

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

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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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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

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An alternative approach to solving of the inverse kinematics

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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

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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

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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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