

### **Accurate measurements of electrical conductivity of metals in the range from 2 MS/m to 14 MS/m**

**Parker, Martin; Pokatilov, Andrei; Raba, Karl; Kübarsepp, Toomas** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2012 / p. 700-704 : ill

### **Characteristic pulse pattern features of different types of partial discharge sources in power cables**

**Kiitam, Ivar; Shafiq, Muhammad; Taklaja, Paul; Parker, Martin; Palu, Ivo; Kütt, Lauri** IEEE Power Engineering Society Conference and Exposition in Africa, PowerAfrica, IEEE PES/IAS PowerAfrica, Nairobi, Kenya, 23-27 Aug 2021 : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/PowerAfrica52236.2021.9543366>

### **Eddy current electrical conductivity measurements for temperature measurements**

**Parker, Martin; Pokatilov, Andrei; Kübarsepp, Toomas** 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. 259-260 : ill

### **Grid-based computational algorithm for accurate AC conductivity measurements**

**Pokatilov, Andrei; Parker, Martin; Kübarsepp, Toomas; Märten, Olev; Kolyshkin, Andrei** 16th International Congress of Metrology 2013 / p. 1-4 : ill

### **Inhomogeneity correction in calibration of electrical conductivity standards**

**Pokatilov, Andrei; Parker, Martin; Kolyshkin, Andrei; Märten, Olev; Kübarsepp, Toomas** Measurement 2013 / p. 1535-1540 : ill

### **Investigation of planar coil for eddy current conductivity measurements in wide frequency range**

**Parker, Martin; Pokatilov, Andrei; Kübarsepp, Toomas; Märten, Olev; Kolyshkin, Andrei** 19th Symposium IMEKO TC 4 Symposium and 17th IWADC Workshop Advances in Instrumentation and Sensors Interoperability, July 18-19, 2013, Barcelona, Spain 2013 / p. 55-59

### **Load current harmonic model complexity reduction through empirical pattern analysis**

**Kamran, Daniel; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek; Parker, Martin** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227474>

### **Luminance of outdoor screens in Tallinn**

**Parker, Martin** 22nd International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 97-98 : ill [https://www.ester.ee/record=b5570906\\*est](https://www.ester.ee/record=b5570906*est)

### **Measurement equipment for low level vibration studies in mass laboratory**

**Parker, Martin; Kübarsepp, Toomas; Pärn, Angela** 4th IMEKO TC22 Conference on Vibration Measurement 2017 : Held together with TC3 and TC5, Helsinki, Finland, 30 May - 1 June, 2017 2017 / p. 76-78 <http://toc.proceedings.com/35394webtoc.pdf>

### **Method for obtaining linear spectral responsivity of InGaAs-photodetector in the NIR wavelength range**

**Pokatilov, Andrei; Parker, Martin; Kübarsepp, Toomas; Vabson, Viktor; Vendt, Riho; Ansko, Ilmar; Manoocheri, Farshid** BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 31-34 : ill [http://www.ester.ee/record=b2150914\\*est](http://www.ester.ee/record=b2150914*est)

### **Parallel investigation of double forged pure tungsten samples irradiated in three DPF devices**

**Gribkov, V. A.; Shirokova, Veronika; Pokatilov, Andrei; Parker, Martin** Journal of nuclear materials 2015 / p. 341-346 : ill

### **Precision and accuracy of pulse propagation velocity measurement in power cables**

**Kiitam, Ivar; Shafiq, Muhammad; Choudhary, Maninder; Parker, Martin; Palu, Ivo; Taklaja, Paul** Energies 2023 / art. 2702 <https://doi.org/10.3390/en16062702>

### **Simplified algorithm applicable for vibration measurements in buildings**

**Parker, Martin; Kübarsepp, Toomas** 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 201-202 [http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

### **Study of the behaviour of partial discharges for proactive diagnostics in medium voltage cables**

**Shafiq, Muhammad; Kiitam, Ivar; Taklaja, Paul; Parker, Martin; Palu, Ivo; Kütt, Lauri** 2021 IEEE PES/IAS PowerAfrica, PowerAfrica 2021 2021 / p. 1-5 <https://doi.org/10.1109/PowerAfrica52236.2021.9543233>

### **Waveform Variation Defined Model for Harmonic Current Emissions Including Cross-Order Supply Voltage Harmonics Influence**

**Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek; Parker, Martin** IEEE Access 2023 <https://doi.org/10.1109/ACCESS.2023.3270805>

### **Ways to study changes in pedestrians' behaviour in the artificially lit urban outdoor environment**

**Ingi, Dmitrii; Bhusal, Pramod; Pinho, Paulo; Kytä, Marketta; Parker, Martin** IOP Conference Series: Earth and Environmental

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**Voltage main harmonic level influence on harmonic current emission modeling**

**Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek; Parker, Martin** 2023 International Conference on Future Energy Solutions (FES) 2023 / p. 1-6 <https://doi.org/10.1109/FES57669.2023.10183302>