

LISTĂ LUCRĂRI PUBLICATE

1. Balint, R., Buta, A., **Molnar-Matei, F.**, *The Magnetic Fields Particularity Product of Overhead Lines That Feeding The Railway Electrical Stations*, 7th International Conference on Applied Electromagnetics, Nis, 23-25 May 2005.
2. Buta, A., Toader, D., Băloi, A., **Molnar-Matei, F.**, *Aspecte noi privind definirea puterilor in rețelele electrice care funcționează in regimuri nesimetrice și nesinusoidale*, Zilele Academice, Timișoara 2005.
3. Chiosa, N., Băloi, A., **Molnar-Matei, F.**, Buta, A., *Aspecte particulare in alimentarea consumatorilor de servicii proprii ale stațiilor RET*, Simpozionul Național - Siguranța in functionarea sistemului electroenergetic, Sinaia 2005, pp.177-184.
4. Chiosa, N., Băloi, A., **Molnar-Matei, F.**, Buta, A., *The Particularities of the Load Curves of Specific Services RET Stations*, Proceedings of the 6th International Power Systems Conference, 3-4 November, Timisoara 2005, pp.135-140.
5. Moga, M., **Molnar-Matei, F.**, *Advantages of Using of the Topological Indices for the Distribution Networks Representation*, EUROCON 2007-The International Conference on "Computer as a Tool", Warsaw, 09-12 September 2007, pp.1387-1391.
6. Moga, M., **Molnar-Matei, F.**, *Using of the Topological Indices for Reconfiguration Operations and States Computations*, WEC Regional Energy Forum - FOREN 2008, Neptun, 15-19 June 2008.
7. Moga, M., **Molnar-Matei, F.**, Dale, L., *Simulation Software of the Voltage Sags Effects on Power System Loads*, 8th WSEAS International Conference on POWER SYSTEMS (PS 2008), Santander, Cantabria, Spain, September 23-25, 2008, pp.148-154.
8. Moga, M., **Molnar-Matei, F.**, Biriescu, M., *Application Software for Minimum Loss Configuration of the Distribution Networks*, IEEE Region 8 EUROCON 2009 International Conference, 18-23 May, 2009, Saint - Petersburg, Russia.
9. **Molnar-Matei, F.**, Moga, M., *Considerations about voltage sags detection techniques in electrical networks*, Proceedings of the 8th International Power Systems Conference, 4-7 November 2009, Timisoara, pp.313-320.
10. **Molnar-Matei, F.**, Moga, M., Pană, A., *New Method for Voltage Sags Characteristics Detection in Electrical Networks*, MELECON 2010 - The 15th IEEE Mediterranean Electrotechnical Conference, accepted for publication, 2010.
11. **Molnar-Matei, F.**, Moga, M., Băloi, A., *Software for Analysing Unbalanced Voltage Sags Effects on Power System Loads*, UPEC 2010 - 45th International Universities' Power Engineering Conference, to be published, 2010.
12. Pană, A., Băloi, A., **Molnar-Matei, F.**, *Experimental Validation of Power Mechanism for Load Balancing Using Variable Susceptances in Three Phase Four Wire Distribution Networks*, EUROCON 2007 - The International Conference on "Computer as a Tool", 09-12 September, Warsaw 2007, pp.1567-1572.
13. Pană, A., Băloi, A., **Molnar-Matei, F.**, *Application of the State Variables Method on Quickly Evaluation of the Harmonic Resonance Frequencies in a Transmission Line*, EUROCON 2007 - The International Conference on "Computer as a Tool", 09-12 September, Warsaw 2007, pp.1573-1578.
14. Toader, D., Buta, A., Blaj, C., **Molnar-Matei, F.**, Băloi, A., *New Aspects About Power Definition in Electric Circuits*, International Journal Electronics, Vol.7, No.2, University of Banja Luka, 2005, pp.105.