

# LISTA COMPLETĂ DE LUCRĂRI

As.dr.ing. Mircea BĂBĂIȚĂ

## A. LISTA CELOR MAI RELEVANTE LUCRĂRI PUBLICATE

- [1] Lascu D., Bauer P., **Băbăiță M.**, Lascu M., Popescu V., Popovici A., Negoțescu D., *Distance Education in Soft-Switching Inverters*, JPE Journal of Power Electronics, vol. 10, no. 6, pp.628-634, 2010, ISSN 1598-2092, Korea.
- [2] Bauer P., Lascu D., Lascu M., **Băbăiță M.**, Popescu V., Negoțescu D., Popovici A., *E-Learning Practical Teaching of Uncontrolled Rectifier*, EPE 2009, Proceedings of the 13<sup>th</sup> European Conference on Power Electronics and Applications, 8-10 September 2009, Barcelona, ISBN: 97890758115009, IEEE Catalog Number CFP09850-CDR. 0475-P.1-P.10, pg 1840-1849.
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- [4] Szabo, R., Gontean, A., Lie, I., **Băbăiță, M.**, *Comparison between Agilent and National Instruments Functional Test Systems*, 8<sup>th</sup> IEEE International Symposium on Intelligent Systems and Informatics SISY 2010, 10-11 September, 2010, Subotica, Serbia, IEEE Catalog Number: CFP1084C-CDR, ISBN: 978-1-4244-7395-3, pg.87-92.
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- [7] **Băbăiță M.**, Popescu V., Popovici A., Lascu D., Lascu M., Negoțescu D., *DC Motor Drive with PFC Rectifier*, The 7th International Conference on Renewable Sources and Environmental Electro-Technologies RSEE 2008, 29-30 May 2008, Oradea, Journal of Electrical and Electronics Engineering, ISSN 1844-6035, pg. 167-170.
- [8] **Băbăiță M.**, Popescu V., Popovici A., Papazian P., *Modeling, Analysis and Simulation Results Regarding a Power Factor Correction Rectifier*, Buletinul științific al Univ. „Politehnica” Timișoara, Transactions on Electronics and Telecommunications, "ETc. 2006", Tomul 51 (65), fascicola 1, 2006, ISSN 1583-3380, Septembrie 21-22, pg. 136 – 141, 2006 Timișoara.
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## B. TEZA DE DOCTORAT

„Contribuții privind îmbunătățirea calității puterii absorbite în sistemele de alimentare c.a – c.c.”; domeniu de doctorat: Inginerie Electronică și Telecomunicații, conducător științific: prof.dr.ing. Viorel Popescu; susținută public în 26.11.2010, confirmată prin Ordinul MECTS Nr.4387/06.06.2011.

## C. BREVETE DE INVENȚIE ȘI ALTE TITLURI DE PROPRIETATE INDUSTRIALĂ

### D. CĂRȚI ȘI CAPITOLE DIN CĂRȚI

- [1] Mureșan T., Gontean A., **Băbăiță M.**, *Circuite digitale*. Ediția a II-a revăzută și adăugită, Editura de Vest Timișoara, pg.218, 2007, ISBN 978-973-36-0454-9 (contribuție personală 109 pg.).
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### E. LISTA LUCRĂRILOR PUBLICATE CU REFERIRE LA TEZA DE DOCTORAT

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- [3] **Băbăiță M.**, Popovici A., *Application of Fuzzy Logic in V/f Control of Matrix Converter Induction Motor Drive*, Proceedings of the Symposium an Electronics and Telecommunications, "ETc 2000", Timișoara, 23-24 noiembrie 2000, Vol. II, pg 144-147.
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## F. LISTA TUTOROR LUCRĂRILOR PUBLICATE

- [1] Lascu D., Bauer P., **Băbăiță M.**, Lascu M., Popescu V., Popovici A., Negoîtescu D., *Distance Education in Soft-Switching Inverters*, JPE Journal of Power Electronics, vol. 10, no. 6, pp.628-634, 2010, ISSN 1598-2092, Korea.
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- ISETC 2010, Timișoara, November 11-12, 2010, IEEE Catalog Number: CFP1003L-ART, ISBN:978-1-4244-8460-7, pg.119-122.
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