# Assessment of work environment hazards during shale oil handling

Traumann, Ada; Tint, Piia; Reinhold, Karin; Järvik, Oliver; Oja, Vahur Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni: 11-12 October 2012, Riga, Latvija: [abstracts] 2012 / p. 459: ill

## Comparison of dolostone and limestone assessment methods for Estonian deposits

**Sommet, Julija**; **Pastarus, Jüri-Rivaldo** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga, Latvija : [abstracts] 2012 / p. 144 <a href="https://sciendo.com/article/10.2478/v10145-012-0015-9">https://sciendo.com/article/10.2478/v10145-012-0015-9</a>

## Detection of induction motor broken bars in grid and frequency converter supply

Vaimann, Toomas; Belahcen, Anouar; Martinez, Javier; Kilk, Aleksander Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni: 11-12 October 2012, Riga, Latvija: [abstracts] 2012 / p. 112: ill

https://www.researchgate.net/publication/262674778 Detection of induction motor broken bars in grid and frequency converter supply

### Dynamic lighting system for workplaces at northern latitudes

**Koppel, Tarmo** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni: 11-12 October 2012, Riga, Latvija: [abstracts] 2012 / p. 454: ill <a href="https://www.researchgate.net/publication/266389024\_Dynamic\_Lighting\_System\_for\_Workplaces\_at\_Northern\_Latitudes">https://www.researchgate.net/publication/266389024\_Dynamic\_Lighting\_System\_for\_Workplaces\_at\_Northern\_Latitudes</a>

# Enhancement of dimmable LED drivers utilizing discontinuous conduction mode

**Milaševski, Irena**; Tetervenok, Oleg; Galkin, Ilja Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni: 11-12 October 2012, Riga, Latvija: [abstracts] 2012 / p. 130: ill <a href="https://alephfiles.rtu.lv/TUA01/000035920">https://alephfiles.rtu.lv/TUA01/000035920</a> e.pdf

### Exposure from electromagnetic fields at modern office workplaces and their risk management

**Koppel, Tarmo**; **Tint, Piia** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga, Latvija : [abstracts] 2012 / p. 455

#### Implementation possibilities of SMD capacitors for high power applications

**Zakis, Janis**; **Vinnikov, Dmitri** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga, Latvija : [abstracts] 2012 / p. 128 : ill https://intapi.sciendo.com/pdf/10.2478/v10314-012-0003-2

# Multiport DC/DC converters for renewable energy systems : general topologies and control methods

Andrijanovitš, Anna Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni: 11-12 October 2012, Riga, Latvija: [abstracts] 2012 / p. 121: ill

# New DC/DC converter for electrolyser interfacing with stand-alone renewable energy system

**Blinov, Andrei**; **Andrijanovitš, Anna** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga, Latvija : [abstracts] 2012 / p. 123 : ill <a href="https://intapi.sciendo.com/pdf/10.2478/v10314-012-0004-1">https://intapi.sciendo.com/pdf/10.2478/v10314-012-0004-1</a>

# Revealing small hidden changes in human EEG by Higuchi's fractal dimension

**Bachmann, Maie**; **Suhhova, Anna**; **Lass, Jaanus**; **Hinrikus, Hiie** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga, Latvija : [abstracts] 2012 / p. 661 : ill <a href="https://link.springer.com/chapter/10.1007/978-3-642-34197-7\_12">https://link.springer.com/chapter/10.1007/978-3-642-34197-7\_12</a>

## Simulation study of different modulation techniques for three-level quasi-Z-source inverter

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Husev, Oleksandr; Vinnikov, Dmitri** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni: 11-12 October 2012, Riga, Latvija: [abstracts] 2012 / p. 120: ill <a href="https://intapi.sciendo.com/pdf/10.2478/v10314-012-0002-3">https://intapi.sciendo.com/pdf/10.2478/v10314-012-0002-3</a>