building

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Calculation of the traction effort of switching locomotive

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Case study of ECD model accuracy in estimating the cell output voltage and power dissipation

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Cogging torque reduction methods

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Comparison between equivalent circuit diagrams and fractional rational functions in the frequency domain for Lithium-ion battery modeling

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Computational groundwater model of west area of Estonian Oil Shale deposit as modern tool for estimations

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Computer vision in applications of adaptive management

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Concept maps as a tool for engineering education

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Current control strategy of a grid connected three-level neutral-point-clamped qZS inverter

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Dependence of land stability on applied mining technology

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Description of teaching process using six-dimensional space framework

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Design guidelines of new step-up DC/DC converter for fuel cell powered distributed generation systems

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Design of laboratory equipment for investigation of regulators for LED luminary

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Design of orthesys for correction of human gait

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Detection of mine collapses with seismic methods in the Estonian oil shale mining area

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Determination of circulating fluidized bed boiler thermal efficiency burning oil shale with different properties

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Determination of thermal convection coefficient from coil's flat plate side

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Development of electrical network of Tallinn University of Technology

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Development of experimental microgrid in Tallinn University of Technology

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Development of students' creative activity through experimentation

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Digital control modeling for transportation problem optimization

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Digital object memory based monitoring and assistance applications in manual work station

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Economic analysis of a biogas-fuelled cogeneration power plant

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Economics of renewable generation in Estonian electricity market

Knõš, Izabella; Landsberg, Mart; Valtin, Juhan 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 103-109 : ill

Eddy current electrical conductivity measurements for temperature measurements

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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

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Elaboration of tool for production process reliability evaluation in machinery industry

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Electric vehicles and their impact on the Estonian power system load curve

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Electricity price and load forecast based new energy management system for households

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Energy consumption of mini UAV helicopters with different number of rotors

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Erosion wear testing of boiler steels at elevated temperatures

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Evaluation of local aggregate unbound mixtures for Estonian highway base courses

Guleviš, 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

Example of automatic safety systems based on power line communication and Microsoft Azure

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Experiments with travelling wave transients for verification of suitability of sensor

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Fabrication of polydimethylsiloxane stamps

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Facing distorted current and undesirable consumption in smart grids

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Features of sustainable assessment methodology

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First charging cycle model of a lithium-ion battery and its experimental verification

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First results on load model estimation using digital fault recorder measurements

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Flexible approach of professional competences in times of economic downturn

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Fluid flow optimization on semiautomatic code marker base

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From misconceptions to energy saving concepts : case study in pumping engineering

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Fuzzy logic control of clutch for hybrid vehicle

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Going open source in developing production monitoring system

Snatkin, Aleksei; Eiskop, Tanel Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 171-173 : ill

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