

Laboratoire de Technologie Industrielle et de l'Information (LTII)

Publications Internationales

01	A.Y. Achour, B. Mendil, S. Bacha, and I Munteanu "Passivity based current controller design for permanent-magnet synchronous motor" ISA Trans., 48(3), pp.236-246, July 2009. http://www.sciencedirect.com
02	H. A.Y. Achour, B. Mendil, S. Bacha, and I Munteanu "Passivity based current controller design for permanent-magnet synchronous motor" ISA Trans., 48(3), pp.236-246, July 2009. www.science-direct.com/science/journal/00190578
03	R. Metidji and B. Mendil "PSS Design Based on RNN and the MFA\FEP Control Strategy," International Journal of Computer Science and Information Security' (IJCSIS), pp. 217-221, Vol. 8 No. 2, May 2010. http://www.journaldatabase.org/articles/pss_design_based_on_rnn_mfafep_control.html
04	N.A. Lahaçani, D. Aouzellag, and B. Mendil, "Contribution to the improvement of voltage profile in electrical network with wind generator using SVC device", renewable energy vol.35, issue 1, Jan 2010. www.sciencedirect.com/science?_ob
05	N. Aouzellag Lahaçani, D. Aouzellag, B. Mendil « Static compensator for maintaining voltage stability of wind farm integration to a distribution network, » Renewable Energy, pp. 2476-2482, Vol.35 No11, Nov.2010. http://www.sciencedirect.com/science/article/pii/S0960148110001126
06	H. Lehouche, H. Guéguen and B. Mendil, "Supervisory control based on closed-loop adaptive control approach of nonlinear systems: Application to CSTR process" Accepted, Asian Journal of Control (AJC). http://onlinelibrary.wiley.com/doi/10.1002/asjc.317/abstract
07	H. Lehouche, H. Guéguen and B. Mendil, "Set-point supervisory control methodology of Nonlinear Continuous Stirred Tank Reactor Process (NCSTRP)" Accepted, Arabian Journal of Science and Engineering (AJSE), à paraître en Dec.2011. http://ajse.kfupm.edu.sa/jindx_engg.asp
08	S. Lalouni, D. Rekioua, T. Rekioua, E. Matagne, Fuzzy logic control of stand-alone photovoltaic system with battery storage, Journal of Power Source, vol. 193, N°: 2, pp: 899-907, 2009, www.elsevier.com/locate/jpowsour
09	Said Ould Amrouche, Djamila Rekioua, Abderahmane Hamidat, Modelling photovoltaic water pumping systems and evaluation of their CO2 emissions mitigation potential, Applied Energy, Volume 87, Issue 11, November 2010, Pages 3451-3459 http://www.sciencedirect.com/science/article/pii/S0306261910002060
10	K. IDJDARENE, D. REKIOUA, T. REKIOUA, A. TOUNZI, "Performance of an Isolated Induction Generator under Unbalanced Loads", IEEE Transactions on Energy Conversion, Vol. 25, N°: 2, pages. 303-311, 6-2010. http://ieeexplore.ieee.org/iel5/60/5467345/05353693.pdf?arnumber=5353693
11	R. ABDELLI, D. REKIOUA ; T. REKIOUA "Performances Improvements and Torque Ripple Minimization For VSI Fed Induction Machine With Direct Control Torque", ISA Transactions Vol 50 Issue2 (April 2011): 213-219. http://www.sciencedirect.com/science/article/pii/S0019057810001047

12	Kassa Idjdarene, Djamila Rekioua Toufik Rekioua, and Abdelmounaim Tounzi Wind energy conversion system associated to a flywheel energy storage system Analog Integrated Circuits and Signal Processing Volume 69, Number 1 , 67-73, DOI: 10.1007/s10470-011-9629- October 2011 http://www.springerlink.com/content/9t40048111235044/
13	F. Chekired, C. Larbes , D. Rekioua, F. Haddad Implementation of a MPPT fuzzy controller for photovoltaic systems on FPGA circuit, Energy Procedia 6 (2011) 541–549, http://www.sciencedirect.com/science/article/pii/S1876610211014731
14	F. Tazerart, T. Rekioua, M. Adli, A. Betka” Power factor Improvement of an Induction Motor Drive Fed by a Matrix Converter”. J. Electrical Systems: special issue N° 2 (2010): 14-25 http://journal.esrgroups.org/jes/papers/JESSI22.pdf
15	N. TAIB, T. REKIOUA, B. FRANCOIS, "An Improved Fixed Switching Frequency Direct Torque Control of Induction Motor Drives Fed by Direct Matrix Converter", International Journal of Computer Science and Information Security, IJCSIS, Vol. 7, N°. 3, ISBN. ISSN 1947 5500, 3-2010. http://sites.google.com/site/ijcsis/volume-7-march-2010
16	Azib, F. Tazerart, B.Metidji, N. Taib, DJ. Ziane and T. Rekioua “Matrix Converter Control Algorithm Dedicated to Feed the Double Star Induction Machine” <i>International Journal of Research and Reviews in Computing Engineering Vol. 1, No.1, March 2011 Copyright © Science Academy Publisher, United Kingdom</i> http://www.sciacademypublisher.com/journals/index.php/IJRRCE/article/view/52
17	F. Tazerart ¹ , A. Azib ¹ , B. Metidji ¹ , N. Taib ¹ , T. Rekioua ¹ and P. Le Moigne ² “Fuzzy Logic Speed Control Algorithm of Induction Motor Fed by Direct Matrix Converter” <i>International Journal of Research and Reviews in Computing Engineering Vol. 1, No. 1, March 2011 Copyright © Science Academy Publisher, United Kingdom</i> http://www.sciacademypublisher.com/journals/index.php/IJRRCE/article/view/53
18	Brahim Metidji, Farid Tazart, Ahmed Azib, Nabil Taib, Toufik Rekioua “A New Fuzzy Direct Torque Control Strategy for Induction Machine Based on Indirect Matrix Converter “ <i>International Journal of Research and Reviews in Computing Engineering Vol. 1, No. 1, March 2011 Copyright © Science Academy Publisher, United Kingdom</i> http://www.sciacademypublisher.com/journals/index.php/IJRRCE/article/view/55
19	Brahim Metidji, Ahmed Azib, Farid Tazerart, Nabil Taib, Toufik Rekioua “Fuzzy Direct Torque Control with Torque Ripple Reduction for Induction Motor Drives fed by Matrix converters” <i>International Journal of Research and Reviews in Computing Engineering Vol. 1, No. 1, March 2011 Copyright © Science Academy Publisher, United Kingdom</i> http://www.sciacademypublisher.com/journals/index.php/IJRRCE/article/view/56
20	N. TAIB, T. REKIOUA, B FRANCOIS, “Novel Low-Cost Self-Powered Supply Solution of Bidirectional Switch Gate Driver for Matrix Converters”, <i>IEEE Trans. On Industrial Electronics, Vol. 59, no. 1, pp. 211-219, Oct 2011</i> http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=5995164
21	M. Azni, R. Pyndiah, K. Mokrani, F. Guilloud « Joint source and channel coding for real time H264 coded video transmission using mobile hand held device” <i>IETE journal of research, vol 55, pp. 154-161, Jul-Aug 2009 .</i> www.ietejournal.org
22	O. Guenounou, A. Belmehdi and B. Dahhou, Multi-Objective Optimization of TSK Fuzzy Models, Expert Systems With Applications, volume 36, issue 4, pp 7416–7423, 2009 http://www.sciencedirect.com/science/article/pii/S0957417408006349

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