

## Communications Internationales

- 1- Abelmalek KOUADRI, Aissa KHELDOUN, “[Graphical –based approach for fault detection in a cement rotary kiln system](#)”, MatTriad’2015, International Conference on Matrix Analysis and its Applications, Coimbra, Portugal, 07-11 September, 2015.
- 2- Brahim METIDJI, Lotfi BAGHLI, “[Matrix converter prototype for motor drives](#)”, 3<sup>rd</sup> International Conference on control, engineering and information technology. 25- 27, May 2015, Tlemcen, Algeria.
- 3- J. ABERBOUR, A. KHELDOUN, “[Effect of cost function and PSO topology on the design of PID parameters for the AVR system](#)”, 4th International Conference on Electrical Engineering, Boumerdes, 13-15/2015.
- 4- R. METIDJI, B. METIDJI, “[Wind energy fuzzy power system stabilizer](#)”, 4th International Conference on Electrical Engineering, Boumerdes, 13-15, 2015.
- 5- B. METIDJI, R. METIDJI, “[Matrix converter SVM control implementation on DSP/CPLD](#)”, 4th International Conference on Electrical Engineering, Boumerdes, 13-15, 2015.
- 6- R. BENDIB, H. BENTARZI, “[Investigation of the effect of design aspects on dynamic control of a binary distillation column](#)”, 4th International Conference on Electrical Engineering, Boumerdes, 13-15, 2015.
- 7- A. ZITOUNI, A. OUADI, H. BENTARZI, “[Measurement Quality Enhancement using Digital Filter in Power Grid integrating TCSC](#)”, EPE2015, Kouty nad Desnou, Czech Republic, May 20–22, 2015, (IEEE explorer)  
DOI: [10.1109/EPE.2015.7161175](https://doi.org/10.1109/EPE.2015.7161175)
- 8- H. BENTARZI, “[A New Framework of Numerical Auto-recloser using Labview](#)”, the second International Conference on Advanced Technology & Sciences(ICAT’15), 04– 07 August 2015, Antalya, Turkey.
- 9- H. BENTARZI et all, “[SCADA Enhancement of Power System using PMUs](#)”, the second International Conference on Advanced Technology & Sciences (ICAT’15), 04– 07 August 2015, Antalya, Turkey.
- 10- A. RECIQUI, H. BENTARZI, M. TSEBIA, “[PMU deployment in power system oscillation monitoring](#)”, International Symposium on sustainable Aviation (ISSA’2015), May 31-June 3, 2015 in Istanbul, Turkey.

- 11- F. Z. DEKHANDJI, L. REFOUFI, H. BENTARZI, “[Assessment and modeling of induction motor performnace under voltage unbalance conditions with emphasis on the complex angle](#)”, International Conference on Mathematical Modeling and Applied Analysis (ICAAMM’ 2015) in Istanbul, Turkey.
- 12- F. Z. DEKHANDJI, H. BENTARZI, “[Effects of Voltage Disturbances on Induction Motors and Adjustable Speed Drives](#)”, Presented in the 4th International conference on Electrical and Electronic Engineering ICEE'2015, December 13 th to 15 th , 2015, Boumerdes, Algeria.
- 13- Ayache MATI, Merouane BEGBAGUI, H.BENTARZI, “[A new framework of numerical distance relay using LabVIEW](#)”, 4th International Conference on Electrical Engineering (ICEE), 13-15 December 2015, Boumerdes, Algeria.  
IEEE Catalog Number: CFP15C99-ART,  
ISBN: 978-1-4673-6673-1
- 14- H. BENTARZI, “[PMU Based Centralized Adaptive Load Shedding Scheme in Power System](#)”, International Conference on Microelectronics - ICM2015, December 20- 23, 2015, Casablanca, Morocco.
- 15- Abdelmadjid RECIQUI, “[Design and Thinning of Linear and Planar Antenna Arrays using a Binary Teaching Learning Optimizer](#)”, Second International conference on computational and experimental science and engineering (ICCESEN 2015); October 14-19, 2015 in Antalya, Turkey.
- 16- Abdelmadjid RECIQUI, Brahim BENSEGHIER, Hamza KHALFALLAH, “[Power System Fault Detection, Classification and Location Using the K-Nearest Neighbors](#)”, Fourth International conference on Electrical engineering, December 13-15, 2015, Boumerdes, Algeria
- 17- Abdelmadjid RECIQUI, “[Use of Spiral Optimization Technique to Enhance the Capacity of MIMO Communication Systems Employing One and Two-Dimensional Array Antennas](#)”, International conference on mathematical modeling and applied analysis (ICAAMM’ 2015) June 8-12 in Istanbul, Turkey.
- 18- Fatma Zohra DEKHANDJI, Larbi REFOUFI, “[Performance of Induction Motors under Three Phase Voltage Unbalance Focusing on the Complex Angle](#)”, International conference on mathematical modeling and applied analysis (ICAAMM’ 2015) June 8-12 in Istanbul, Turkey.
- 19- Dounia BELAKROUM, Abdelmalek KOUADRI, “[A new approach for numerical solution of a Telegraph Equation](#)”, 1<sup>er</sup> workshop international des mathématiques, Bouira - Algeria, du 28/11/2015 au 30/11/2015.
- 20- Dounia BELAKROUM, Abdelmalek KOUADRI, “[A Numerical Solution for a Telegraph Equation Using Bernstein Polynomials](#)”, Conference on Matrix Analysis and its Applications-MatTriad’2015, Coimbra - Portugal, du 07/09/2015 au 11/09/2015.

- 21- Abdelmalek KOUADRI, Aissa KHELDOUN, “[A Graphical Based-Approach for Fault Detection in a Cement Rotary Kiln System](#)”, Conference on Matrix Analysis and its Applications-MatTriad'2015, Coimbra - Portugal, du 07/09/2015 au 11/09/2015
- 22- Abdelmalek KOUADRI et al., “[A Robust PCA-based approach for fault detection in a complex system](#)”, 2<sup>nd</sup> International Conference on Mathematics and Statistics, Sharjah - UAE, du 02/04/2015 au 06/04/2015
- 23- Abdelhamid DAAMOUCHE et al., “[Building detection in remote sensing images using Gabor filters](#)”, 2nd International Conference on Computational and Experimental Science and Engineering, Antalia – Turkey, du.
- 24- Abdelhamid DAAMOUCHE et al., “[Adaptive structuring elements for road classification in urban areas](#)”, 2nd International Conference on Mathematics and statistics, Sharjah - UAE, du.
- 25- Abdelhamid DAAMOUCHE et al., “[Classification of hyperspectral data using grey model](#)”, 4th International conference on electrical engineering, Boumerdès - Algeria, du 11/12/2015 au 13/12/2015
- 26- Youcef HARGAS, Adel MOKRANE, Abdelfetah HENTOUT, Ouarda HACHOUR, Brahim BOUZOUIA, “[Mobile manipulator path planning based on artificial potential field: Application on RobuTER/ULM](#)”, 4th International conference on electrical engineering, Boumerdès-Algeria, du 11/12/2015 au 13/12/2015.
- 27- F. MOUHOUCHE, A. AZRAR, “[Analysis and Simulation of a New Tri-Frequency Band Microstrip Patch Antenna Using Finite Time Domain Method](#)”, International Conference on Automatic control, Telecommunications and Signals, ICATS'16-18<sup>th</sup> November 2015, Annaba, Algeria.
- 28- D. RABAHALLAH, M. CHALLAL AND N. TALAHARIS, “[Tri-Band Microstrip Bandpass Filters for GSM and WiMAX Applications](#)”, 4<sup>th</sup> International Conference on Electrical Engineering - ICEE'2015, 13-15 December 2015, Boumerdes, Algeria.
- 29- S. BOUDAA, M. CHALLAL, R. MEHANI, “[Miniaturized Microstrip Ultra-Wide Stopband Low Pass Filter Design](#)”, Accepted to the 4<sup>th</sup> International Conference on Electrical Engineering - ICEE'2015, 13-15 December 2015, Boumerdes, Algeria.
- 30- M. CHALLAL, M. DEHMAS, A. AZRAR, R. AKSAS, M. TRABELSI, “[Sharp- Rejection, Wide and Deep Stopband Low Pass Filter Design using Open Stubs and DGS Patterns](#)”, The 2<sup>nd</sup> International Conference on Computational and Experimental Science and Engineering - ICCESSENT5, 14-19 October 2015, Antalya, Turkey

- 31- N. SMAILI, M. DJEDDOU, K. CHANEM, A. AZRAR, “[Performance Study of the LTE Communication System Using Different Detectors Structure in a Correlated Rayleigh Channel](#)”, 4<sup>th</sup> International Conference on Image and Signal Processing and their Application, ISPA’15, 6<sup>th</sup> and 7<sup>th</sup> September 2015, Mostagane, Algeria.
- 32- N. SMAILI, K. CHANEM, M. DJEDDOU, A. AZRAR, “[Performance Study of the LTE-A Communication System Using Different Detectors Structure in a Correlated Rayleigh Channel](#)”, International Conference on Advanced Systems and Signal Processing, ICOSIP’15, 8<sup>th</sup> and 9<sup>th</sup> November 2015, Tlemcen, Algeria.
- 33- N. SMAILI, M. DJEDDOU, K. CHANEM, A. AZRAR, “[Impact of Beamforming Technique on the Performance of an LTE-A Standard](#)”, 4<sup>th</sup> International Conference on Image and Signal Processing and their Application, ISPA’15, 6<sup>th</sup> and 7<sup>th</sup> September 2015, Mostagane, Algeria.
- 34- N. SMAILI, M. DJEDDOU, K. CHANEM, A. AZRAR, “[Impact of Antenna Technique Diversity order on the Performance of an LTE Based System in Correlated Rayleigh](#)”, Conférence internationale sur les Télécommunications et les TIC, 16<sup>th</sup> and 17<sup>th</sup> Mai 2015, Oran, Algeria.
- 35- N. SMAILI, M. DJEDDOU, K. CHANEM, A. AZRAR, “[Impact of Antenna Technique Diversity order on the Performance of an LTE Based System in Correlated Rayleigh](#)”, Conférence internationale sur les Télécommunications et les TIC, 16<sup>th</sup> and 17<sup>th</sup> Mai 2015, Oran, Algeria.
- 36- W. KROUKA, S. FENNI, M. CHALLAL, R. AKSAS, “[Evaluation of Polarization Diversity Antenna for Wireless Communication Applications](#)”, Accepted to the 4<sup>th</sup> International Conference on Electrical Engineering - ICEE'2015, 13-15 December 2015, Boumerdes, Algeria.
- 37- K. ABDELOUAHAB, C. BENSMAIL, M. CHALLAL, R. AKSAS, “[Design and Implementation of Electronic Scanning Antenna Array with Programmable control Phase](#)”, 2<sup>nd</sup> International Conference on Computational and Experimental Science and Engineering, ICCESN 2015, 14-19 October 2015, Antalya, Turkey.

## Communications Nationales

- 1- Dounia BELAKROUM, Abdelmalek KOUADRI, “[An approximate solution of damped wave equation](#)”, 3<sup>ème</sup> Journées nationales sur les mathématiques appliquées, Skikda-Algeria, du 09/10/2015 au 10/10/2015