# A hydrogen technology as buffer for stabilization of wind power generation

Andrijanovitš, Anna; Egorov, Mikhail; Lehtla, Madis; Vinnikov, Dmitri 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. 62-70 : ill

## About evaluation of teaching effectiveness in Tallinn Polytechnic School

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## An image processing algorithm for decoding line type code

Juurma, Märt 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. 193-197 : ill

## Analysis of methods and tools for industrial automation engineering

Müür, Margus; Pettai, Elmo 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. 88-92 : ill

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

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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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## Benefit analysis of plug-in hybrid electric vehicle technology

**Kõivastik, Ivar** 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. 225-226

# Camera gimbal control system for unmanned platforms

**Tiimus, Kristjan**; **Tamre, Mart** 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. 202-207 : ill

## Compact fluorescent lamp harmonic disruption effect of transformer losses

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

Lind, Helena 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. 125-128 : ill

# Computer vision in applications of adaptive management

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

Zakis, Janis; Vinnikov, Dmitri; Roasto, Indrek; Strzelecki, Ryszard 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. 33-41 : ill

## Flexible approach of professional competences in times of economic downturn

Brindfeldt, Eduard; Grinko, Aleksandr 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. 158-165: ill

## Fluid flow optimization on semiautomatic code marker base

Aleksandrov, Dmitri; Penkov, Igor 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. 306-308 : ill

## Heat balance of the CFB boiler

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# Implementation of snubber circuits in power converters with high-voltage IGBTs

Jalakas, Tanel; Blinov, Andrei; Mõlder, Heigo; Lehtla, Tõnu 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. 42-45 : ill

## Improving laboratory training in power electronics

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## Influence of distributed generation development on national targets and electricity price in Estonia

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## Limestone macadam quality dependence of an extraction kind

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## Microgrid for the Department of Electrical Drives and Power Electronics

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## Numerical simulation of uprising gas-solid particles flow by 2D RANS model for CFB conditions

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## Obstacles to proper operation of substation telematics

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## Overview of e-manufacturing practices and possibilities

**Sonk, Kaimo**; **Otto, Tauno** 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. 208-211 : ill

## PhD studies in Ternopil State Ivan Pul'uj Technical University

**Palamar, Andriy**; Matsiuk, Oleksandr; Karpinskyy, Mykola 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. 240-243 : ill

## Physical and chemical properties of Estonian balneological peat

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## Practical issues in utilizing intelligent motion control layer in UGV-type robots

Hiiemaa, Maido; Tamre, Mart 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. 190-192 : ill

# Preparation of industrial robot systems for work in intelligent power networks

Beldjajev, Viktor; Lehtla, Tõnu 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. 71-74

## Primary magnetic field and basic winding for 54 slots and 20 poles permanent magnet generation

Lepa, Erko 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. 285-290 : ill

## Problems of using foundation earth electrodes in Estonia

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# Review of wireless technologies for the Smart Grid

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## Spatial modelling tools in mining areas for improving mining process

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## Stability problems in undermined areas

Karu, Veiko 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. 134-137 : ill

## Strategies of hedging in science writing

Laane, Mare-Anne 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. 3-7

#### Student assessment in engineering education

Vodovozov, Valery; Lehtla, Tõnu; Laugis, Juhan 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. 145-151

## Sustainable RFID rack assembly solution for mobile robot platform manufacturing

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## The analyzes of limestone and dolostone aggregate properties for highway constructions

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# The genetic systematization of the sandy deposits using their granulometric and mineral composition in Harjumaa County, Estonia

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# The size distribution and calorific value regulation possibility with surface continuous miner wirtgen 2500 sm in Narva oil shale open pit condition

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## Waste management : energy recovery from solid waste

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