

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

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Analysis of new bidirectional DC-DC converter based on current doubler rectifier

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Biopower fluidizer for autonomous providing energy for agricultural enterprise

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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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Online CAD library applications and pitfalls

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Overview of information and communication issues for smart grid solutions

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Perspective solutions of SmartGrid and Vehicle-to-grid connectivity problems

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Simulation study of inverter-fed motor drives

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Sustainable development and methods of quality assessment in the road construction aggregates production

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The programs for strength calculation in pipelines

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2 switch forward inverter for parallel-series resonance alternating (PSA) converter for supplying electric welding arc

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Underground water pools as heat source for heat pumps in abandoned oil shale mines in Estonia

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

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