

Lucrari stiintifice prezentate la conferinte internationale cu comitet de program

A) Articole publicate in volume indexate in baze de date internationale

2006

1. Purcaru, D. M., **Purcaru, I.**, Niculescu, E., *Some Methods for Computing RMS Values and Phase Differences of Currents and Voltages*, Proceedings of the 9th WSEAS International Conference on Applied Mathematics (MATH'06), Turkey, 2006, pp. 587–591, WSEAS Press, ISSN: 1790:5117; ISBN: 960-8457-45-9. [INSPEC, COMPENDEX, SCOPUS, ZENTRALBLATT, BRITISH LIBRARY]
2. Nedelcuț, D., Sacerdoțianu, D., Marinescu, A., **Purcaru, I.**, *Monitoring of Dielectric Losses and Own Capacity for Bushings*, Proceedings of the Sixth IASTED International Conference on European Power and Energy systems, EuroPES 2006, June 26–28, 2006, Rhodos, Greece, Proceedings - pp. 234 -239, ISSN: 1482-7891, ISBN-10: 0 88986 555 8. [COMPENDEX, INSPEC]

B) Articole publicate in volume cu ISBN publicate in edituri internationale sau recunoscute CNCSIS, respectiv comunicari

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3. Nedelcuț, D., Marinescu, A., Sacerdoțianu, D., Pătru, I., **Purcaru, I.**, *Echipament pentru monitorizarea on-line a trecherilor izolate de tip condensator*, CIGRE, WG D1.33, 29 sept. 2005, Eforie Nord, România.

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4. Niculescu, E., Purcaru, D.M., **Maria, M.**, Leoveanu, M., *Extracting power MOSFET Parameters from Switching Waveforms*, Proceedings of 17th EAEEIE Annual Conference on Innovation in Education for Electrical and Information Engineering, Craiova, Romania, 2006, pp.31-36, Universitaria Publishing House, ISBN: 973-742-350-X, 978-973-742-350-4.
5. Sacerdoțianu, D., Nedelcuț, D., Marinescu, A., **Purcaru, I.**, *Monitoring System for Bushings*, 7th International Carpathian Control Conference (ICCC'2006), Proceedings (ISBN 80-248-1066-2), pp. 485-488, Ostrava-Beskydy, Czech Republic, May 29-31, 2006.

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6. Nedelcuț D., Sacerdoțianu D., Hurezeanu I., **Purcaru I.**, *Monitoring and diagnosis system for the operation of the cooling batteries afferent to power transformers and reactors*, The 8th International Carpathian Control Conference (ICCC'2007), may 24 -27, 2007, Strbske Pleso, High Tatras, Slovak Republic.

7. Nedelcuț D., Sacerdoțianu D., **Purcaru I.**, Hurezeanu I., Lăzărescu F., Pătru I., *ICMET's achievements in the field of transformer unit monitoring and diagnosis*, International Symposium on High Voltage and High Power Tests, Measurements and Certification of Electrical Power Equipment (third edition) and Symposium on Progress in Electrical Power Equipment Monitoring and Diagnosis (first edition), Băile Olănești, November 26-28, 2007.
8. Vintila, A., **Purcaru, I.**, *Method for Grouping Composite Electrical Insulators*, The International Conference on Structural Analysis of Advanced Materials - ICSAM 2007, Patras, Greece, Sept. 02-06 2007.
9. Vintila, A., **Purcaru, I.**, Pop, I., Rais, C., *Monitoring and control of composite insulators crimping process using the acoustic emissions technique*, Symposium on Progress in Electrical Power Equipment Monitoring and Diagnosis (first edition), Băile Olănești, November 26-28, 2007.