

## Publications Internationales

- 1- Djalal Eddine KHODJA, Stéphane SIMARD, Rachid BEGUENAN, “Implementation of Optimized Approximate Sigmoid Function on FPGA Circuit to use in ANN for Control and Monitoring”, Journal of Control Engineering and Applied Informatics, Vol 17, No 2, pp. 64-72, 2015.
- 2- Salim DJERIOU , Aissa KHELDOUN, Radhwane SADOUNI, “Fuzzy indirect field oriented control of a dual star induction motor water pumping system fed by photovoltaic generator”, Eng. Int. Syst.; Vol. 23 issue 2, pp. 63–76, 2015.
- 3- Aissa KHELDOUN, Salim DJERIOU, Abdelamlek KOUADRI, Larbi REFOUFI, “A simple and accurate maximum power point tracking algorithm for photovoltaic systems”, Book Chapter, Progress in Clean Energy, Vol. 2, pp. 721-733, DOI: [10.1007/978-3-319-17031-2\\_50](https://doi.org/10.1007/978-3-319-17031-2_50).
- 4- F. Z. DEKHANDJI, L. Refoufi, H. Bentarzi, “Quantitative assessment of three phase supply voltage unbalance effects on induction motors”, Int. J. Syst. Assur. Eng. Manag, pp. 1-14 (2015).
- 5- Fatma Zohra DEKHANDJI and Larbi REFOUFI, “Performance of Induction Motor Under the Effect of Voltage Unbalance with Loading Consideration”, Progress in Clean Energy Volume II: Novel Systems and Applications, Springer 2015. DOI: [10.1007/978-3-319-17031-2\\_49](https://doi.org/10.1007/978-3-319-17031-2_49)
- 6- A. OUADI, H. BENTARZI, “A Supervisory power Flow Controller for a Hybrid Power System”, Applied Mechanics and Materials Vol. 789-790 pp 333-361. Online available since Sep. 2015/Jan/09 at [www.scientific.net](http://www.scientific.net), Trans Tech Publications, Switzerland DOI: [10.4028/www.scientific.net/AMM.789.790](https://doi.org/10.4028/www.scientific.net/AMM.789.790).
- 7- A. Reciouï, H. Bentarzi, A. Ouadi, “Application of a binary teaching learning-based algorithm to the optimal placement of phasor measurement units”, Progress in Clean Energy, Vol.1, pp.817-830.
- 8- Abdelmadjid RECIOUI, “Optimization of Antenna Arrays Using Different Strategies Based on Taguchi Method”, Arabian Journal for Science and Engineering, Volume 39, Issue 2, pp 935-944 (2014).
- 9- Abdelmadjid RECIOUI, “Pattern Synthesis of Non uniformly Spaced Arrays Based on Unit Circle Representation and Taguchi Method”, Wireless Personal communications, Volume 75, Issue 4,2014, pp 1969-1981
- 10- A. RECIOUI, “Optimization of Circular Antenna Arrays Using a Differential Search Algorithm”, Special Issue of the International Conference on Computational and Experimental Science and Engineering(ICCESEN-2014), Antalya, Turkey, October 25-29, 2014, ACTA PHISICA POLONICA A, Vol. 128, N° 2.B, 2015.

- 11- Abdelmadjid RECIOUI, Hamid BENTARZI, Abderrahmane OUADI, “[Application of a Binary Teaching Learning-Based Algorithm to the Optimal Placement of Phasor Measurement Units](#)”, Progress in Clean Energy, Volume 1, pp 817-830.  
DOI : [10.1007/978-3-319-16709-1\\_60](https://doi.org/10.1007/978-3-319-16709-1_60)
- 12- A. BOUREZG, H. MEGLOULI, “[Reliability assessment of power distribution systems using disjoint path-set algorithm](#)”, Journal of Industrial Engineering International, Springer, Volume 11, Issue 1, (2015).
- 13- Fatma Zohra DEKHANDJI, Larbi REFOUFI, “[Performance of Induction Motor Under the Effect of Voltage Unbalance with Loading Consideration](#)”, Progress in Clean Energy Volume II: Novel Systems and Applications, Springer 2015.
- 14- Fatma Zohra DEKHANDJI, Larbi REFOUFI, Hamid BENTARZI, “[Quantitative assessment of three phase supply voltage unbalance effects on induction motors](#)”, International journal of system assurance engineering and management, Springer.  
DOI: [10.1007/s13198-015-0401-3](https://doi.org/10.1007/s13198-015-0401-3).
- 15- Mounira BITCHIKH, Arab AZRAR, Rabia AKSAS, “[UWB Coplanar Waveguide Octagonal Antenna](#)”, Wireless Personal Communications, Vol. 84, No. 2, September 2015.
- 16- M. BOULAKROUNE, M. CHALLAL, H. LOUAZENE, S. FENTIZ, “[Design and Synthesis of Tunable Bandpass Filters based on Varactors and Defected Ground Structure](#)”, International Journal of Electrical, Computer, Electronics and Communication Engineering, vol. 9, No. 3, pp. 298-302, September 2015.
- 17- K. FERTAS, H. KIMOUCHE, M. CHALLAL, H. AKSAS, R. AKSAS, A. AZRAR, “[Design and Optimization of a CPW-Fed Tri-band Patch Antenna using Genetic Algorithms](#)”, CES Journal- Applied Computational Electromagnetics Society Journal , vol. 30, n°7, pp. 754-759, Jul. 2015.
- 18- M. CHALLAL, M. DEHMAS, A. AZRAR, R. AKSAS, M. TRABELSI, “[Wide Stopband Microstrip Bandpass Filter Based on a Compact Slotted Ground Structure](#)”, ACTA Physica Polonica A, vol. 128, No. 2, pp. 71-72, Aug. 2015.
- 19- Bedri SEMMAR, Rabia AKSAS, Mouloud CHALLAL, Arab AZRAR, Mohamed TRABELSI, “[Numerical Determination of Permittivity and Permeability Tensors of a Dielectric Metamaterial Composed of an Infinite Number of Split Ring Resonators](#)”, Wireless Personal Communications, Vol. 82, No. 1, May 2015.