

### **Abnormal oil rheological properties changing by ultrasound 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

### **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

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

**Lypnytsky, 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

### **A concept of using LED lamps in conjunction with traditional light sources**

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

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

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### **Design of experiments for processes reliability management**

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

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### **Hybrid IGBT-IGCT switch**

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

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

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### **Introducing proactive thinking in value alliance concept**

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### **Lexical bundles in engineering research articles**

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### **Lighting for museums**

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

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#### **Management of learning content in power electronics**

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#### **Measurements and analyses of supply voltage magnitude and voltage variations in Estonian industrial companies**

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

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

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

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

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

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

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

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