

## **Publications Internationales**

- 1- A. Kheldoun, R. Bradai, R. Boukenoui, A. Mellit, “A new Golden Section Method- based maximum power point tracking algorithm for photovoltaic systems”, Energy Conversion and Management, vol. 111, pp. 125-136, March 2016.
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- 3- R. Bendib, H. Bentarzi, “Contribution to improve the dynamic control of a binary distillation column”,  
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- 4- A. Abdelmoumene, H. Bentarzi, M. Chafai, et al., “Reliability assessment and improvement of digital protective relays”, Int J Syst Assur Eng Manag, Volume 7, pp 62–69, (2016).  
*DOI: 10.1007/s13198-014-0300-z*
- 5- A.Ouadi, H. Bentarzi, M. Chafai, “A new PMU based power swing detector to prevent mal-operation of distance relay”, M. Russ. Electr. Engin., Vol.87, Issue 10, pp 572–578 (2016).
- 6- M. Chafai, L. Refoufi, & H. Bentarzi, “Large power transformer reliability modeling”, Int J Syst Assur Eng Manag, Vol. 7 (Suppl 1), pp 9–17 (2016).  
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- 7- Abdelmalek KOUADRI, Lakhdar CHITER, “A Hybrid DIRECT Optimization Algorithm of Neural Network”, Journal of Applied Environmental and Biological Sciences, Vol. 6, Issue 6, pp. 97-107, (2016)

- 8- Belkacem BEKHITI, Abdelhakim DAHIMENE, Bachir NAIL, Kamel HARICHE, “**2-DOF Block Pole Placement Control Application To: HAVE - DASH-II BTT MISSILE**”, International Journal of Information Technology, Modeling and Computing (IJITMC), Vol.4 Issue 2, pp. 17-35, (2016)
- 9- Belkacem BEKHITI, Abdelhakim DAHIMENE, Bachir NAIL, Kamel HARICHE, “**Block-Structure Relocation via State and State Derivative Feedback Eigenspace of Matrix Polynomials Characterization**”, Journal of Control and Systems Engineering, Vol. 4, Issue 1, pp. 95-111, (2016)
- 10- Belkacem BEKHITI, Abdelhakim DAHIMENE, Bachir NAIL, Kamel HARICHE, “**The Left And Right Block Pole Placement Comparison Study: Application To Flight Dynamics**”, International Journal Informatics Engineering (IEIJ), Vol. 4, Issue 1, pp. 41-60, (2016)
- 11- Belkacem BEKHITI, Abdelhakim DAHIMENE, Bachir NAIL, Kamel HARICHE, “**On The Theory Of K -Matrices Based MIMO Control System Design**”, Control Cybernetics, Vol. 44, Issue 4, pp. 1-22, (2016).
- 12- Oussama GASSAB, Arab AZRAR, “**Novel Mathematical Formulation of the Antenna Array Factor for Side Lobe Level Reduction**”, Applied Computational Electromagnetic Society journal, Vol.31, No. 12, pp. 1452-1462, December 2016.
- 13- M. CHALLAL, M. BOULAKROUNE, “**Sharp-Rejection, Wide and Deep Stopband Low Pass Filter Design using Open Stubs and DGS Patterns**”, ACTA Physica Polonica A, vol. 130, No. 1, pp. 9-10, Jul. 2016.  
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- 15- A. RECIOUI, H. BENTARZI, M. TSEBIA, “PMU Deployment in Power System Oscillation Monitoring”, Book Chapter, Sustainable aviation, pp 313-322, 2016.
- 16- A. RECIOUI, “Design and Thinning of Linear and Planar Antenna Arrays Using a Binary Teaching Learning Optimizer”, ACTA PHYSICA POLONICA A, Vol. 130, No: 1, 2016
- 17- Abdelmadjid RECIOUI, “Application of a Galaxy-Based Search Algorithm to MIMO System Capacity Optimization”, Arabian Journal for Science and Engineering, Volume 41, Issue 9, pp 3407–3414 (2015),  
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- 18- Mohamed BOUCHAHDANE, Nassim SOLTANI, Farouk LAMRAOUI, “Maintenance testing of numerical differential protection relay”, International Journal of System Assurance Engineering and Management, Volume 7, Supplement 1, pp 274–281, December 2016