

**Air-core sensors operation modes for partial discharge detection and on-line diagnostics in medium voltage networks**  
**Kütt, Lauri**; Shafiq, Muhammad; **Mölder, Heigo**; **Järvik, Jaan**; Lehtonen, Matti Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2013 / p. 5-12 : ill

**Comparison of operating modes of air-core inductive sensors for partial discharge on-line diagnostics in medium voltage networks**

**Kütt, Lauri**; Shafiq, Muhammad; Lehtonen, Matti; **Mölder, Heigo**; **Järvik, Jaan** Digest book and electronic proceedings : 54th International Scientific Conference of Riga Technical University : Section of Power and Electrical Engineering 2013 / p. 29.1-29.6 : ill <https://research.aalto.fi/en/publications/comparison-of-operating-modes-of-air-core-inductive-sensors-for-p>

**Design and applications of Rogowski coil sensors for power system measurements : a review**

**Shafiq, Muhammad**; Stewart, Brian G.; Hussain, Ghulam Amjad; Hassan, Waqar; **Choudhary, Maninder**; **Palo, Ivo** Measurement : journal of the International Measurement Confederation 2022 / art. 112014, 10 p.: ill <https://doi.org/10.1016/j.measurement.2022.112014>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A detailed testing procedure of numerical differential protection relay for EHV auto transformer**

Ehsan, Umer; Jawad, Muhammad; Javed, Umar; Zaidi, Khurram Shabih; Rehman, Ateeq Ur; **Rassölkin, Anton**; Althobaiti, Maha M.; Hamam, Habib; **Shafiq, Muhammad** Energies 2021 / art. 8447 <https://doi.org/10.3390/en14248447> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Modelling EVs in residential distribution grid with other nonlinear loads [Electronic resource]**

**Niitsoo, Jaan**; **Taklaja, Paul**; **Palu, Ivo**; **Kiitam, Ivar** 2015 IEEE 15th International Conference on Environment and Electrical Engineering : conference proceedings : June 10-13, 2015, Rome 2015 / p. 1543-1548 : ill. [CD-ROM]  
<http://dx.doi.org/10.1109/EEEIC.2015.7165401>

**Power quality issues concerning photovoltaic generation and electrical vehicle loads in distribution grids**

**Niitsoo, Jaan**; **Taklaja, Paul**; **Palu, Ivo**; Klüss, Joni Smart grid and renewable energy 2015 / p. 164-177 : ill

**Power quality issues concerning photovoltaic generation in distribution grids**

**Niitsoo, Jaan**; **Jarkovoi, Marek**; **Taklaja, Paul**; Klüss, Joni; **Palu, Ivo** Smart grid and renewable energy 2015 / p. 148-163 : ill

**Probabilistic bivariate modeling of harmonic current**

**Jarkovoi, Marek**; **Kütt, Lauri**; **Iqbal, Muhammad Naveed** 2020 19th International Conference on Harmonics and Quality of Power (ICHQP), 6-7 July 2020, Dubai, UAE 2020 / 6 p <https://doi.org/10.1109/ICHQP46026.2020.9177870>

**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 / p. 42276-42289 : ill <https://doi.org/10.1109/ACCESS.2023.3270805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)