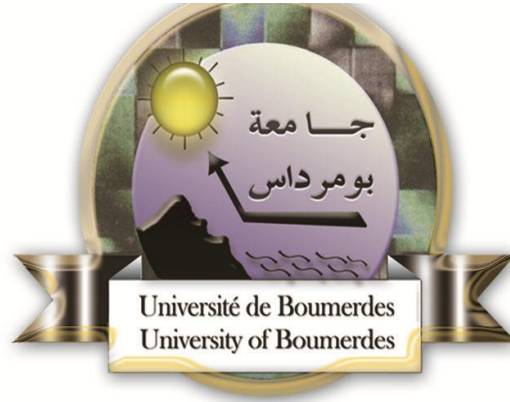


REPUBLIQUE ALGERIENNE DEMOCRATIQUE ET POPULAIRE
MINISTRE DE L'ENSEIGNEMENT SUPERIEUR
ET DE LA RECHERCHE SCIENTIFIQUE

*UNIVERSITE M'HAMED BOUGARA
BOUMERDES*



Publications Nationales et Internationales par Facultés et Institut

Vice-Rectorat chargé de la Formation Supérieure
de Troisième Cycle, l'Habilitation Universitaire,
la Recherche Scientifique et la Formation
Supérieure de Post-Graduation

2000-2015

Sommaire

Génie Physique des Hydrocarbures	4
Fiabilité des Equipements Pétroliers & Matériaux.....	9
Physique de la Terre	13
Synthèse Pétrochimique	18
Electrification des Entreprises Industrielles	22
Technologie des Hydrocarbures.....	28
Ressources Minérales et Energétiques	29
Automatique Appliquée	31
Traitement et Mise en Forme des Polymères Fibreux	37
Mécanique des Solides & Systèmes	41
Matériaux, Procédés & Environnement	44
Dynamique des Moteurs et Vibroacoustique	67
Technologie Alimentaire	74
Energétique, Mécanique et Ingenieries	78
Revêtement, Matériaux & Environnement	82
Technologie Douce, Valorisation, Physico-chimie des Matériaux.....	86
Biologiques et Biodiversité.....	86
Conservation et des Ressources Biologiques	90
Informatique, de Modélisation, d'Optimisation et des Systèmes Electroniques	95
Signaux & Systèmes.....	102
L'avenir de l'économie algérienne hors les hydrocarbures.....	105
Etudes Politiques et Internationales	112



**Faculté des Hydrocarbures
et
de la Chimie**

Université de Boumerdes
University of Boumerdes

Laboratoire
Génie Physique des Hydrocarbures
Agréé en Juillet 2000

Directeur : **AISSANI Slimane**

Grade : **Professeur**

Adresse : **Département Transport et Equipements des Hydrocarbures, Faculté des Hydrocarbures et de la Chimie, Université M'hamed Bougara, Avenue de l'Indépendance, 35000 - Boumerdès**

Téléphone /Fax : **024 79 51 67**

E-Mail : **lgph@umbb.dz**

Publications Internationales :

Année 2015:

- Rabah Kadi, Slimane Aissani, Abdallah Bouam " Numerical simulation of the direct contact condensation phenomena for PTS-related in single and combined-effect thermal hydraulic test facilities using TransAT CMFD code", Nuclear Engineering and Design 293, 346-356,(2015).
- Mohamed Zamoum and Mohand Kessal. " Analysis of cavitating flow through a venturi" Scientific Research and Essays, Vol 10 (11), pp367-375, (2015).
- Mourad Gareche, Azril N., Allal A., Zeraibi N. Colloidal behaviour of aqueuous montmorillonite suspensions in the presence of non-ionic polymer. Journal of Physics: Conference Series 602 (2015) 012006, 1-8, (2015).
- Mourad Gareche, Azril N., Saoudi L., Duppin J.C., Allal A. et Zeraibi N. Colloidal behaviour of aqueuous montmorillonite suspensions in the presence of non-ionic polymer. Journal of Hydraulic Engineering Vol. (1), pp.60-66, (2015).

Année 2014:

- Mellak Abderrahmane, K. Benyounes, « Modeling and rheological characterization og sludge based drilling oil », in the Online journal of Science and technology. vol.4, n°4, pp. 29-35 (2014).
- Kessal Mohand, Boucetta Rachid, Zamoum Mohamed and Tikobaini Mourad, « Numerical modeling of transients in gas pipeline « International journal of physical sciences, Vol 9 Issue 5, pp.82-90, (2014).
- Mellak Abderrahmane, K. Benyounes, A. Djeridi, «Drop pressure optimisation in oil well drilling» , in AIP 1618, 865

Année 2013:

- M. Zamoum, L. Tadrist, H. Combeau and M. Kessal, « Experimental study of boiling heat transfer on multiple and single nucleation sites using a boiling-meter», Heat transfer engineering, Vol 35(5), pp.508-516, (2013).
- Ahmanache, A. Zeraibi, N. «Numerical study of natural melt convection in cylindrical cavity with hot walls and cold bottom sink», Thermal Science, Vol.17, N°3, pp.853-864,(2013).

Année 2012:

- Z. Ouchiha, J. C. Loraud, A. Ghezal, M. Kessal, A. Benzaoui, S. M. Ghiaasiaan, « An investigation of highly pressurized transient fluid flow in pipelines », International Journal of Pressure Vessels and Piping, Vol 92, pp.106-114, (2012).

Année 2011:

- Boualit A., Zeraibi N., Boualit S. , Amoura M., « Thermal development of the laminar flow of a Bingham fluid between two plane plates with viscous dissipation », International Journal of Thermal Sciences, Issue 1, Vol 50, pp.36-43, (2011).
- Benbrik A., Cherifi M., Meftah S. , Khelifi M.S., Sahnoune K., « Contribution to Fire Protection of the LNG Storage Tank using Water Curtain », International Journal of Thermal and Environment Engineering, Vol 2, N°3, (2011).
- Boucetta R., Kessal M., « Effect of the Latent Heat on Wax Deposit in Pipelines », Defect and Diffusion Forum, Vol 312-315, pp.154-159, (2011).

Année 2010:

- Khelifi-Touhami M.S., Benbrik A., Lemonnier D. , Blay D., « Laminar natural convection flow in cylindrical cavity application to the storage of LNG», Journal of Petroleum Science and Engineering, Vol 71, N° 3-4, pp.126-132, (2010).
- Boucetta R., Kessal M., « Modélisation du dépôt de paraffine lors d'un écoulement ascendant de pétrole», The Canadian Journal of Chemical Engineering, Issue 2, Vol 88, pp.190-199, (2010).
- Benyounes K., Mellak A., Benchabane A., « The Effect of Carboxymethylcellulose and Xanthan on the Rheology of Bentonite Suspensions », Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Issue 17, Vol 32, pp.1634-1643, (2010).

Année 2009:

- Zamoum M., Kessal M., « Effect of Bubbles Number on Their Natural Frequency in Liquid-gas Homogeneous Medium », Journal of Experimental Thermal and Energetics, Vol 1, pp.26-29, (2009).
- Meftah S., Ibrahim A., Lemonnier D., Benbrik A., « Coupled Radiation and Double Diffusive Convection in Nongray Air-CO₂ And Air-H₂O Mixtures in Cooperating Situations », Numerical Heat Transfer, Part A: Applications, Vol 56, pp.1-19, (2009).
- Guemana M., Aissani S., Bennani A., « The Compressibility Effect on the Counting Gas Method Choice », International Review of Mechanical Engineering, Vol 3, N°1, pp.104-109, (2009).
- Boucetta R., Kessal M., « Deposition of Wax in Pipelines under Laminar Flow Conditions », Journal of Experimental Thermal and Energetics, Vol 1, pp.2-9, (2009).
- Allal A., Gareche M., Dupin J. C., Roby1 F., Zeraibi N., « Modélisation du module complexe de cisaillement suspensions de bentonite », La Revue Rhéologie, Vol 16, pp.35-44, (2009).

Année 2008:

- Mezrhab A., Lemonnier D., Meftah S., Benbrik A., « Numerical study of double-diffusion convection coupled to radiation in a square cavity filled with a participating grey gas », Journal of Physics D: Applied Physics, Vol 41, 195501, pp.16, (2008).
- Bouam A., Aissani S., Kadi R., « Combustion chamber steam injection for gas turbine performance improvement during high ambient temperature operations », Journal of Engineering for Gas Turbines and Power, Vol 130, 041701-1, (2008).
- Ferrouk M., Aissani S., D'auria F., Delnevo A., Bousbia Salah A., « Assessment of 12 CHF prediction methods, for an axially non-uniform heat flux distribution, with the RELAP 5 computer code », Nuclear Engineering and Design, Vol 238, pp.2718-2725, (2008).
- Bouam A., Aissani S., Kadi R., « Gas turbine performances improvement using steam injection in the combustion chambre under Sahara conditions », Oil and Gas Science and Technology-Revue de l'IFP, Vol 63, N°2, pp.251-261, (2008).
- Mellak A., « Le Gaz Naturel : Une énergie d'avenir grâce à son efficacité énergétique et ses avantages écologiques », European Journal of Scientific Research, Vol 19, N°4, pp.707-713, (2008).

Année 2007 :

- Zeraibi N., Amoura M., Benzaoui A., Gareche M., « Numerical study of thermodependent non Newtonian fluid flow between vertical concentric cylinders », Int Communication of Heat and Mass Transfer, 34 Issue 6, pp.740-752, (2007).
- Mellak A., « Caractérisation rhéologiques des ciments spécifiques aux formations salifères », Lebanese Sciences Journal, Vol 8, N°2, pp.115-125, (2007).

- Mellak A., Benyounes K., Benchabane A., « L'influence du carboxyméthylcellulose de sodium et du sel sur le comportement rhéologique d'une suspension d'argile », European Journal of Scientific Research, Vol 19, N°1, pp.121-127, (2007).

Année 2006 :

- Kessal M., Bennacer R., » The modeling of dissolved gas effect on liquid transients «, Journal of Applied Mechanics, Vol 73, Issue, pp.112-119,
- Amoura M., Zeraibi N., Smati A., » Finit element study of mixed convection for non Newtonian fluid between two coaxial rotating cylinders «, Int. Communication of Heat and Mass Transfer, 33, pp.780-789,

Année 2005:

- Kessal M., Bennacer R., » A new gas release model for a homogeneous liquid-gas mixture flow in pipelines «, International Journal of Pressure Vessels and Piping N°82, pp.713-721, (2005).

Année 2003:

- Amaouche M., Kessal M., « On Cauchy conditions farasymetric mixed convection boundary layer flows «, International Journal of Thermal Sciences N°42, pp.621-630, (2003).
- Smati A., Younsi K., Zeraibi N., Zemmour N., « Modélisation de la disponibilité d'une chaîne de GNL sur la base d'une approche bayèsienne d'estimation des indices de fiabilité », Oil and Gas Science and Technology – Rev- IFP, Vol 58, N°5, pp.531-549, (2003).

Année 2001:

- Kessal M., Amaouche M., « Numerical simulation of transient vaporous and gaseous cavitation in pipelines «, International Journal of Numerical Methods for Heat and Fluid Flow, vol 11, N°2, pp.121-137, (2001).

Année 2000:

- Kessal M., » Simplified numerical simulation of transients in gas networks «, Icheme Transactions Part A: Chemical Engineering Research & Design, Vol 78, pp.925-931, (2000).
- Kessal M., » Gas release effect on transient homogeneous bubbly flow parameters», International Journal of Fluid Mechanics Research, Vol 27, N° 2-4, pp.433-446, (2000).
- Bennacer R., Beji H., Kessal M., «The complex thermosolutal flow pattern in vertical porous Media: brikman model «, Trends in Heat, mass & Momentum Transfer, Vol 6, (2000).
- Smati A., Zeraibi N., Touabti A., » Optimisation du réseau algérien de transport de brut et de condensat «, Rev- IFP, Vol 55, N°5, pp.543-562, (2000).

Publications Nationales :

Année 2010 :

- Boucetta R., Kessal M., « Dépôt de paraffine dans une conduite circulaire », Revue Algérienne de Physique, Vol 4, pp. 15-18, (2010).
- Benyounes K., Mellak A., Benchabane A., « Caractérisation de la bentonite de Maghnia en suspension aqueuse sans et avec additifs anioniques », Revue Courrier du Savoir, Vol 10, pp.51-57, (2010).

Année 2008 :

- Bouam A., Aissani S., Kadi R., « Amélioration des performances des turbines à gaz par l'injection de vapeur d'eau à l'amont de la chambre de combustion », Revue des Energies Renouvelables, Vol 11, N° 2, pp 291-306, (2008).

Directeur : **BOUALI Elahmoune**

Grade : **Professeur**

Adresse : **Département Transport et Equipements des Hydrocarbures, Faculté des Hydrocarbures et de la Chimie, Université M'hamed Bougara, Avenue de l'Indépendance, 35000 - Boumerdès**

Téléphone / Fax: **024 79 52 68**

E-Mail : **lfep@umbb.dz**

Publications Internationales:

Année 2015

- M.Bettayeb, N.Abelbaki, M.Gaceb, E.Bouali, Pipeline test finds Monte Carlo superior to FORM. Oil & Gas Journal vol.113/issue 1, 2015.
- L. Belkacem, N. Abdelbaki, M. Gaceb, E. Bouali, A. Hadjaj, M. Bettayeb, Tensile and torsional loads stress distribution along the drill string for deep wells, Springer Proceedings in Energy, Springer International Publishing Switzerland, Pages 567-580, 2015.
- K Bettahar, M Bouabdallah, R Badji, M Gaceb, C Kahloun, B Bacroix, Microstructure and mechanical behavior in dissimilar 13Cr/2205 stainless steel welded pipes, Materials & Design, Volume 85 (2015), Pages 221-229, Publisher Elsevier.

Année 2014

- Abdelbaki N., Gaceb M., Bouali E., Bettayeb M., Bouzid R., "Reliability Approach to the Choice of Dimensions and Materials of Tubes Used in Hydrocarbons Transport Networks.", Chemical Engineering Transactions, Vol.39(2014) .
- Benmounah Amar, Optimization of maintenance intervals preventive and repair of gas turbines. Case of Algerian gas pipelines, MECHANIKA. Volume 20(3) 2014.
- Abdelbaki N., Gaceb M., Bouali E., Bettayeb M., Bouzid R., «Reliability Approach to the Choice of Dimensions and Materials of Tubes Used in Hydrocarbons Transport Networks. », Chemical Engineering Transactions, Vol.39,2014.
- Meftah S., M. Cherifi, D. Lemonier, A. Benbrik, "Gas radiation effects on opposing double-diffusive convection in aq non-gray air/H₂O mixture" International Journal of Thermal Sciences, Vol.77, pp.38-46,2014.
- Halimi D, Hafaifa A, Bouali E., «Maintenance actionbs planning in industrial centrifugal compressor based on failure analysis»,Eksplotacja I Niezawodnosc - Maintenance and Reliability, Vol.16 No.1,2014.

- Halimi D, Bouali E., Hafaifa A, M. Guemana, « Use modeling as part of a compressor maintenance program », Gasprocessingnews, 2014.

Année 2013

- Abdelbaki N., Gaceb M., Bouali E., Bettayeb M., Bouzid R., “Fiabilist and economic approaches to optimisation of the renewal of hydrocarbons transporting pipelines”, Chemical Engineering Transactions, Vol. 35, 2013.
- Younsi K., A. Chebouba, N. Zemmour, A. Smati, «Algeria Applies dynamic performance estimate to pipeline system rehab», Oil and Gas Journal, Mar.4, 2013.
- K. Younsi, A. Chebouba, N. Zemmour, A. Smati, «Pipeline integrity assessment using prto probabilistic transformation method and corrosion growth modeling via gamma distribution», Oil and Gas Facilities, 2(2):51-60, 2013.
- A. Touati, K. Younsi, A. Bentriou, A. Smati, Transient analysis helps IM for crater type corrosion defects, Oil and Gas Journal, 2013.

Année 2012

- Abdelbaki N., Bouali E., Gaceb M., Bettayeb M., “Analysis of predictive models of oil transportation ducts rehabilitation”, Chemical Engineering Transactions, 2012.
- M.Bettayeb, E.Bouali, N.Abelbaki, M.Gaceb. «Establishment of data base and a classification of defects in the metal of pipes according to their severity», Procedia Engineering, 42, pp.666-674, 2012.

Année 2011 :

- Messouci M., « Steady state motion of rail vehicle with controlled creep forces on curved track », Arpn Journal of Engineering and applied Sciences, Vol 6 n°2, 2011.

Année 2009:

- Benmounah A., « Markovian Approach of Safety Engineering of a Machines System », European Journal of Scientific Research, Vol25, N°3, pp.488-498.
- Benmounah A., Hachemi T., « Optimization of preventive Repair in a Dynamic System of Machines », European Journal of Scientific Research, Vol25, N°3, pp.362-375.
- Abdelbaki N., Bouali E., Gaceb M., Bettayab M., « Study of Defect Admissibility in Gas Pipelines Based on Fracture Mechanics », Journal of Engineering Science & Technology (JESTEC), Vol 4, N°1, pp.111-121.
- Messouci M., « Lateral stability of rail vehicles- A comparative study », ARPN Journal of Engineering and applied Sciences, Vol 4, N°3, .

- Chebouba A., Yalaoui F., Smati A., Amodeo L., Younsi K., Tairi A., « Optimisation of natural gaz pipeline transportation using and colony optimization », Computers & Operations Researche , Vol 36, pp.1919-1923.

Année 2008:

- Abdelbaki N., Bouali E., Bouzid R., Gaceb M., « Influence of properties of large pipes on the reliability of pipelines », *Mechanica*; N°1; pp.69.

Année 2007:

- Abdelbaki N., Bouali E., Bouzid R., Gaceb M., » Reliability of an unstable pipeline used for natural gas transportation », *Journal of Engineering and Applied Sciences* 2(1), pp. 263-270.
- Gaceb M., Gillibrand D., » A Technic for Identifying and characterizing the Microcracks produced in Machined surfaces », *Journal of Engineering and Applied Sciences* 2(4), pp. 792-797.
- Abdelbaki N., Bouali E., Bouzid R., Gaceb M., » Semi-probabiliste approach of hydrocarbons canalization », *Journal of Engineering and Applied Sciences*; 2(1); pp. 256-262

Année 2006:

- Amoura M., Zeraibi N., Smati A., Gareche M., » Finite element study of mixed convection for non-Newtonian fluid between two coaxial rotating cylinders », *International communications in Heat and mass Transfert Journal*.
- Arbaoui M., Taibi M., Robbe-Valloire F., Proгри R., » Influence de la présence de pollutions abrasives sur le comportement tribologique de contacts lubrifiés », *Matériaux & Techniques* 94, pp. 279-291.

Année 2005:

- Fenineche N., Guessasma S., Abdelbaki N., « Effect of milling conditions on structure and magnetic proprieties of nanocrystalline cobalt », *Journal of Materials Science and Engineering B*, Vol 119, pp. 65-70.
- Abdelbaki N., « Study of life and mechanical properties of welded joints of big diameter pipelines », *welding in the word*, Vol 49, spi, pp.524-529.
- Bouzid R., Bouali E., Gaceb M., « Analysis of crack evaluation standards in welded joints of pipelines », *welding in the World*, Ed. ELSEVIER, France, vol. 49, special Issue, pp.492-495.
- Gaceb M., Bouali E., Bouzid R., « Welded Joints in canalisations subjected to dynamic loads», *Welding in the World*, Ed. ELSEVIER, France, vol. 49, special Issue, pp.530-534, (2005) .
- Gaceb M., « Technique d'identification et de caractérisation des microfissures des surfaces usinées », *Bulletin- Cercle d'études des métaux Saint Etienne*, Vol.17 ; issu 12 pp. P4, (2005).

Année 2003 :

- Smati A., Younsi K., et autres, «Modélisation de la disponibilité d'une chaîne GNL sur la base d'une approche bayésienne d'estimation des indices de fiabilité », Oil and Gas, Science and Technology, Rev. IFP, N°5, Vol.58.

Année 2001 :

- Benmounah A., « Fiabilité des données pour la gestion des projets », Science et Technology of Hydrocarbons, Scientific et Technological Journal, N°2, (15).

Année 2000 :

- Smati A., Younsi K., et autres, « Optimisation du réseau algérien de transport de brut et de condensat », Oil, Gas, Science and Technology, Rev.IFP, N°5, Vol.55, pp. 543-562 ,2000.
- Benmounah A., et autres, « L'utilisation de la norme ISO 10006-1997 dans l'amélioration de la qualité des activités d'engineering des entreprises », Science and Technology of Hydrocarbons, Scientific and Technological Journal, N°3, (10),2000.

Publications Nationales :

Année 2011 :

- Si-Chaib M.O., Guebla A., Nour A., Bouamrene M.S., Evaluation ultrasonore de revêtements par projection thermique, Revue Sciences, Technologies et Développement, éditée par l'ANDRU, No.8, 2011.

Année 2004 :

- Chebouba D., » La récupération de l'énergie de détente du gaz naturel », Ressources Magazine- Revue de Naftogaz, N°5, (2004).
- Amrani M., « Les conséquences de la mondialisation sur l'économie des pays de l'OPEP », Ressource Magazine- Rev. De NAFTOGAZ, N°5,2004.

Année 2001 :

- Benmounah A., « Méthodes de réduction des coûts de transport de gaz par canalisation », Ressources Magazine- Revue de NAFTOGAZ, N°2,2001.

Laboratoire
Physique de la Terre
Agréé en Juillet 2000

Directeur : **Bouguern Abderrahmane**

Grade : **Professeur**

Adresse : **Boulevard de l'indépendance villa 116/1 Boumerdes.**

Téléphone : **024 79 52 44**

E-Mail : hbouguern@yahoo.fr

Publications Internationales :

Année 2015 :

- Boubekri hicham, Hamoudi Mohamed, Bendaoud Abderrahmane, Priezzhev Ivan, Allek Karim, Structural cartography based on magnetic and gravity data inversion. Case scouth- West Algeria. Journal of African Earth sciences (2015).

Année 2014 :

- Djarfour N., Ferahtia J., Babaia F, Baddari K., El Adj S., Farfour, M.seismic noise filtering based on generalized regression neurral networks.Computer et geosciences : 69, pp.1-9, (2014).

Année 2013 :

- Boubaya D ; Allek K. ; et Hamoudi M. Discussion and comments on "Filtering of the gravimetric anomalies to the study of the geological structures of Oued Zarga (Septentrional Tunisia): structural implications» Arab J Geosci (2012) 5:169–180 by A. Ayed, M. Ghanmi and F. Zargouni, Arabian Journal of Geosciences 6 p.3161-3162 ,(2013).

Année 2012 :

- Jalal Ferahtia, Nouredine Djarfour, Kamel Baddari, Aissa Kheldoun , A fuzzy logic-based filter for the removal of spike noise from 2D electrical resistivity data, Journal of Applied Geophysics, Volume 87, Pages 19-27,2012.
- A.Bouguern, M.khalifa and A.Bouterai, Attenuation of multiple waves using the continuous wavelet transform (CWT), Arabian journal Géosciences (AJG), 2012.
- El Hadi Oubaiche, Jean-Luc Chatelain, Abderrahmane Bouguern,Rabah Bensalem, Djamel Machane, Mustapha Hellel, Fatma Khaldaoui,and Bertrand Guillier Experimental,2012 .
- Farfour M., Yoon W. J. Ferahtia J, DjafourN.Seismic attributes combination to enhance detection of bright spot associated with hydrocarbons Geosystem engineering (published by Taylor and Francis) pp.1-8, 2012.

- Bouguern A., Allek K. and Khalifa M., Etude Géophysique d'un affaissement de terrain affectant la route CW9 commune de Nekmaria, dans la wilaya Mostaganem, Algérie. Bulletin du groupe Francophone Humidité et Transfert en milieux Poreux N°58,2012.

Année 2011 :

- Boubaya D; Allek K.; et Hamoudi M. Is there a hidden near surface salt diapir in the Guelma Basin, North-east of Algeria, Journal of Applied Geophysics, 73, p.348-356, Elsevier,2011.
- Allek K.; Hamoudi M.; Boubaya D.; Bouguern A. et Zeghouane H. Cartographie du potentiel minéral par l'utilisation des SIG : Proposition d'une approche basée sur la logique floue pour l'exploration du diamant. Journal of Hydrocarbons Mines and Environmental Research, , Volume 2, Issue 2, December 2011, p.130-137
- Boubaya, D., A Rouabhia, C Fehdi, K Allek, M Hamoudi On the origin of the aeromagnetic anomaly of El Kala region, northeast of Algeria. Journal of Hydrocarbons Mines and Environmental Research 2 (2), p.138-150, 2011.
- Badari K. Ferahtia J. Aifa T. and Djafour N. Seismic noise attenuation by means of an anisotropic non-linear diffusion filter. Comptes rendus de Géoscience. pp. 456-463.2011.
- Ferahtia J, Djafour N, Badari K and Khaldoum A. Impulse noise Reduction in 2D Electrical Resistivity imaging data based on Fuzzy Logic, 2011.
- Djafour N, Ferahtia J, Badari K. and Aifa T. Tomographie velocity images by radial Basis function artificial neural network, 2011.

Année 2010:

- Baddari K., Djarfour N., A., Aifa T., Ferahtia J., « Acoustic impedance inversion by feedback artificial neural network », Journal of petroleum science & engineering, Vol 71, N°3-4, pp. 106–111,2010.
- Ferahtia J., Baddari K., Djarfour N., Kassouri A., « Incorporation of a Non-linear Image Filtering Technique for Noise Reduction in Seismic Data », Pure and Applied Geophysics, Vol 167, N°11, pp.1389–1404,2010.
- Aliouane L., Boudella A., Ouadfeul S.A., Djarfour N. and Ferahtia J. « Application des diagraphies de test pour la caractérisation des réservoirs Dévonien du champ de Tin Fouye Tabankort, bassin d'illizi, Algérie. » Annales des mines et de la géologie, 44, 2010.
- Ferahtia J., Baddari K., Djarfour N. And Aliouane L. Trilateral filter: A new tool for coherent and random noise removal from seismic noisy data. « Annales des mines et de la géologie, 44, 2010.

Année 2009:

- Jalal Ferahtia, Nouredine Djarfour, Kamel Baddari and Roger Guérin, Application of signal dependent rank-order mean filter to the removal of noise spikes from 2D electrical resistivity imaging data.. Near Surface Geophysics, 2009, 159-169.

Année 2008:

- Djarfour N., Aifa T., Baddari K., Mihoubi A., Ferahtia J., « Application of feedback connection artificial neural network to seismic data filtering», C.R. Geoscience 340, pp.335-344, (2008).
- Allek Karim & Hamoudi M; « Regional-scale aeromagnetic survey of the south-west of Algeria: A tool for area selection for diamond exploration « Journal of Africa Earth sciences, volume 50, pp67-78 Elsevier, 2008.
- Allek K. & Hamoudi M., Regional-scale aeromagnetic survey of the south-west of Algeria: A tool for area selection for diamond exploration. Journal of African earth sciences, volume 50, pp 67–78, Elsevier (2008).

Année 2007 :

- N. Djarfour, J. Ferahtia and K. Baddari. « Tomographic Velocity Images by Artificial Neural Networks. « Journal of Engineering and Applied Sciences 2(4):775-782, (2007).

Publications Nationales

Année 2011:

- Bouyahiaoui B., Djeddi M., Abtout A., Boukerbout H., Akacem N., Étude de la croûte archéenne du môle In-Ouzzal (Hoggar occidental) par la méthode gravimétrique; identification des sources par la transformée en ondelettes continue. Bulletin du Service Géologique National, 22(2) (2011) 259-274.
- Ketteb R., Djeddi M., Application de l'analyse AVO sur les données de sismique réflexion 3D. Bulletin du Service Géologique National, 22(2) (2011) 243-258.

Année 2010

- Medkour M., Baddari K., Chaab S., Laouar R., « Apport de la géoélectricité et des diagraphies à la reconnaissance des minéralisations polymétalliques dans la région d'El Tarf - prospect de Zitouna», Bulletin du Service Géologique National-Algérie, Vol 21, N°1, pp. 55–74, (2010).

Année 2009:

- Briedj M; Cherigui A; Bara M; Allek K ; et Lebdiri M., (La structure circulaire de Douira (Wilaya de Djelfa, Algérie) : Une origine encore énigmatique. Bulletin du service géologique national, vol. 20, n°1, p.41-48, (2009).

Année 2007

- Mihoubi A., Djeddi M., Aitouche M., Djeddi M., Benidir M., « Séparation des champs d'ondes dans un profil sismique vertical et atténuation des multiples par la transformation de Karhunen-Loeve », Bulletin du service géologique de l'Algérie Vol 18, N°1, pp.85-102, 13 fig, (2007).
- Hadj Sassi M., Zouari H., Jalouli C., Djeddi M., « Apport de la gravimétrie et de la sismique de réflexion à l'étude structurale du bassin de Grombalia (Tunisie nord-orientale) implications

géodynamique et pétrolière », Bulletin du service géologique de l'Algérie Vol 18, N°3, pp.325-335, 4 fig, (2007).

- Sellam R., Djeddi M., Djeddi M., Aitouche M.A., « Multiples suppression using non linear filtering in (J, P) domain », Bulletin du service géologique de l'Algérie Vol 18, N°2, pp.189-203, 13 fig, (2007).

Année 2005:

- Sellam R., Djeddi M., Djeddi M., Aitouche M.A., Benidir M., « Le filtrage non-lineaire dans la separation de source : Application a la suppression des reflexions multiples dans le domaine frequences-nombre d'ondes (F-K) », Bulletin du service géologique de l'Algérie Vol 16, N°1, pp.69-81, 11 fig, (2005).
- Djeddi M., Aitouche M.A., « Synthese sur le seisme tsunamigene (Mw=8.9) du 26 decembre 2004 (ouest de l'asie) : le risque tsunami dans le bassin mediteraneen et sur le littoral en algerie », Bulletin du service géologique de l'Algérie Vol 16, N°2, pp.91-25, 17fig, (2005).

Année 2004:

- Allek K. & Zerrouki A., (2004). Contribution des données aéromagnétiques à l'identification d'une zone tectonique le long de la bande offshore entre Reghaia et Dellys (Nord de l'Algérie). Mémoire du Service Géologique de l'Algérie N°12, pp. 49-56.
- Djeddi M., Ouyed M., Boughacha M.S. ., « Le séisme de Zemmouri -Algérie, MS=6,8 du 21 mai 2003: résultats préliminaires du choc principal et de sa séquence de répliques », Mém. Serv. Géol. Algérie, N°12, pp.11-23, (2004).
- Bouguern A., Baker H.A. ., « Atténuation des multiples par la déconvolution prédictive dans le domaine (x, t) et (p) », Bulletin du service Géologique de l'Algérie, Vol 15, N°1, pp.75-85, (2004).
- Djeddi M., Aitouche M.A., Djeddi M., Benidir M., « Effet de site: origines, modélisation et deconvolution », Mém. Serv. Géol. Algérie, N°12, pp.115-131, (2004).
- Bouguern A., Baker H.A. ., « Les transformés de Fourier et de Hartley appliquées à la séparation du champ d'onde de profil Sismique vertical », Bulletin Géologique de l'Algérie, vol 15, N°2, pp.175-168, (2004).

Année 2003:

- Djeddi M., Boughacha M.S., Ouyed M., Benhallou H., Hatzfeld D., « Sismicité en algerie de 1790 à 2000 : mécanismes aux foyers et vitesse de rapprochement inter-plaques », Bulletin du service géologique de l'Algérie Vol 14, N°2, pp.65-77, 4fig, (2003).
- Djeddi M., Djeddi M., Aitouche M.A., Ferrahtia J., « Contribution of seismic attributes in the direct detection of hudrocarbon, case history of a permit in the south algerian », Bulletin du service géologique de l'Algérie Vol 14, N°1, pp.37-51, 14fig, (2003).
- Aitouche M.A., Djeddi M., Djeddi M., Mihoubi A., « Characterization of a reservoir in a south Algerian prospect using the instantaneous seismic attributes: efficiency and reliability of the

instantaneous frequency parameter using the joint time-frequency analysis », Bulletin du service géologique de l'Algérie Vol 14, N°2, pp.119-138, 9 fig, (2003).

Année 2002:

- Djeddi M., Kassouri A., « Variation des amplitudes des ondes sismiques avec la distance emetteur receuteur. Application pour la detection du gaz », Bulletin du service géologique de l'Algérie Vol 13, N°2, pp.185-195, 15fig, (2002).

Laboratoire
Synthèse Pétrochimique

Agréé en Juillet 2000

Directeur : **HAMADA Boudjema**

Grade : **Professeur**

Adresse : **Département Génie des Procédés Chimiques et Pharmaceutiques, Faculté des Hydrocarbures et de la Chimie, Université M'hamed Bougara, Avenue de l'Indépendance, 35000 - Boumerdès**

Téléphone /Fax : **024 79 51 69 /024 79 52 56**

E-Mail : lsp@umbb.dz & bhamada@wissal.dz

Publications internationales :

Année 2015:

- Doumandji, lotfi, Moussiden, Anissa , Benmabrouka, Hafsa, Boufades , Djamila, Zaher,lhden, PemanosYelda, Bakos, Hamada boudjema , Optimization of hydrolysis degradation of neurotoxic pesticide methylparathion using a response surface methodology (RSM), IOSR journal of applied Chemistry (IOSR- JAC), vol.8, pp 43-52 ,May 2015.
- Boufades, Djamila, Pemanos Yelda, Bakos, Mousidene, Anissa, Benmebrouka, Hafsa, Doumandji, Loutfi, Boudjemaa HamadaCarbone nanospheres synthesis by pyrolysis of crude oil and optimization of parameters growth by response surface methodology (RSM), Applied Chemistry,pp 29773-29779, 2015.

Année 2014:

- Ihdene, Z., Mekki, A., Mettai, B., Mahmoud, R., Hamada, B., &Chehimi, M. M. Quartz crystal microbalance VOCssensorbased on dipcoatedpolyanilineemeraldinesaltthin films. Sensors and ActuatorsB: Chemical, 203, pp. 647-654, (2014).
- BerrabiaNadjet, PemanosYeldaBakoz, GherbiAbdellah, Hamada Boudjema, Vegetable Oils Extraction of Polycyclic Aromatic Hydrocarbons from an Algerian Quagmire, American Journal of Applied Chemistry. Vol. 2, No. 1 , pp. 6-9, (2014).
- Chikh Sabrina, PemanosYeldaBakoz, ZouraneTinhinane, Hamada Boudjema, Synthesis of a Biobased Antioxidant Additive for Diesel Fuel, American Journal of Applied Chemistry. Vol. 2, No. 1pp. 10-14, (2014).
- MadaniN. Cheknane B., Mohammedi O., Cherifi O., Bouchenafa-Saib N. Removal of organic dyes from contaminated water onto modified biomass (Stipa tenacissima). 12 ème Symposium International « Environnement, Catalyse et Génie des Procédés » (2014).

- Madani N., Cherifi O., Hamada B., Bouchenafa-Saïb N. Modified activated carbon for the removal of cadmium (II) and zinc (II) from wastewater. 7th International symposium on hydrocarbons and chemistry (2014).
- N. Madani, N. Bouchenafa-Saïb, O. Mohammedi, O. Cherifi. Influence of alloying palladium for the hydrogenation of p-chloronitrobenzene over Pd-M/C catalysts. 13th International Conferences on MicroReaction Technology (2014).

Année 2013:

- Hamada, B., Ihdene, Z., Mekki, A., Bekkar Djelloul Sayah Z., I.V. Study of retention of organophosphorus compounds and volatile organic solvents on polydimethylsiloxane using inverse gas chromatography, Methods and objects of Chemical Analysis Vol. 8, No. 2, pp. 83-90, (2013).
- Saoud, A., Nasrallah, N., Amrane, A., Nabieva, A. M., Hamada, B., & Nabiev, M. (Liquid-liquid extraction and quantitative determination of tungsten (VI) using macrocyclic reagent (DB-18-C-6) as a thiocyanate complex [WO (SCN) 5] 2-. Desalination and Water Treatment pp. 1-7, (2013)
- Madani N., Bouchenafa-Saïb N., Cherifi O. Hydrogenation of p-chloronitrobenzene over palladium supported on activated carbon. 44th IUPAC World Chemistry Congress, (2013).

Année 2012:

- Ihdene, Z., Mekki, A., & Hamada, B. Investigation of detection and retention parameters of organic solvents and organophosphorus toxics on mixed polyphenylmethylsiloxane/H-ZSM-5 zeolite. Tagungsband pp. 1783-1786, (2012).

Année 2011:

- Boukoberine, Y., & Hamada, B. Thiophenehydrodesulfurization over CoMo/Al₂O₃-CuY catalysts: Temperature effect study. Arabian Journal of Chemistry. (2011).
- Chemat-djenni, Z., Bradea, M. S., & Hamada, B., Etude du procédé d'isomérisation du m-xylène avec le catalyseur industriel L'AC-37. U. P. B. Sci. Bull., Series B, Vol. 73, Iss. 3, (2011).
- Ihdene, Z., Dokhan, S., Krutikov, V., & Hamada, B. Détection des organophosphorés par réaction enzymatique. Étude cinétique. Comptes Rendus Chimie, Vol. 14, No. 11, pp. 1022-1028, (2011).

Année 2010:

- Aoudjit F., Boucenna A., Isomerization of Light Naphtha (C5, C6) by Catalysts Containing Molybdenum and Tungsten Prepared by sol-Gel Method. European Journal of Scientific Research. Vol.44 No.3, pp.430-436 (2010).
- Bachari, K., Touileb, A., Saadi, A., Halliche, D., & Cherifi, O. Synthesis and structural characterization of iron-modified folded sheet mesoporous materials. Journal of Porous Materials, Vol. 17, No. 5 pp. 573-581, (2010).

Année 2009:

- Kaddour O., Pyrolyse du condensat du gaz naturel Algérien. Récents Progrès en génie des Procédés. No. 98 2-910239-72-1. Ed. GP. Paris, France, (2009).
- Kaddour O., Gherbi A., Boucenna A., and Kolesnikov I.M. Production of olefin and aromatic hydrocarbons by pyrolysis of gas condensate. Chemistry and technology of fuels and Oil. Vol. 45, No. 6, pp. 440-442, (2009).
- Kaddour O., Production of olefin and aromatic hydrocarbons by pyrolysis of gas condensate. Chemistry and Technology of Fuels and Oils., Khemiyai Teknologiya Toplivi Masel, Vol. 45, No. 6, pp. 38-39, (2009).
- Bachari, K., Saadi, A., Halliche, D., & Cherifi, O. Étude mécanistique de la réaction d'alkylation du toluène par le chlorure de benzyle en présence des catalyseurs silicates mésoporeux dopés par le zinc. Comptes Rendus Chimie, Vol 12, No. 6, pp. 699-705, (2009).
- Kouachi, K., Lafaye, G., Especel, C., Cherifi, O., & Marécot, P. Preparation of silica-supported cobalt catalysts from water-in-oil microemulsion for selective hydrogenation of citral. Journal of Molecular Catalysis A: Chemical Vol. 308, No. 1, pp. 142-149, (2009).
- Boudjemaa, A., Auroux, A., Boumaza, S., Trari, M., Cherifi, O., & Bouarab, R. Hydrogen production on iron–magnesium oxide in the high-temperature water-gas shift reaction. Reaction Kinetics and Catalysis Letters, Vol. 98, No. 12 pp. 319-325, (2009).
- Bachari, K., Saadi, A., Halliche, D., & Cherifi, O. Étude mécanistique de la réaction d'alkylation du toluène par le chlorure de benzyle en présence des catalyseurs silicates mésoporeux dopés par le zinc. Comptes Rendus Chimie, Vol. 12, No. 6, pp. 699-705, (2009).
- Bachari K., Saadi A., Halliche D., Cherifi O., Kinetics study of the alkylation reaction of toluene by benzyl chloride in the presence of zinc-containing mesoporous silicas catalysts. Comptes rendus de chimie, 12 699-705, (2009).
- Ikkour, K., Sellam, D., Kiennemann, A., Tezkratt, S., & Cherifi, O. Activity of Ni Substituted Ca-La-hexaaluminate Catalyst in Dry Reforming of Methane. Catalysis letters, Vol. 132, No. 1-2, pp. 213-217., (2009).

Année 2008:

- Lanasri, K., Saadi, A., Bachari, K., Halliche, D., & Cherifi, O. Gas phase hydrogenation of benzaldehyde over supported copper catalysts. Effect of copper loading. Studies in Surface Science and Catalysis, 174, pp. 1279-1282, (2008).
- Bachari, K., Touileb, A., Touati, M., & Cherifi, O. Catalytic properties of Ga–HMS-*n* materials in the tertiary butylation of phenol. Journal of Molecular Catalysis A: Chemical, Vol. 294 No. 1, pp. 61-67, (2008).
- Tahir, N., Abdelsadek, Z., Halliche, D., Saadi, S., Chebout, R., Cherifi, O., & Bachari, K. Mg-Fe-hydrotalcite as catalyst for the benzylation of benzene and other aromatics by benzyl chloride reactions. Surface and Interface Analysis, 40(3-4), 254-258, (2008).

- Bachari K., Saadi A., Halliche D., Cherifi O., Study of the benzylation of aromatics on nickel-containing mesoporous materials, Topics in Chemistry and Material Science: Advanced micro-and mesoporous materials, Book, Heron Press pp. 20-30,(2008).
- AbdelssadeK Z., Touahra F., Bachari K., Saadi A., Halliche D., Cherifi O , Synthesis, characterization and application of ni/mg/al/(la) hydrotalcites in methane dry reforming, Topics in Chemistry and Material Science: Advanced micro-and mesoporous materials, Book, Heron Press, pp. 60-67 ,(2008).
- Tahir, N., Abdelssadek, Z., Halliche, D., Saadi, A., Cherifi, O., &Bachari, K. Study of the benzylation of aromatics over Mg-Cr-hydrotalcite catalysts.Studies in Surface Science and Catalysis, 174, pp. 1287-1290,(2008).
- Lanasri, K., Saadi, A., Bachari, K., Halliche, D., &Cherifi, O. Gas phase hydrogenation of benzaldehyde over supported copper catalysts. Effect of copper loading. Studies in Surface Science and Catalysis, 174pp. 1279-1282, (2008).
- Halliche, D., Cherifi, O., Taarit, Y. B., &Auroux, A. Catalytic reforming of methane by carbon dioxide over nickel-exchanged zeolite catalysts. *Kinetics and Catalysis*, Vol. 49, No. 5pp. 667-675, (2008).

Publications Nationales

- Boukoberine, Y., & Hamada, B. On the temperature programmed reduction characterization of the CoMo/ γ -Al₂O₃+x) CuY catalysts: the dynamic interconversion behavior (2013).
- Belhadi, A., &Cherifi, O. Effet des ajouts metalliques sur les catalyseurs à base de nickel supportes sur silice, dans la reaction de vaporeformage du methane. Journal of the Algerian Chemical Society/Journal de SociétéAlgérienne de Chimie Vol. 19, No. 1 (2009).

Laboratoire

Electrification des Entreprises Industrielles

Agréé en Juillet 2000

Directeur : **NADJI Becharia**

Grade : **Professeur**

Adresse : **FHC, Bloc A, Salle 233**

Téléphone/ Fax : **024.79.52.66**

E-Mail : www.umbb.dz/laboratoires/leei.htm

Publications Internationales :

Année 2015 :

- F. Bouarab-Dahmani and R. Tahi. *“Knowledge Extraction from an Automated Formative Evaluation Based on Odala approach using the Weka Tool”*. Nova Science Publishers. 2015.

Année 2014 :

- Bourezg , H. Meglouli, *“Reliability analysis of breaker arrangements in distribution substations”* International Journal of System Assurance Engineering and Management, pp 1-7, First online: 16 2014.
- C. Tahanout ,H. Tahi, B. Djezzar ,A. Benabdelmomen, M. Goudjil, B. Nadji *“An Accurate Combination of on-the-fly Interface Trap and Threshold Voltage Methods for NBTI Degradation Extraction,”* Journal of Electronic Testing Theory and Applications, Springer, vol 30, no.4 pp 415-423. 2014.

Année 2013:

- Mahdi, B.Nadji, Application of binary decision diagram (BDD) in analysis of reliability of the inverters, pages 1265 - 1271, ,INSPEC Accession Number:13860687, Fourth International conference on Power Engineering, Energy and Electrical Drives (Powereng), 2013 .

- Razika Tahı et Farıda Bouarab-Dahmani. Intégration de l'approche socioconstructiviste dans les système universitaire algérien à travers les TICE. Publication en ligne. Art N° 2096, Association Internationale pour la Formation, la Recherche et l'Intervention Social (AIFRIS), Bruxelles, Belgique, 2013.
- Farıda Bouarab-Dahmani, Razika Tahı. Savoirs, compétences et évaluations à l'ère des Technologies de l'Information et de la Communication. Publication en ligne. Art N° 2429, Association Internationale pour la Formation, la Recherche et l'Intervention Social (AIFRIS), Bruxelles, Belgique, 2013.
- Razika Tahı et Farıda Bouarab-Dahmani. Apprendre à comprendre et à analyser une information à travers une formation en blended learning. Publication en ligne. Art N° 2382, Association Internationale pour la Formation, la Recherche et l'Intervention Social (AIFRIS), Bruxelles, Belgique, 2013.
- Razika Tahı et Farıda Bouarab-Dahmani. Conception, expérimentation et évaluation de l'apprentissage via la culture de l'information par les technologies de l'information et de la communication. Observatoire PROVIS, Université de Moncton, Campus de Shippagan, Nouveau-Brunswick, Canada, 2013.

Année 2012:

- S.Tadger, I.Habi, Bnadji, F.Khelifi, harmonics Compensation based on photovoltaic generator, Proceeding of International Symposium on Power Electronics, Electrical Drives, Automation and Motion (Speedam 2012), Sorrento, Italie, 20-22 juin 2012.
- Cherifa Tahanout, Becharia Nadji, Hakim Tahı, Boualem Djezzar, Abdelmadjid. Benabdelmoumene and Amel chenouf, "Oxide Trap Annealing by H2 cracking at E' Center under NBTI Stress," IEEE ICM 2012, Page(s):1 – 4, 2012.
- Razika Tahı et Farıda Bouarab-Dahmani. Benchmarking entre le e-learning et le blended learning pour l'université algérienne : expérimentation et évaluation. The journal of quality in education. N° 3, November 2012.

Année 2011:

- H.Tahı, B. Djezzar, and A.Benabdelmoumen, B.Nadji, and Y. Kribes, " Geometric Component in Constant-Amplitude Charge-Pumping Characteristics of LOCOS-and LDD-MOSFET Devices,". IEEE Transactions on Device and Materials Reliability, Vol. 10. No: 4, 2011.
- T. Benslimane, B. Chetate, T. Abdelkrim (2011) "Use of asymmetrical currents waveforms to detect and localize open switch faults for two level voltage source inverter three-phase shunt active power filter", Archives of control sciences, (Vol 21), number 1, 2011.
- B.Nadji, H.Tahı, B.Djezzar, Fast and simple method for estimation and separation of radiation-induced traps in MOSFETs devices, Proceeding of 2011 IEEE International Conference on Quality and Reliability, ICQR 2011, September 14, 2011 - September 17, 2011 Bangkok, Thailand.

Année 2010:

- Tahı H., Djezzar B., Nadji B., « Modeling and simulation of charge-pumping characteristics for LDDMOSFET devices with LOCOS isolation », Electron Devices, Vol 57, N°11, pp.2892-2901, (2010).
- Tahı H., Djezzar B., Nadji B., « Radiation effect evaluation in effective short and narrow channel of LDD-transistor with LOCOS-isolation using OTCp method », Device and Materials Reliability, Vol 10, N°1, pp.108-115, (2010).
- Bendjeghaba O., Ouahdi D., « Redundancy allocation problem of multi state power systems using ant colony system », International Review of Electrical Engineering, Vol 5, N°4, pp.1715-1720, (2010).
- Abdelkrim T., Berkouk E. M., Benamrane K., Benslimane T., « Study and control of three-level PWM rectifier-five-level NPC active power filter cascade by using feedback control and redundant vectors», International Review of Electrical Engineering, Vol 5, N°3, pp.9-17, (2010).
- Abdelkrim T., Benamrane K., Berkouk E. M., Benslimane T., « Feedback control of three-level PWM rectifier: Application to the stabilization of DC voltages of five-level NPC active power filter», Archives of Control Sciences, Vol 20, N°3, pp.253-275, (2010).
- Abdelkrim T., Berkouk E. M., Benslimane T., « Multi DC bus Voltages Balancing Using Redundant Vectors for Five-Level Active Power filter », The Mediterranean Journal of Measurement and Control, Vol 6, N°1, pp.9-17, (2010).
- Megloulı H., « Search of δ Optimal and the Algorithm of Weighting in Control Adaptive », European Journal of Scientific Research, Vol 29, N°1, pp. 22-28, (2010).
- Khoudja D., Chetate B., « Torque based selection of ANN for fault diagnosis of wound rotor asynchronous motor-converter association », Journal of World Academy of Science, Engineering and Technology, N°71, pp. 231-235, (2010).
- Djezzar B., Tahı H., « Using Oxide-Trap Charge-Pumping Method in Radiation Reliability Analysis of Short Lightly Doped Drain Transistor », IEEE Tran. Dev. Mat. Relia, Vol 10, N° 1, pp. 18-25, (2010).
- M.Djeddi, M.Benidir, M.Djeddi, B. Chetate, (2010) "Bearing fault diagnosis based on current monitoring in asynchronous electrical machines using simplified higher order statistics", Studies in Applied Electromagnetics and Mechanics, volume 34, PP.671-677, 2010.

Année 2009:

- T. Benslimane, T.Abelkrim, (2009) « Open Switch Faults Detection and Localization Algorithm for Three Phase Shunt Active Power Filter Based on Two Level Voltage Source Inverter in Main Power Supply Constant and Variable Frequency Conditions », Accepté au journal « Istanbul University - Journal of Electrical & Electronics Engineering (IU- JEEE), 2009.
- O. Abdelkhalek, A kechich, T. Benslimane, et all (2009) "More stability and robustness with the Multi-loop control solution for dynamic voltage restorer (DVR)"; Serbian journal of electrical engineering, volume 6, N°1, May 2009.

- M. Dahbi, A. Benatiallah, T. Benslimane; “Modeling and simulation of Hybrid (Wind + Photovoltaic + Battery) Power system in south west Algerian site (Bechar)” international review on modelling and simulations – April 2009 - papers; Vol.2, N°2, pp. 178-183, (2009).
- B. Djezzar, H. Tahi, And A. Mokrani, “Why is oxide-trap charge-pumping method appropriate for radiation-induced trap depiction in Mosfet,” IEEE Trans. Device Mater. Rel., vol. 9, no. 2, pp. 222–230, Jun. 2009.

Année 2008:

- Chetate B., Bradai R., and Ladygin A.N., « Application of artificial intelligence resources for increase speed controller efficiency in vector induction machine drive», Elektrotechnika Journal, N°12, (2008).
- Ouahdi D., Ladjeroud R., Habi I., « An approach in the improvement of the reliability of impedance relay », World Academy of Science Engineering and Technology, , Vol 1, N°1, (2008).
- Khodja D.E., Chetate B., « The Use of Root Mean Square Values (RMS) for the shortcoming diagnostic of Permanent Magnet Synchronous Machine using Artificial Neurone Network Module », Advances in Modelling A, Vol 81, N° 2, pp.30-42, (2008).
- Tarak Benslimane, (2008)“ A new technique for simultaneous detection of one to two open-switch faults in three phase voltage –inverter –feed PM brushless DC motor drive, JEEC, N°2, 2008.
- O. Abdelkhalek, C. Benachaiba, T. Benslimane and M.Haidas,, (2008)“ A novel theory of reference harmonic current identification based on the per unit system used for the active filters», Journal of Electrical and Electronics Engineering, Volume 8, Number 2, PP. 747-757.
- O. Abdelkhalek, C. Benachaiba, T. Benslimane and M.Haidas, A novel theory of reference reactive current identification based on the per unit system used for the active filters», Journal of Electrical and Electronics Engineering «, Volume 8, Number 2, PP. 759-767,(2008).

Année 2007:

- Bendjeghaba O., Ouahdi D., Zablah A., « Hybrid approach for redundancy optimization of multi-state power system », Leonardo Journal of Sciences, Issue 10, pp. 115-130, (2007).
- Bouguerra M., Habi I., « Improvement of the reliability of the industrial electric networks », International journal of Electrical Computer and Systems Engineering, Vol 1, N°1, pp. 33-42, (2007).
- Rekina F., Ouahdi D., « Analysis of the effects of magnetizing inrush current on power transformer differential protection », Electrical and Computer Engineering series, Applications of Electrical Engineering, pp. 65-70, (2007).
- Chetate B., Kabache N., Ladygin A.N., « Adaptive control in an asynchronous electric drive on the basis of an artificial neural network with calculation of the rotor flux », Russian Electrical Engineering, ,Vol78, N°6, pp. 315-321, (2007).
- Chetate B., Bradai B., « Minimum action time of a robust fuzzy speed controller for induction machine drive », Periodical of AMSE International, Vol62, N°4, pp. 68-78, (2007).
- Chetate B., Khaldoun A ., « Extended-kalman-filter based sensor less speed vector control of induction motor taking iron loss into account », Periodical of Amse International, Vol62, N°4, pp. 79- 98, (2007).

- Chetate B., Khaldoun A., Maidanski I., Chermalikh A.V., « Fuzzy logic-based controller for position regulation of electric drives », Periodical of AMSE International, Vol62, N°2, pp. 31-39, (2007).
- Chetate B., Bradai R., Kabache K., « Adaptive control of induction motor with unknown rotor resistance », Periodical of AMSE International, Vol62, N°, pp. 83-93, (2007).
- Nadji B., « Investigation and study of the electrical characteristics of anodic oxide films SiO₂ annealed at various temperatures », Journal of Materials Processing Technology, Vol 181, pp. 230-234, (2007).
- Bouguerra M., Laouad F., Habi I., Azaizia R., « Optimization of the structures of the electric feeder systems of the oil pumping plants in Algeria », International Journal of Distributed Energy Ressources, , (2007).
- Djeddi M., Granjon P., Leprettre B., Chetate B., « Bearings fault diagnosis in Asynchronous Machine based on current analysis using high resolution technique », International Journal of Factory Automation, Robotics and Soft Computing, pp.185-190, Issue2, for Advanced Research, (2007).
- Chetate B., Kabache N., Ladygin A.N., « Adaptive control of induction motor using artificial neural network with estimation of rotor flux », Elektrotechnika Journal , N°6, (2007).
- Chetate B., Kheldoun A., « EKF-based sensorless speed vector control of induction motor tacking iron loss into account », periodical of AMSE International, Vol 62, N° 4, pp.79-98, (2007).

Année 2006:

- Habi I., Bouguerra M., Ouahdi D., Meglouli H., « Using the shunt active power filter for compensation of the distorted and unbalanced power system voltage », Journal of Enformatika, Transactions on engineering Computing and Technology, 2006.
- Bouguerra M., Meglouli H., Habi I., « Determination of the optimal preventive maintenance of the reserve source in the industrial electric network », European journal of scientific research, 2006.
- Bouguerra M., Meglouli H., Habi I., « Improvement of the reliability of the industrial electric networks », Journal of Enformatika, Transactions on Engineering Computing and Technolog, 2006.
- Belassel M.T., Bepalov V.Y.A., « Paramètres ondulatoires et surtension dans les différents types d'enroulements des moteurs asynchrones », alimentés par MLI-convertisseurs// Elektrotehnika, Index N° 71111, N°3, pp.56-63, 2006.
- Benslimane T., Chetate B., Aliouane K., « New algorithm for detecting voltage faults in three phases alternative current systems », International Journal of Factory automation, Robotics and Soft computing, Issue N°2, 2006.
- Ouahdi D., Habi I., Bouguerra M., Meglouli H., « Change detection and non stationary signals tracking by adaptive filtering », World Academy of Science Engineering and Technology, Vol2 N°1, 2006.
- Benslimane T., Chetate B., « A new diagnostic method of faulty transistor in a three phase inverter », Journal of Electrical & Electronic Engineering, Vol 6, N°2, pp. 117-128, 2006.
- Benslimane T., Chetate B., « Choice of input data type of artificial neural Network to detect faults in Alternative current systems », American Journal of Applied Sciences, 3(8): pp.1979-1983, Science Publications, 2006.

Année 2005:

- Belassel M.T., Bessalov V.Y., Chetate B., « Capacitive parameters and voltage surges in the winding of an asynchronous motor with power supply from a PWM converter », Russian Electrical Engineering, Vol 76, N°1, pp. 45-50, (2005).
- Benslimane T., Chetate B., Aliouane K., « Implementation of a new hysteresis control strategy for autonomous parallel active filter », International Journal of Emerging Electric Power Systems, Vol 4, (2005).
- Belassel M.T., Vespallov B., Chetate B., « Paramètres capacitifs et surtensions dans l'enroulement d'un moteur asynchrone alimenté par un convertisseur MLI », Journal Electrotechnika, N°1 ;pp.44-48, (2005).
- Benslimane T., Aliouane, Chetate B., « Implementation of SVPWM based on hysteresis control strategy applied on autonomous parallel active filter », International Journal of Emerging Electric Power Systems, Vol 4, N°1, Article 1085, (2005).
- Bouguerra M., Laouad F., Habi I., « Optimal rebuilding of the electric feeders systems of the gas compressors plants in Algeria », World Scientific Publishing Company, (2005).
- Nadji B., « Effect of post-oxidation Annealing on the Electrical properties of anodic oxidized films in pureWater Integrated circuit and system desing « 15th International Workshop, Patmos, Leuven, Belgium, September 20-23, proceedings: publiés par springer –verlag dans lecture notes in Computer Science, Vol 3728, (2005).

Année 2004:

- Chetate B., Kheldoun A., « A method of minimizing the power losses in an induction motor with a squirrel-cage with vector control », Electrical Technology Russia, N°4, pp. 154-165, (2004).

Année 2003:

- Labar H., Bounaya K., Mesbah T., « Impact of switched capacitors on the transient over-voltages », AMSE, Vol.76, N°5, pp.17-31, (2003).
- Chetate B., Kheldoun A., « Adaptive control of induction machine by fuzzy Logic », Revue of Oil and Gas Technologies, N°3, (28), pp.69-77, (2003).
- Bradai R., Chetate B., « Application of the neuron fuzzy technique for the minimisation of MF of asynchronous machine fuzzy speed regulator », Journal of the Extendable Energies (Revue des Energies renouvelables), Proceedings of the First International Conference on the Energy Efficiency/ pp. 428-434, (2003).
- Chetate B., Khodja D., « Artificial neuron network usage for asynchronous motor malfunction diagnostics in real time operation mode », Journal electrotekhnika, N°12, pp. 16-20, (2003).

Laboratoire
Technologie des Hydrocarbures

Agréé en Juillet 2000

Directeur : **OTMANINE Ghazi**

Grade : **Maître de Conférences A**

Adresse : **Département Génie des Procédés Chimiques et Pharmaceutiques, Faculté des Hydrocarbures et de la Chimie, Université M'hamed Bougara, Avenue de l'Indépendance, 35000 - Boumerdès**

Téléphone/ Fax : **024 79 51 70 ; 024 79 51 71**

E-mail : oth_gha@yahoo.fr, oth_gha@umbb.dz

Publications Internationales :

Année 2013 :

- N. Ben Tahar and H. Mimoun, valorization of loads petroleum by thermal process, asian journal of chemistry, vol. 25, no. 6 (2013), 3505-3506.

Année 2007:

- Bentahar N., Otmanine G., Gulmissariane T.G., « Isomérisation catalytique du condensât de Hassi R'mel », Technologie du Pétrole et du Gaz N°1/48, (2007).
- Bentahar N., Otmanine G., Gulmissariane T.G., « Isomérisation catalytique du condensât de Hassi R'mel », Technologie du Pétrole et du Gaz N°1/48, (2007).

Année 2005 :

- Mimoun H., Laouad F., Nadour T., « Formulation d'une essence sans plomb », European Journal of Scientific Research, Vol 11, N°1, pp.52-56, (2005).

Année 2000 :

- Otmanine G., « Etude des produits secondaires obtenus à partir des traitements du pétrole Algérien », Science et Technologie des Hydrocarbures, N° 01, (8), pp.18-21, (2000).
- Otmanine G., « Etude des extraits des fractions d'huile provenant de l'épuration aux solvants sélectifs », Science et Technologie des Hydrocarbures, N° 02, (9) pp.13-20, (2000).

Publications Nationales :

Année 2003 :

- Mimoun H., Bentahar N., Rouibet K.E., Addiche L., « Craquage catalytique des fractions lourdes pour l'obtention des essences commerciales », Ressources Magazine, Revue de naftogaz-publication trimestrielle. Hassi Messaoud, (2003).

Laboratoire

Ressources Minérales et Energétiques

Agréé en Juillet 2006

Directeur : **SADAOUI Moussa**

Grade : **Maître de Conférences A**

Adresse : **Département Gisements Miniers et Pétroliers, Faculté des Hydrocarbures et de la Chimie, Université M'hamed Bougara, Avenue de l'Indépendance, 35000 - Boumerdès**

Téléphone /Fax : **024 79 52 54 (Fax) 024 79 51 62**

E-Mail : sadaoui2001@yahoo.fr & laboressources-2006@yahoo.fr

Publications Internationales :

Année 2013 :

- Young SooPark. Bebayad Soumya., Chaouchi Rabah and Kherfi Naima. Parameters controlling the quality of the Hamra Quartzite reservoir, southern Hassi Messaoud, Algeria: Insights from a petrographic, geochemical and provenance study.
- Ould Taleb-Ouibrahim Zohra, Benali Hanafi, Medini Said et Belmouhoub Abdelkader. Developing a Geographic Information System (SIG) for Mapping and Analysing the polymetallic deposits of M'Sirda volcanic province, Northwest Algeria. Arabian Journal of Geosciences. Ref: Ms. No. AJGS-D-13-00222R1.

Année 2012 :

- Baouche R., K. Baddari, M. Djeddi and R. Chaouchi, *Geological* Modeling of the Saharan Platform in Meso-Cenozoic. 3D reconstruction, cross sections and volume computation on surfaces Algeria.
- *Baouche R., A. Nedjari, R. Chaouchi, Analysis and Interpretation of Environment Sequence Models in the Triassic Province of Algeria (Journal, the Geology of Southern Liby.*

Année 2009 :

- Baouche R., Nedjari A., El Aadj S., Chaouchi R., « Facies Analysis of Triassic Formations of the Hassi R'Mel in Southern Algeria Using Well Logs: Recognition of Paleosols Using Log Analysis », The Open Geology Journal, Vol 3, pp. 39-57,2009.
- Wenmenga U., Kecir M., Affaton P., « Distribution des filons de dolérite d'après les interprétations géologiques de données aéromagnétiques et leur signification géodynamique (Burkina Faso, Craton ouest africain », Bulletin du Service Géologique National, Vol 20, N° 3, pp. 245-261,2009.

Publications Nationales :

Année 2012 :

- Larbi Remichi Saadia Ysbaa et Kamel Baddari. Les minéralisations associées aux formations volcaniques du damrane (chaines d'ougarta-Algérie). Bulletin du Service Géologique National, Vol. 23, N° 1, pp. 51-69, 2 tabl. 2p, 2012.
- Zouhir Adjerid, Khadidja Ouzegane, Gaston Godard, Amel Bitam-Derridj et Jean-Robert KIENAST. Les sérourènout : un fragment de lithosphère océanique subducté à haute pression, exhumé puis granulitisé à haute température. Bulletin du Service Géologique National, Vol. 23, N° 3, pp. 199-217, 1 tabl, 2012.

Année 2010 :

- Bitam-Derridji A., Ouzegane K., Adjerid Z., Godar G., Kienast J.R., « Les éclogites granulitisées de Ti-N-Eggoleh (terrane du Sérourènout, Hoggar central): étude métamorphique et conséquence géodynamique», Bulletin du Service Géologique National, Vol 21, N° 2,2010.

Année 2009 :

- Loumi K., Mahdjoub Y., « Le granite panafricain calco-alcalin et hautement potassique de Tin Amzi (Hoggar central) : pétrographie et géochimie », Bulletin du Service Géologique National, Vol 20, N° 2, pp. 93-108,2009.

Laboratoire
Automatique Appliquée
Agréé en Février 2001

Directeur : **HABBI Hacene**

Grade : **Professeur**

Adresse : **Département Automatisation des Procédés Industriels et Electrification, Faculté des Hydrocarbures et de la Chimie, Université M'Hamed Bougara, Avenue de l'Indépendance, 35000 - Boumerdès**

Téléphone /Fax : **024 79 52 61**

E-Mail : **laa@umbb.dz**

Publications Internationales :

Année 2015:

- F.Sahnoune, M.Belhamel, M.Zelmat. "Algerian energy policy and potential to reducing greenhouse gas emissions". Energy Sources, Part B, 2015 (In press).
- F.Sahnoune, M.Belhamel, M.Zelmat. "Performance improvement of large-scale solar water heating systems by using remote monitoring" Rev.Téc.Ing.Univ .Zulia. Vol.38, N^o 1, pp.105-113,(2015).
- H. Habbi, Y. Boudouaoui, D. Karaboga, C. ozturk "Self-generated fuzzy systems design using artificial bee colony optimization", Information Sciences (Elsevier), vol. 295, pp. 145-159, (2015).

Année 2014 :

- H. HABBI, Y. BOUDOUAOU "Hybrid artificial bee colony and least squares method for rule-based systems learning", International Journal of Computer, Information, Systems and Control Engineering, Vol. 8, No. 12, pp. 1760-1763, (2014).
- IDIR, M. KIDOUCHE, "RT-Lab and dSPACE: two softwares for real time control of induction motors," Rev. Roum. Sci. Techn. – Électrotechn. et Énerg., 2014.

- F.SAHNOUNE, M.MADANI, M.ZELMAT, M.BELHAMEL,"Comparative study between solar and conventional heating-economic study and environmental impact ", Energy procedia, vol.50, (2014), pp.841-852.
- M. KESRAOUI, A. CHAIB, A. MEZIANE and A. BOULEZAZ, "Using a DFIG based Wind Turbine for Grid Current Harmonics Filtering", Energy Conversion and Management, Vol. 78, February 2014.
- H. AKROUM, M. KIDOUICHE, A. AIBECHÉ «Experimental Results of Sensorless Rotor Field Oriented Control Using MRAS", (CEIT'14), Proceedings Engineering & Technology- IPCO-2014 .
- AHRICHE, M. KIDOUICHE, S. MEKHILEF; "Robust sensorless sliding mode flux observer for DTC-SVM-based drive with inverter nonlinearity compensation," Journal of Power Electronics, 2014.

Année 2013 :

- S. Grouni, A. Aibeche, H. Akroum, " Dynamic Flux Observation on Variable Parameters in Field Oriented Control for Induction Machine Drives," in Chaos and Complex Systems, Proceedings of the 4th International Interdisciplinary Chaos Symposium, pp. 141-149, 2013.
- M.Kesraoui, A. Chaib, A. Madri and B. Hammani 'Using A Dfig based Wind Farm for Grid Node Reactive Power Compensation', International Journal of Renewable Energy Technology, IJRET, Vol.4, N°1, 2013.

Année 2012 :

- Kouadri Abdelmalek, Namoun Abdellah, Zelmat Mimoun et Aitouche Mohand Amokrane: A Statistical-based Approach for Fault Detection in a Three Tank System International Journal of Systems Science, 2012.
- Kouadri Abdelmalek, AitoucheMohand Amokrane et Zelmat Mimoun: Variogram-based fault diagnosis in an interconnected tank system ISA Transactions, 2012.
- H. Akroum, M. Kidouche, A. Aibeche, " A dspace dsp Control Platform for V/F Controlled Induction Motor Drive and Parameters Identification," in Advances in Computer, Communication, Control and Automation, Lecture Notes in Electrical Engineering (LNEE), Vol. 121, pp 305-312, 2012.

Année 2011:

- M.Kesraoui, A. Belkadi and N. Korichi, 'Maximum Power Point Tracker of a Wind Energy Conversion System', Renewable Energy, Vol. 36 (2011), Issue 10, Pages 2655-2662.
- M. Kesraoui, D. Acheli and A. Harfouche, 'Comparison of different wind farm layouts for a 25 MW project in the south west of Algeria', Renewable Energy and Power Quality Journal, Vol.9, May 2011.

- H. Habbi, M. Kidouche, M. Zemat «Data-driven fuzzy models for nonlinear identification of a complex heat exchanger», *Applied Mathematical Modelling* (Elsevier), vol. 35(3), pp. 1470-1482, (2011).
- H. Habbi, M. Kidouche, M. Kinnaert, M. Zemat «Fuzzy model-based fault detection and diagnosis for a pilot heat exchanger», *International Journal of Systems Science* (Francis & Taylor), vol. 42, n° 4, pp. 587-599, (2011).
- Chaib, D. Acheli and M. Kesraoui, 'Orientation system of solar panels based on a robot manipulator', *Renewable Energy and Power Quality Journal*, Vol.9, May 2011.

Année 2010:

- Kidouche M., Habbi H., « On Lyapunov stability of interconnected nonlinear systems: recursive integration methodology», *Nonlinear Dynamics*, Vol 60, N° 1, pp.183-191, (2010).
- Grouni S., Ibtouen R., Kidouche M., Touhami O., « Novel loss optimization in induction machines with optimum rotor flux control», *International Journal of Systems Control*, Vol 1, N° 4, pp.163-169 (2010).
- Grouni S., Ibtouen R., Kidouche M., Touhami O., « Real time rotor flux estimation for induction machine drives: an experimental approach», *Journal of Electronics and Electrical Engineering*, Vol 104, N° 8, pp.69-72 (2010).
- S. Grouni, R. Ibtouen, M. Kidouche, O. Touhami, "Experimental Approach in Real Time of Rotor Flux Control for Vector Controlled Induction Machines Drives", *Elektronika Ir Elektrotehnika*, , No. 8(104), pp. 69-73, October 2010.
- S. Grouni, R. Ibtouen, M. Kidouche, O. Touhami, "On line Estimator time constant rotor with optimum flux for Induction Motor drives", Chapter 11, *New Trends in Advanced Technologies*, Intechweb.org, and Jan. Vukovar, Croatia, pp.201-212, 2010.
- S. Grouni, R. Ibtouen, M. Kidouche, O. Touhami, "Application indirect field oriented with optimum Flux for Induction Motor drives", *Advanced Techniques in Computing Sciences and Software Engineering*, Published by Springer, pp.7-11, 2010.
- Akroum H., Kidouche M., Grouni S., Zemat M., «A Perfectly symmetrical configuration in dual-bridge inverter topology for maximum mitigation of EMI, common-mode voltages and common-mode currents», *Journal of Electronics and Electrical Engineering*, Vol 103, N° 7, pp.51-56 (2010).
- Kouadri A., Chiter L., Zemat M., «A radial basis function neural network optimized through modified Direct algorithm based-model for a three interconnected water tank», *Journal of Discrete Mathematical Sciences & Cryptography*, Vol 13, N° 2, pp.185-200 (2010).
- Hafaihia A., Laaouad F., Laroussi K., « Fuzzy Logic Approach Applied to the Surge Detection and Isolation in Centrifugal Compressor », *Automatic Control and Computer Sciences*, Vol 44, (2010).

Année 2009:

- Hafaifia A., Laaouad F., Guemana M., « A New Engineering Method for Fuzzy Reliability Analysis of Surge Control in Centrifugal Compressor » American Journal of Engineering and Applied Sciences, Vol 2, pp.676-682, (2009).
- Laroussi K., Zelmat M., Hafaifia A., « New Approach for a Supervisor of the PI Controller Parameters Applied for Induction Motor » International Review of Automatic Control, Vol 2, N° 5, pp.535-541, (2009).
- Hafaifia A., Laaouad F., Laroussi K., « Centrifugal compressor surge detection and isolation with fuzzy logic controller », International Review of Automatic Control, Vol 1, N° 2, pp.535-541, (2009).
- Habbi H., Kidouche M., « A combined LQG/LTR and Fuzzy logic strategy for the improved control of a drum-type boiler turbine plant » International Journal of control and intelligent systems, Vol 37, N°2, pp. 114, (2009).
- Grouni S., Kidouche M., « Experimental optimum flux control for vector controlled induction machines drives », International Journal of Factory Automation, ISSUE 3, pp. 122-126, (2009).

Année 2008:

- Airouche M., Zelmat M., Kidouche M., « Statistical edge detectors applied to SAR images », International Journal of Computers, Vol 3, pp. 144-149, (2008).
- Grouni S., Kidouche M., « Improvement Approach on Rotor Time Constant Adaptation with Optimum Flux in IFOC for Induction Machines Drives » International Journal of Mathematical, Physical and Engineering Sciences, Vol 2, N° 3, pp. 121-125, (2008).
- Kidouche M., Habbi H., Zelmat M., « Stability of interconnected systems under structural perturbations: Decomposition-aggregation approach » International Journal of Mathematical, Physical and Engineering Sciences, Vol 2, N°3, pp. 116-120, (2008).
- Kidouche M., Habbi H., Zelmat M., Grouni S., « The first integral approach in stability problem of large scale nonlinear dynamical systems », International Journal of Computer Science, Vol 3, N°2, pp. 131-136, (2008).

Année 2007:

- Laaouad F., Hafaifa A., Iratni A., « Non linear sensitive control of centrifugal compressor » International Journal of Applied Mathematics and computer Sciences, Vol 4, N°2, pp. 669-674, (2007).
- Laaouad F., Hafaifa A., Laroussi K., « A nonlinear model for a turbo compressor using fuzzy logic approach », WSEAS Transactions on Systems and Control, Issue 2, Vol 4, pp. 242-247, (2007).
- Bendib R., Khelassi A., « The assessment of interactions in ratios control schemes for a binary distillation column » International Journal of Applied Science Engineering and technology, Vol 4, N°4, pp. 217-222, (2007).

Année 2006:

- Bendib R., Khelassi A., « Assessment of the effect of feed plate location on interactions for a binary distillation column », Transaction on Engineering, Computing and Technology, Vol 17, pp. 314-318, 2006.
- Kidouche M., Charef A., « Constructive methodology of Lyapunov function of composite system with nonlinear interconnection term », International Journal of Robotic and Automation, vol 21, N° 1, pp. 19-24, 2006.

Année 2005:

- Khelassi A., Laaouad F., Bouyahiaoui C., Grégoriev L., « Optimal fuzzy control to reduce energy consumption in distillation columns », Issue ,Vol 66, N° 2, pp. 200-208, (2005).
- Maldi M., Diaf M., Khelassi A., Bouyahiaoui C., « Non-Interacting fuzzy control system design for distillation columns », Issue 4, Vol 4, pp.345-351, (2005).
- Hafaifa A., Laaouad F., Laroussi K., « A new control system design of compression systems using fuzzy control algorithms », Journal of Automatic Control and System Engineering, Vol 5, Issue 3, (2005).

Année 2004:

- Hafaifa A., Laaouad F., Benani A., « Selection of the correct transmitter in compression systems for surge detection and isolation », International Journal of Computational Intelligence, Vol 1, N° 1, (2004).

Année 2003:

- Habbi H., Zelmat M., Ould Bouamama B., « A dynamic fuzzy model for a drum-boiler-turbine system, « Automatica, Vol 39, pp. 1213-1219, (2003).



**Faculté des Sciences
de l'Ingénieur**

Directeur : **ALIOUCHE Djamel**

Grade : **Professeur**

Adresse : **Département Génie des Procédés Industriels**

Industriels, Faculté des Sciences de l'Ingénieur, Université M'hamed Bougara, Avenue de l'Indépendance, 35000 – Boumerdes

Téléphone /Fax : **024 79 93 34**

E-Mail: aliouche_dj@umbb.dz & aliouche_dj@yahoo.fr

Publications Internationales:

Année 2015 :

- Moulahcene-Abdelli F.; Aliouche D., Preparation and Characterization of Cellulose/Montmorillonite Hybrid Membranes, Journal of Composites and Biodegradable Polymers, vol. 3 (1), pp. 000-000, 2015.
- Haddadou I; Aliouche D.; Brosse N.; Amirou S., Characterization of cellulose prepared from some Algerian lignocellulosic materials (zeen oak wood, Aleppo pine wood and date palm rachis), European Journal of Wood and Wood Products, vol. 73 (3), pp. 419-421, 2015.
- Benbouabdallah A.; Djelali N-E., Adsorption of Zinc and Cadmium from Aqueous Solutions Using Bentonite/Polypyrrole Composite, Revue Roumaine de Chimie, vol. 60 (4), pp. 321-330, 2015.
- Boudieb N.; Bounoughaz M.; Bouklachi A., The Effect of Surfactants on the Efficiency of Lead Acid Batteries, Procedia - Social and Behavioral Sciences, vol. 195, pp. 1618-1622, 2015.
- Bounoughaz M.; Boukercha H.; Khemmari A.; Allaoua M.; Salhi E., in Progress in Clean Energy, Volume 1, Chapter 57: Electrochemical Behavior of Silicon in Light and Dark Environments in 0.5 M Sulfuric Acid, pp. 777-786, I. Dincer et al. (eds.), Springer International Publishing, Switzerland, 2015.
- Ghemmit-Doulache N.; Azzouni B.; Meriouli A., Effect of marine biofilm on the electrochemical behavior of stainless steel and titanium, Research Journal of Chemistry and Environment, Vol. 19 (3), pp. 49-52, 2015.
- Ghemmit-Doulache N.; Benserradj S., The Effect of surface treatments on the electrochemical behavior of Titanium alloy in seawater by electrochemical impedance spectroscopy (EIS), Journal of Materials and Environmental Science, vol. 6 (7), pp. 1829-1833, 2015.
- Ghemmit-Doulache N.; Remlia A., Electrochemical behaviour of the titanium-seawater interface at the Cape-Djinet, Boumerdes thermal station: influence of the potential, temperature, and brine, Desalination and Water Treatment, pp. 1-8, DOI:10.1080/19443994.2015.1036777, 2015.
- Halfaoui R.; Chemani B., Deformation of the carded and combed wool yarns when they are subjected to repeated extensions, influence on the strength and on the elongation at break, International Journal of Clothing Science and Technology, vol. 27 (5), pp. 640-651, 2015.

Année 2014:

- Ghemati D.; Aliouche D., Dye Adsorption Behavior of Polyvinyl alcohol/Glutaraldehyde/ β -Cyclodextrin polymer membranes, *Journal of Applied Spectroscopy*, vol. 81 N°2, pp. 263-269, 2014.
- Ghemati D.; Aliouche D., Study of the Sorption of Synthetic Dyes from Aqueous Solution onto Cellulosic Modified Polymer, *Journal of Water Chemistry and Technology*, Vol. 36, N°6, pp. 265–272, 2014.
- Belalia F.; Djelali N-E., Rheological Properties of Sodium Alginate Solutions, *Revue Roumaine de Chimie*, vol. 59 (2), pp. 135-145, 2014.
- Ghebache Z.; Djelali N-E.; Zitouni S., Elaboration and Characterization of Conducting Nanocomposite Inorganic/Organic, *Revue Roumaine de Chimie*, vol. 59 (5), pp. 285-289, 2014.
- Benbouabdallah A.; Djelali N-E., Synthesis of Polypyrrole's support adsorbed on Bentonite. Applications in Wastewater Treatment, *Revue Roumaine de Chimie*, vol. 59 (8), pp. 627-637, 2014.
- Bounoughaz M., Electrochemical Study of Efficiency of Mixtures of Corrosion Inhibitor in Multiphase Medium, *International Journal of Advance Research*, vol. 2 (10), October 2014.
- Bounoughaz M.; Touabi N., the Self-ignition of Fiberglass Lines, *Global Journal of Biosciences and Biotechnology*, vol. 3 (4), pp. 365-369, 2014.
- Chemani B.; Halfaoui R., Influence of Pressure from Compression Textile Bands: Their Use in the Treatment of Venous Human Leg Ulcers, *International Journal of Physical Science*, vol. 9 (7), pp.146-153, 2014.

Année 2013 :

- H. Maachou., M. J. Genet., D. Aliouche., C. C. Dupont-Gillain., P. G. Rouxhet., "XPS analysis of chitosan–hydroxyapatite biomaterials: from elements to compounds, *Surface and Interface Analysis*" Vol. 45, Issue 7, 1088–1097.2013.
- D Ghemati., D Aliouche., « Studyon the Kinitics Adsorption of Organic Pollutants on Modified Cellulosic Polymer Using Ultraviolet-Visible spectroscopy ». *Journal of Spectroscopy*, Article ID 639717, 7 pages. 2013.
- S Kebbouche- Gana., M Gana., I Ferrioune., S Khemili., N Lenchi., S Akouci-Toumi., N Bouanane-Darenfed., N Djelali., «Production of biosurfactant on crude date syrup under saline conditions by entrapped cells of *Natrialba* SP. strain E21, an extremely halophilic bacterium isolated from a solar saltern(Ain Salah, Algeria) ». *Extremophiles*. Vol 17(6):981-93.2013.
- N. Seddiki and D. Aliouche» Synthesis, Reological Behavior and Swelling Properties of Copolymer Hydrogels based on Poly (N-isopropylacrylamide) with Hydrophilic monomers ». *Chemical Society of Ethiopia*. 27(3), 447-457. 2013.

- N Seddiki.; D Aliouche., "Synthesis, characterization and rheological behavior of pH sensitive poly (acrylamide-co-acrylic acid) hydrogels." Arabian Journal of Chemistry, in press.j.arabjc.11.027.2013.
- W. Zhang, M. Bounoughaz, E. Ghali and G. Houlachi, "Electrochemical impedance spectroscopy evaluation of behavior of Pb-Ag anodes for zinc electrowinning". Corrosion Engineering and Technology.Vol. 48 (6), pp. 452 -460.2013.
- R. halfaoui;B.chemani "the influence of cyclic deformation on the strength and elongation at break of carded and combed wool yarns". Journal of the textile institute .Vol 104, pages 1156-1163.2013.

Année2012:

- Ghemati D., Aliouche D., "Synthesis and characterization of β -cyclodextrin-benzoic acid inclusion complex and grafting with cellulosic polymer" African Journal of Pure & Applied Chemistry, vol. 6 (3), pp. 42-49.2012.
- S Mouffok., M Kaci., E Peuvler-disdier., D Aliouche « Infuence of Natural Weathering on the Physical Properties of CompatilizedBelend of Poly (propylene)/Polyamide-6 » MacromolecularySymposia. 321-322, 40-45, 2012.
-

Année 2011 :

- Ghemit-Doulache N., Kheirddine H., Si Salah D., » Verification of Levich law. Determination of hydrogen currents accoring to temperature and polarization potential during calcareous deposition » journal of Environmental Science and Engineering, vol. 5(10), 1269-1275, 2011.
- Ouslimani N., Zibouche F., Iratni A., Abadlia M-T., « Adsorption of Yellow Bemacid CM-3R dye from Aqueous Solutions onto Raw and Sodium Bentonite » Asian Journal of Chemistry, Vol. 24², 673-676, 2011.

Année 2010 :

- Dahou W., Ghemati D., Oudia A., Aliouche D., « Preparation and biological characterization of cellulose graft copolymers », Biochemical Enngineering Journal, Vol 48, N², pp. 187-194, 2010.

Nationales:

Année 2013:

- S Mouffok., M Kaci., E Peuvler-disdier., D Aliouche., " the effects of long time exposure to natural weather on the rheological and morphological properties of polypropylamide-6 blend" . Journal of materials, processes and environment.Vol1,(1) 2335-1020 pp. 27-32.2013.

Année 2011:

- Ghemmit-Doulache N.; Khireddine H.; Si Salah D., « Verification of Levich law. Determination of hydrogen currents according to temperature and polarization potential during calcareous deposition » *Journal of Environmental Science and Engineering*, vol. 5 (10), pp. 1269-1275, (2011).
- Ouslimani N., Zibouche F., Iratni A. and Abadlia M-T., Adsorption of Yellow Bemacid CM-3R dye from Aqueous Solutions onto Raw and Sodium Bentonite, *Asian Journal of Chemistry*, Vol. 24 N°2, pp.673-676, (2011).

Année 2010 :

- Meski S., Ziani S., Khireddine H., « Removal of lead Ions by hydroxyapatite prepared from the egg shell », *Journal of chemical and engineering data*, Vol 55, N°9, pp. 3923-3928 , (2010).
- Meski S., Khireddine H., Ziani S., Rengaraj S., Sillanpaa M., « Comparative study on the removal of zinc(II) by bovine bone, billy goat bone and synthetic hydroxyapatite », *Desalination and water treatment*, Vol 16, N°1-3, pp. 271-281, (2010).
- Dahou W., Ghemati D., Oudia A., Aliouche D., « Preparation and biological characterization of cellulose graft copolymers », *Biochemical Engineering Journal*, Vol 48, N°2, pp. 187-194, (2010).

Directeur : **BENAZOUZ Djamel**

Grade : **Professeur**

Adresse : **Département Génie Mécanique, Faculté des Sciences de l'Ingénieur, Université M'hamed Bougara, Avenue de l'Indépendance, 35000 - Boumerdès**

Téléphone /Fax : **024 91 15 29**

E-Mail : **lmss@.dz**

Publications Internationales :

Année 2014:

- Belalouache Kamel, Benazzouz Djamel , Rahmoune Chemseddine , A New Method Based on Fast Kurtogram to Diagnosis Differentially of Pitting Fault Versus Crack Fault in Gearbox System', JVE International LTD. Journal of vibroengineering, Volume 16, Issue 6, 2014.
- Tahar Benmessaoud, Djamel Benazzouz, Taha Benikhlef, Lakhdar Mazouz & Slami Saadi, 'Major industrial risks assessment in chemical/petrochemical facilities', International Journal of System Assurance Engineering and Management , 2014.
- Alem saïd & Benazzouz Djamel, 'Bond Graph to Digraph Conversion: a Sensor Placement Optimisation for Fault Detection and Isolation by a Structural Approach', SIDNA journal, 2014.

Année 2013:

- Chemseddine Rahmoune & Djamel Benazzouz, 'Monitoring gear fault by using motor current signature analysis and fast kurtogram method', International Review of Electrical Journal (IREE), 2013.
- M. A. Mellal, S. Adjerid, D. Benazzouz, S. Berrazouane, and J. E. Williams, "Optimal policy for the replacement of industrial systems subject to technological obsolescence Using genetic algorithm," Acta Polytechnica Hungarica, vol. 10, no. 1, pp. 197–208, 2013.

Année 2012:

- M. A. Mellal, S. Adjerid, E. J. Williams, and D. Benazzouz, "Optimal replacement policy for obsolete components using cuckoo optimization algorithm based-approach: Dependability context" Journal of Scientific and Industrial Research, vol. 71, no. 11, pp. 715–721, 2012.

- Smail Adjerid, Toufik Aggab, Djamel Benazzouz 'Performance Evaluation and Optimisation of Industrial System in a Dynamic Maintenance' American Journal of Intelligent Systems, 2(5): 82-92,2012.
- H. Mokhtari, M. A. Mellal, I. Belaidi, S. Alem, S. Berrazouane and M. Ouziala, "Genetic algorithm for multiobjective optimization: Applied in high speed machining milling operation," Precision Instrument and Mechanology, Vol. 1, no. 1, pp. 28–31, 2012.
- Chemsedine Rahmoune and Djamel Benazzouz, "Early detection of pitting failure in gears using a spectral kurtosis analysis", Mechanics & Industry 13,245-254, 2012. AFM, EDP sciences 2012.
- Djamel Benazzouz, Mohamed Amrani & Smail Adjerid, 'Back Propagation Algorithm Used for Tuning Parameters of ANN to Supervise a Compressor in a Pharmachimical Industry', American Journal of Intelligent Systems, Scientific & Academic Publishing SAP journal Sept. 2(4)pp.60-65,2012.
- Taha Benikhlef, Djamel Benazzouz, Smail Adjerid & Kazimierz Lebecki, "Safety Analysis Approach Based on Thermodynamic and Chemical Reactions Modelling", Journal of Loss Prevention in the Process Industries, Elsevier. Jan. 2012.

Année 2011:

- Benikhlef. T, Benazzouz. D, Izquierdo. J.M and Sanchez. M. 'Damage domains of chemically reacting industrial facilities. An adequate identification model for Bhopal-like scenarios', Wiley InterSciences. Asia-Pacific Journal of Chemical Engineering, 2011.
- D. Benazzouz, S. Benamar & S. Adjerid, 'Fault Detection and Isolation Based on Neural Networks Case Study: Steam Turbine', Energy & Power Engineering, Vol.3 N°4, pp.513-516, September 2011.
- Abdelmalek Bensefia, Mohammed Boussaid & Tahar Loulou, "Optimal Heat Input for Estimating Luikov's Parameters in a Heat and Mass Transfer Problem", Numerical Heat Transfer, Part B: Fundamentals, Volume 60, Issue 5, pp.399-423, Taylor & Francis, 2011.
- Mellal Med, S. Adjerid & D. Benazzouz, 'Modelling and simulation of mechatronic system to integrated design of supervision Using a Bond Graph Approach', Applied Mechanics and Materials Vol. 86, pp.467-470, Switzerland, 2011.

Année 2009:

- Belheinen, Plassiard Jp, Donze, Darve, Seridi A, 'Numerical Simulation of Drained Triaxial Test Using 3D Discrete'. Element Modeling Computers and Geotechnics, Vol: 36, pp: 320-331, 2009.

Année 2006:

- Abdellah Mokhtari, N.K.M'Sirdi, K. Meghriche and A. Belaidi, 'Feedback Lineraization and Linear Observer for Quadrotor Unmanned Aerial Vehicle', Advanced Robotics, Vol.20 N°1, pp.71-91, 2006.

Année 2005:

- K. Meghriche, M. Haddadi, 'HOS-Based Variable Step Adaptative Equalizer', WSEAS Transaction on Information Science and Applications, Issue 1, Vol.2, Jan.2005.

Année 2001:

- D. Benazzouz, 'Performance evaluation of Distributed Memory Multiprocessor Systems', Intelligent Automation and Soft Computing, Vol.7, N°2, 2001.

Publications Nationales :

Année 2009:

- Mansouri, M.; Delenne, J.-Y.; El Youssoufi, M. S.; Seridi, A., 'A 3D DEM-LBM approach for the assessment of the quick condition for sands', Comptes Rendus Mécanique, vol. 337, Issue 9-10, pp. 675-681, 2009.

Année 2004:

- Seridi A, Belouar A, Boulfoul A, 'Détermination des caractéristiques géotechniques d'une zone potentiellement instable- cas de boussouf, Constantine', Revue semestrielle de l'Université Mentouri Constantine- Algérie, 2004. Revue semestrielle de l'Université Mentouri Constantine- Algérie, N°22, 2004.

Unité de Recherche
Matériaux, Procédés & Environnement
Agrée en Mars 2010

UNITE DE RECHERCHE – Matériaux - Procédés et Environnement UR-MPE

Ex. LMMC Agrée en : 2000 reconverti en Unité le 25 mars 2010.

Directeur : **BENMOUNAH Abdelbaki**

Grade : **Professeur**

Adresse : **Unité de Recherche (UR-MPE), FSI ; Cité Frantz Fanon, Université de Boumerdès**

Tél/ Fax: **024 81 94 24 , 024 91 38 66**

E-Mail : benmounah2000@yahoo.fr , abenmounah@.dz

Site web : www.urmpe.dz

Publications Internationales :

Année 2015

- F. Bensouici, T. Souier, A.A. Dakhel, A. Iratni, R. Tala-Ighil, M. Bououdina "Synthesis, characterization and photocatalytic behavior of Ag doped TiO₂ thin film. Superlattices and Microstructures, Volume 85, Pages 255-265 ,2015.
- H. Belkhalifa, H. Ayed, A. Hafdallah, M.S. Aida, R. Tala Ighil." Characterization and studying of ZnO thin films deposited by spray pyrolysis: Effect of annealing temperature." Elsevier, Optik 127(2016) 2336–2340.
- Mohammed Saidi, Brahim Safi,, Abdelbaki Benmounah , Nadjiba Megdoud , Faiza Radi," Physico-mechanical properties and thermal behavior of firebrick-based mortars in superplasticizer presence. Construction and Building Materials. ScienceDirect 104 (2016) 311–321...2015.12.026.
- Rafik Halimi, Boudjema Bezzazi, Ali Badidi Bouda, M'hamed Djelloul Abbou, and Oussama Mimouni (2015). Study and analysis of mechanical and viscoelastic behavior in flexure of laminated composites. International Journal of Materials Research. E-first Article. 2015.
- Bouzid Mohammed, Djadi Amina, Bezzazi Boudjema "Complex di-hydrate calcium phosphate - glutaraldehyde: formulation mechanism" European Scientific Journal /SPECIAL/ edition Vol.2. P.118-126, 2015.
- Bouzid Mohammed and Djadi Amina "Revaluation of activated sludge and chicken manure through composting by aerobic process" .African Journal of Agricultural Research. Vol. 10(52), pp. 4831-4836, 24 December, 2015.
- Z. Belouadah, A. Ati, M. Rokbi, «Characterization of new natural cellulosic fiber from *Lygeum spartum* L. *Carbohydrate Polymers*, Volume 134, Pages 429-437, 2015.

- Ammar Malek, Chouaib Aribi. "Mechanical and physicochemical characterization of an epoxy-based composite reinforced with fibrous biopolymer" by Product Fibers and Polymers, , Volume 16, Issue 11, pp 2458-2462, 2015.
- Dokari, H.; Hammadi, M.; Benferrah, N.; Rachedi, Y. "Formation of Benzylidenes-Diacetates Catalyzed by Activated Zeolite "LZY-562" and Clay (K10/ZnCl₂): An Unexpected Functional Selectivity " Asian Journal of Chemistry., Vol. 27 Issue 6, p1973-1976, 2015.
- F. Benhaoua, A. Ayadi, N. Stiti, Y. Lamri, H. Ratni (2015); Elaboration and characterization of a cellular glass based cullet loaded with carbon fibers, Sciencedirect; Materials Letters, Volume 160, 2015, Pages 278–281,
- Mohammed Saidi, Brahim Safi, Khaled Bouali, Abdelbaki Benmounah, Madjid Samar, (2015); Improved behavior of mortars at a high temperature by using refractory brick wastes, Indersciences Publishers; International Journal of Microstructure and Materials Properties, 2015.
- Qian Wang, Yao Ma, Xin Jiang, Nianjun Yang, Yannick Coffinier, Hakim Belkhalifa, Nahed Dokhane, Musen Li, Rabah Boukherroub and Sabine Szunerits (2015); Electrophoretic Deposition of Carbon Nanofibers/Co(OH)₂ Nanocomposites: Application for Non-Enzymatic Glucose sensing, Electroanalysis; 2015.
- S. Blizak, G. Bihlmayer, S. Blügel, and S. E. H. Abaidia, (2015) Interlayer exchange coupling between FeCo and Co ultrathin films through Rh(001) spacers; Phys. Rev. B 91, 014408 –2015.
- Naima Haddadoua, Rabah Chaid and Youcef Ghernouti, Experimental study on steel fibre reinforced self-compacting concrete incorporating high volume of marble powder, European Journal of Environmental and Civil Engineering, Volume 19, Issue 1, 2015, pages 48-64; 10.1080/19648189.2014.929537,(2015).
- Aldjia Boutiba, Rabah Chaid, Laurent Molez, Raoul Jauberthie, Ripening in Chemically Aggressive Environment the HPC Reinforced with Hybrid Steel Fiber, Periodica Polytechnica Civil Engineering, (2015) e-first paper 7899, (2015) .
- N. Benferrah, M. Hammadi, F. Berthiol "Potassium fluoride-barium oxide catalysis in an easy and efficient synthesis of methysticin from piperonal under microwave irradiation." Russian Journal of General Chemistry August 2015, Volume 85, Issue 8, pp 1939-1944 ., 2015.
- S. Ladjouzi, R. Tala-Ighil, A. Iratni, M. Izerrouken, L. Guerbous, S. Hadji, F. Bensouici, F.J. Pérezy- "Ray irradiation effect on GdBO₃/silica: Ce³⁺ composite prepared by sol gel method" Radiation Physics and Chemistry, Volume 114, Pages 1-4, 2015.

- Amar Irekti, Boudjema Bezzazi, Agnès Smith and Chouaib Aribi" Experimental study of dielectric properties of composite materials pozzolan/DGEBA» Journal Polymer Composites. 1548-0569, (2015).
- Khaled Benyounes and Abdelbaki Benmounah"Rheological and electrokinetic characterization of bentonite particles in aqueous phase in presence of KCl» Particulate Science and Technology: An International Journal Published. 2015.
- D.E. Djemiat, A. Safri, A. Benmounah, B. Safi: Rheological behavior of an Algerian crude oil containing Sodium Dodecyl Benzene Sulfonate (SDBS) as a surfactant: Flow test and study in dynamic mode; Journal of Petroleum Science and Engineering, Volume 133, Pages 184–191, 2015.
- B. Safi, S. Zarouri, R. Chabane-Chaouache, M. Saidi, A. Benmounah; Physico-chemical and rheological characterization of water-based mud in the presence of polymers; Springer: Journal of Petroleum Exploration and Production Technology, pp: 1-6, 2015.
- D. Aboutaleb, B. Safi; Lithium Oxide Effect on the Thermal and Physical Properties of the Ternary System Glasses (L_{12O_3} - B_{2O_3} - Al_{2O_3}), International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering Vol:9, No:3, pp: 414-417 ,2015.
- Z. Ait-Djafer, N. Saoula, H. Aknouche, B. Guedouar, N. Madaoui. Deposition and Characterization of Titanium Aluminum Nitride coatings prepared by RF magnetron sputtering. Applied Surface Science (2015).
- Fetta Ait Ahsene-Aissat, Yacine Moussaoui, Yacine Kerchiche, Ferial Guenane, Messaoud Hachemi. "PCCD/Fs and BTEXs in the vicinity of an industrial waste incinerator in northern Algeria". Published in Fresenius Environmental Bulletin. Volume 24 No. 4, p.1318-1325, (2015).
- Razika TALA-IGHIL, Mahdia TOUBANE, Fayçal BENSOUICI, Amel SLIMANI, D. HAOUANOH, Aicha IRATNI and Samira SALI " Effect of back contact material on czts solar cells simulated with amps" Journal of Applied Physical Science International, , Vol.: 3, Issue.: 1 Page 1-6,2015.
- Y. Ghernouti, B.Rabehi, T.Bouziani, H. Ghezraoui, A. Makhloufi. "Fresh and hardened properties of self-compacting concrete containing plastic bag waste fibers (WFSCC)" Construction and Building Materials. 82 89- 100,(2015).
- I. Haddadou, D. Aliouche, N. Brosse, S. Amirou, "Characterization of cellulose prepared from some Algerian lignocellulosic materials (zeen oak wood, Aleppo pine wood and date palm rachis)" European Journal of Wood and Wood Products. Springer Berlin Heidelberg. , Volume 73, Issue 3, pp 419-421, 2015.
- Nadia Lakreb, Boudjema Bezzazi, Helena Pereira"Mechanical strength properties of innovative sandwich panels with expanded cork agglomerates" European Journal of Wood and Wood Products. Springer Berlin Heidelberg. July 2015, Volume 73, Issue 4, pp 465 - 473.

- H. Dilmi, C. Aribi, B. Safi, B. Bezzazi, M. Saidi, O. Lounas. The fatigue flexural behavior of fiber reinforced concrete: Effect of the parameters of coarse aggregates. Vol.10(1), Sci. Res. Essays, pp. 31-40, 2015
- R. Souag, N. Kamel, M. Hammadi, Z. Kamel, D. Moudir, F. Aouchiche, Y. Mouheb and S. Kamariz. "Study of leaching of a 2M-Zirconolite ($\text{Ca}_{0,83}\text{Ce}_{0,17}\text{ZrTi}_{1,66}\text{Al}_{0,34}\text{O}_7$) in acidic and basic media" Journal of Ceramic Processing Research. Vol. 16, No. 1, pp. 150~155 (2015).
- B. Safi , M. Saidi , A. Daoui , A. Bellal , A. Mechekak , K. Toumi, " The use of seashells as a fine aggregate (by sand substitution) in self-compacting mortar (SCM)" Science Direct , Construction and Building Materials, 78 430–438,(2015).

Année 2014 :

- Lakreb, N., Bezzazi, B., Pereira, H., "Mechanical behavior of multilayered sandwich panels of wood veneer and a core of cork agglomerates." Materials and Design, , Science Direct (2014).
- Hanafi Y, Szymczyk A, Rabiller-Baudry M, Baddari K. Degradation of poly(ether sulfone)/polyvinylpyrrolidone membranes by sodium hypochlorite: insight from advanced electrokinetic characterizations. Environ Sci Technol. 18;48(22):13419-26, 2014.
- B. Hami, A. Irekti, C. Aribi, B. Bezzazi, A. Mir, » Experimental study of sandwich multilayer reinforced by glass fibre and agglomerated cork» Advanced composite letters. Volume 23, Issue 5, 2014.
- Bouzid. M, Bezzazi Boudjema, Djadi Amina, Ait Amar Hamid, Ghouini Ahmed,» Aspect toxicologique et physicochimique du 1,5-dipentanal. European Scientific Journal vol.10, No.36, December (2014).
- Bouzid. M., A. Djadi, C. Aribi, A. Irekti, B. Bezzazi, F. Halouene, "Multilayer System of Thermosetting Polymers and Specific Confining, Application to the Walls of the Hospital unit " The Journal of Materials Science, Photon 120 175-184, Original Research Article. (2014).
- Madjid Samar, Abdelbaki Benmounah, Brahim Safi, Rabia Kheribet and Mohammed Saidi. " Influence Of Nanosilica And A Polycarboxylate Superplasticizer On The Rheological And Electrokinetical Properties Of Cement Pastes, Vol.9(24), pp. 1003 - 1118 , 2014.
- R. Souag, N. Kamel, Y. Mouheb, M. Hammadi, Z. Kamel, D. Moudir, F. Aouchich, S. Kamariz. " Study of the Effect of Ca/Mg Alkali-Oxides Ratio on the Structure of a Glass-Ceramic Based on an Aluminosilicated Glass Containing 2wt.% of Zirconolite Crystalline Phase".Science of Sintering, 46 377-383, (2014).

- Feyriél Dridi, Nathalie Bar, Odile Sainte-Catherine, Messaoud Hachemi, Marc Lecouvey, Didier Villemin. Synthesis of new intercalated quinones and their cytotoxic effects on cancer cell lines. *Eur. Chem. Bull*3 (10), 1020-1026, 2014.
- Azzedine Ayadi, F. Benhaoua, Laurent Le Gendre, Ratiba Benzerga, N.Stiti, » Gravimetric and Differential Thermal Analysis of Cullet-Based Glass Foams”. *Key Engineering Materials* (Volume 617), 113-11610.4028/, (2014).
- Amel Slimani, Aicha Iratni, Hervé Henry, Mathis Plapp, Jean-Noël Chazalviel, François Ozanam and Noureddine Gabouze “ Macropore formation in p-type silicon: toward themodeling of morphology” *Nanoscale Research Letters*, 9:585,2014
- T. Zergoug , S. E. H. Abaidia , A. Nedjar , M. Y. Mokeddem “Adsorption and diffusion of oxygen atom on UN₂(100) surface and subsurface: a density functional theory study (DFT and DFT + U)” *Journal of Nanostructure in chemistry* . 2014.
- Mohammed Bouzid, Amina Djadi, and Samira Guechtoulli, “The Dicalcium Phosphate Dihydrate Fixator and Stabilizer of 235 Glutaraldehyde” , *Ceramic transactions journal*, Volume 249 pp. 235-244.
- D. Brinis, A. Laggoun, D. Ledue, R. Patte. Effects of dimensionality and spatial distribution on the magnetic relaxation of interacting ferromagnetic nanoclusters: A Monte Carlo study. *J. Appl. Phys.* 115, 173906 (2014).
- Dalila Moudir, Nour-el-hayet Kamel, Abdelbaki Benmounah, Yasmina Mouheb, Rafika Souag, Boudjma Bezzazi, Fairouz Aouchiche, Ziane Kamel and Soumia Kamariz. Influence of the Crystal Growth Temperature on the Formation of Zr Reach Crystalline Phases in a Nuclear Waste Confinement Glass Ceramic. *Journal of Materials Science and Engineering B* 4 (8) (2014) 220-225.
- Brinis, D.; Ledue, D.; Laggoun, A.; Patte, R. Monte Carlo. Investigation of Magnetization Switching of Interacting Ferromagnetic Nanoclusters. *Sensor Letters*, Volume 12, Number 1, pp. 113-117(5), 2014.
- A. Beddiar, R. Zitoune, F. Collombet, Y.H. Grunevald, M.T. Abadlia & N. Bourahla. “Compressive behaviour of concrete elements confined with GFRP-prefabricated bonded shells” *European Journal of Environmental and Civil Engineering*. Taylor & Francis group. 2014.
- Laggoun, A. Guitoum, S. Bahamida, M. Boudissa, A. Fnikidi. “Structural and Mössbauer studies of evaporated Fe_{100-x} Pdx thin films”. *European Physical Journal Applied Physics*.
- Farida Ait Medjber, Mohammed Saidi, Brahim Safi, Madjid Samar “Strength improvement of a High Performance Fiber Reinforced Concrete (HPFRC) containing local raw materials” *International Journal of Physical Sciences*. Vol.9(18), pp. 402-412, r 2014.
- Djadi Amina, Ait-Amar Hamid, Bouzid Mohammed,” Etude de la réactivité microbiologique et de l’effet toxique sur carassius auratus du glutaraldehyde, vol.10, No.21, 2014.

- Abdelhakim Daoui; Brahim Safi; Malika Rezak; Abdellatif Zerizer, Use of wood waste (Aleppo pine) as a superplasticiser in self-compacting mortars » Journal Advances in Cement Research, 2014.
- Naima Haddadou, Rabah Chaid & Youcef Ghernouti. “Experimental study on steel fiber reinforced self-compacting concrete incorporating high volume of marble powder” European Journal of Environmental and Civil Engineering. Published online: 26, Taylor & Francis group, 2014.
- Rabah Chaïd Saïd Kenaï, Hamid Zeroub & Raoul Jauberthie. “Microstructure and permeability of concrete with glass powder addition conserved in the sulphatic environment.” European Journal of Environmental and Civil Engineering.Taylor & Francis group, 2014.
- Youcef Ghernouti, Bahia Rabehi, Brahim Safi and Rabah Chaid. “Use of recycled plastic bag waste in the concrete” Journal of International Scientific Publications: Materials, Methods and Technologies. Volume 8, pp: 480-487. 2014.
- Bahia Rabehi, Youcef Ghernouti and Miloud Driss “Potential Use of Calcined Silt of Dam as a Pozzolan in Blended Portland Cement”, International Journal of Concrete Structures and Materials Vol.8, No.3, pp.259–268, 2014.
- C. Belkacemi and B. Bezzazi, “Quasi-static mechanical characterization and fatigue of a composite laminates” Advances in Applied Science Research, 5(3):328-335. Pelagia Research Library,2014.
- F. Bensouici, T. Souier, A. Iratni, A.A. Dakhel, R. Tala-Ighil, M. Bououdina “Effect of acid nature in the starting solution on surface and photocatalytic properties of TiO₂ thin films” Surface and Coatings Technology - Journal - Elsevier , Volume 251, Pages 170–176 , (2014).
- Siham Amirou, Jizhi Zhang, H.A. Essawy, A. Pizzi, A. Zerizer, J. Li and L. Delmotte “Utilization of hydrophilic/hydrophobic hyperbranched poly(amidoamine)s as additives for melamine urea formaldehyde adhesives” Polymer Composites, POLYM. COMPOS. 35:1229–1237, 2014.
- Tayeb Bouziani, Abdelbaki Benmounah, Zoubir Makhloufi, Madani Bédérina & Michèle Queneudec T’kint. “Properties of flowable sand concretes reinforced by polypropylene fibers, Journal of Adhesion Science and Technology, (2014).
- F. Hamadi, K. Boudif, H. Gougam, A. Djouab, T. Allane, A. Benmounah, S. Benamara. » Caractérisation d’une préparation semi-solide traditionnelle antibrûlure » Revue Phytothérapie Springer-Verlag France, (2014).
- Kennouche .S, A. Zerizer, N. Sitouah, A. Aknouche, M. Frédéric « Characterization Of Algerians Oak Wood By X-R Ay Tomogr Aphic Scanner And Free Software Image-J» Wood Research, 59 (2, pp 335-342), 2014.
- Lakhdar Salim Guebboub, Massaoud Hamiane, Saidi Mohammed. “Study of the Hydric Behavior of the Composite in Earth Elaborated With the Local Raw Materials «International Journal Of Scientific & Technology Research. Volume 3, Issue 1, January 2014.

- Abdelhak Bentriou , Karim Fourar, Abdelbaki Benmounah And Bahim Safi “Comparative Study of Biopolymers Action on Physicochemical and Rheological Properties of Water-based Drilling Muds” Asian Journal of Chemistry; Vol. 26, No. 15 (2014).
- Abdelhakim Daoui, Clément Descamps, Abdellatif Zerizer, Rémy Marchal et Bartosz Pałubicki » Variation de l'épaisseur du placage de déroulage des bois et son influence sur les caractéristiques mécaniques des panneaux LVL » MATEC Web of Conferences, (2014).
- Aldjia Boutiba, Rabah Chaid, Laurent Moulez and Raoul Jauberthie “Effect of sulfur aggregates on mechanical resistance and durability for SFRHPC with the addition of slag” MATEC Web of Conferences, (2014).
- A. Guesmia , H. Ammi b,n , S. Mammeri , A. Dib , C.A. Pineda-Vargas , M. Msimang , M. Hedibel ”Semi empirical formula for electronic stopping power determination of 24Mg, 27Al and 28Si ions crossing Formvar foil in the ion energy domain of LSS theory” Radiation Physics and Chemistry Volume 96, March 2014, Pages205–210.

Année 2013 :

- Lakhdar Salim Guebboub, Massaoud Hamiane and Kadi-Hanifi Mouhyddine. “Effect of the Mass Rate of the Straw on the Mechanical and Hydric Characteristics of Mortars in Earth”. *Research Journal of Chemical Sciences*. Vol. 3(12), 76-78, December Res. J. Chem. Sc, (2013).
- Maalem M, .Safi B, Saidi M, Benmounah M, Aboutaleb D. Effect of alkalinity and the nature of the basic solution ($\text{Ca}(\text{OH})_2$ and $\text{Ba}(\text{OH})_2$) on the zeta potential and rheological properties of the drilling mud. Asian Journal of chemistry vol 25 N°16 pp.8848-8852, 2013.
- Rabehi B., Ghernouti Y. and Boumchedda K., Strength and compressive behaviour of ultra high-performance fibre reinforced concrete (UHPC) incorporating Algerian calcined clays as pozzolanic materials and silica fume, European Journal of Environmental and Civil Engineering. Vol. 17, No. 8, 599–615. 2013.
- Bouzid Mohammed, Djadi Amina and Guechtoulli Samira, “The Dicalcium Phosphate Dihydrate Fixator and Stabilizer of Glutaraldehyde. Journal of Materials Science and Engineering B 3 (9) (2013) 605-611.
- Lyamine Mokhtari, Rafik Maizi, Seddik E. H. Abaidia, “Molecular dynamics simulations of crystallization and glass formation in pure and binary liquid metals : Ni and Ni-Zr”. International Journal of Materials Engineering and technology, Vol. 10 N° 2, p.97-111, 2013.
- M.S. Mansour, M.T. Abadlia, A. Afalfiz, W. Ladaoui. » Rheology of mortar and concrete containing mineral admixtures ». Cement Wapno Beton, Vol. XVIII/LXXX, N°5, p. 264-270 ,2013,
- Lyamine Mokhtari, Rafik Maizi and Seddik Elhak Abaidia » molecular dynamics simulations of crystallization and glass formation in pure and binary liquid metals: Ni and Ni-Zr» International of materials Engineering and Technology volume 10, Number2, pages 97-111, (2013).

- K. Chebout, A. Iratni, A. Bouremana, S. Sam, A. Keffous, N. Gabouze, "Electrical characterization of ethanol sensing device based on Vanadium oxide/Porous Si/Si structure". *Solid State Ionics* 253 164–168,(2013).
- Siham Amirou, Imane Haddadou, Abdellatif Zerizer, « Thermal Behaviour of Five Different Date Palm Residues of Algeria by Thermogravimetric Analysis” *PRO LIGNO* online version Volume 9, Issue 2 (2013).
- O. Djebili, F. Bolaers, A. Laggoun and J. P. Dron. "Methodological approach of selecting a vibration indicator in monitoring bearings, *International journal of physical sciences*, Volume 8 (12), pp.451-458, 30 March, 2013.
- K.Messaoud-Bouregghda, M.Z. Messaoud-Bouregghda, F. Halouane. "Conception of hydrofiber wound dressing from cellulose of esparto". *Research & Reviews In polymer*, Volume 4 Issue 2, Rrpl, 4(2), (p.37-44), 2013.
- R.Tala-Ighil. "Simulated multi-crystalline silicon solar cells with aluminum back surface field". *Materials Science*, Volume 9 Issue 7, [277-281], 2013.
- Siham Amirou, Abdelatif Zerizer, Antonio Pizzi, Imane Haddadou, Xiaojian Zhou"Particleboards production from date palm biomass" *European Journal of Wood and Wood Products*, , Volume 71, Issue 4, July 2013.
- Djamila Aboutaleb, Brahim Safi, Azzeddine Ayadi and Aicha Iratni " Effect of the AL₂O₃ and BaO Addition on the Thermal and Physical Properties of Ternary Glass System (B₂O₃- BaO-AL₂O₃)" *Journal of Materials Science and Engineering A & B*, Volume 3, Number 5, May 2013
- C. Oubraham, S. Drizi, B. Safi, A. Benmounah "Simulation and modeling the deferred behavior induced by the creep of a reinforced concrete section" *European Scientific Journal*.
- Bahia Rabehi, Youcef Ghernouti & Khaled Boumchedd^a "Strength and compressive behaviour of ultra high-performance fibre-reinforced concrete (UHPFRC) incorporating Algerian calcined clays as pozzolanic materials and silica fume" *European Journal of Environmental and Civil Engineering* (2013).
- Omar Djebili, Fabrice Bolaers, Ali Laggoun and Jean-Paul Dron, «Following the growth of a rolling fatigue spalling for predictive maintenance». *Mechanics & Industry / Volume 14/ Issue 01/ January 2013*, pp 85-93.
- Nour-el-Hayet Kamel, Dalila Moudir, Ziane Kamel, Abdelmoumene Djerridi, Samy Mouhamou, Abdelbaki Benmounah, Rafika Souag, Mustapha Taouinet and Hamid Ait-Amar »Effect of the Ce Content on a Nuclear Waste Glassy Matrix in the System SiO₂-Al₂O₃-CaO-MgO-ZrO₂-TiO₂, Synthesized at a Low Melting Temperature» *Journal of Materials Science and Engineering A* volume 3 Number (4) , 209-223 , April (2013).
- Kennouche .S., Zerizer .A., Benmounah .A., Hami .B., Mahdad .M., Benouali .H.and Bedjou .S. "Formulation and characterization of self compacting concrete with silica fume" *Journal of Engineering and Technology Research*, 2013 ,Vol. 5(5), pp. 160-169, June2013.

- Safi B.; Ghernouti Y.; Rabehi B.; Aboutaleb D. "Effect of the heat curing on strength development of self-compacting mortars containing calcined silt of dams and Ground Brick Waste" *Materials Research*,. (2013).
- Bouzid Mohammed, Djadi Amina and Guechtoulli Samira "Global Approach and Targeted Approach in the Management of Hospital Effluents" *Journal of Materials Science and Engineering B* 3 (4) 214-225, (2013).
- Siham Amirou, Abdelatif Zerizer, Imane Haddado^u and André Merlin "Effects of corona discharge treatment on the mechanical properties of biocomposites from polylactic acid and Algerian date palm fibres" *Scientific Research and Essays* Vol. 8(21), pp. 946-952, 4 June, 2013 .
- Ana Fernández-Jiménez, Fatima Zibouche, Nassima Boudissa, Ines García-Lodeiro, Mohamed Tahar Abadlia, Angel Palomo, » Metakaolin-Slag-Clinker Blends." The Role of Na⁺ or K⁺ as Alkaline Activators of Ternary Blends « *Journal of the American Ceramic Society*, Volume 96, Issue 6 ,pages 1991–1998 (June 2013).
- Brahim Safi' Mohammed Saidi, Djamilia Aboutaleb, Madani Maallem "The use of plastic waste as fine aggregate in the self-compacting mortars: Effect on physical and mechanical properties" *Construction and Building Materials*, Volume 43, Pages 436–442, June 2013.
- B. Hachemane, R. Zitoune, B. Bezzazi, C. Bouvet »Sandwich composites impact and indentation behaviour study« *Composites Part B: Engineering*, Available online 26 February 2013.
- S. Benbelaid, B. Bezzazi, A. Bezazi "Modelling damage of composite laminates with different stacking sequences. *Journal Advanced Materials Research* Vol. 698 (2013) pp 1-10.
- C. Aribi, B. Bezzazi, A. Mir «Experimental Study for the Choice of a Matrix Epoxy Resin for the Elaboration of Laminates» , *Key Engineering Materials*, Volume:550, Behaviour of Materials» , p.17- 24. (2013).
- Irekti A., B. Bezzazi «Rheological Study of Composite Materials Based on Thermosetting Matrix and Fillers Mineral», *Key Engineering Materials*, , Volume: 550, Behaviour of Materials», p.79-84,(2013).
- A. Mir, C. Aribi, B. Bezzazi, »Fatigue Behaviour of the Laminates Jute/Epoxy» , *Journal Advanced Materials Research*, , Vol. 682 , 2013 p. 65-72. *Materials and Structures*. Trans Tech Publications.
- Bouziani T., Benmounah A. "Correlation between V- funnel and mini slump test results with viscosity". *KSCE. Journal of civil engineering* (2013), 17 (1) p. 173 - 178.

Année 2012 :

- R.Tala-Ighil ,F. Chelli, S. Sali , S. Oussalah, M.Boumaour, F.Tayour, Y. Si-Ahmed "Electrical and morphological study of screen printed silicon solar cells contacts" *Archives des Sciences*, Vol 65, No. 10;Oct 2012.

- S. Hamoum Moussaoui, A. Benchettera and F. Kellou, "Effect of Aluminum Additions on the deactivation of Zinc in NaCl Solution". Asian journal of chemistry, Vol. 24, N° 104355-4360, (2012).
- Bahia Rabehi, Khaled Boumchedda¹ and Youcef Ghernouti "Study of calcined halloysite clay as pozzolanic material and its potential use in mortars" International Journal of the Physical Sciences , Academic Journals Vol. 7(31), pp. 5179-5192, 16 August, 2012.
- Y Ghernouti, Alex Li and B Rabehi "Effectiveness of repair on damaged concrete columns by using fiber-reinforced polymer composite and increasing concrete section" Journal of Reinforced Plastics and Composite; vol. 31, 23: pp.1616-1629, December 2012.
- N.Dokhane, G.P.Puccioni, G. L. Lippi, Slow dynamics in semiconductor multi-longitudinal-mode laser transients governed by a master mode, Phys. Rev. A 85, 143823 (2012)-published April 16,2012.
- S. Blizak, G. Bihlmayer, and S. Blügel, "Ab initio investigations of magnetic properties of FeCo monolayer alloy films on Rh(001)" Physical Review b 86, 094436 (2012).
- D. Aboutaleb, J. Douglad, B. Safi, O. Jbara and A. Iratni; Phase Separation and Chemical Durability in the SiO₂-B₂O₃-Na₂O (SBN) Glass System; Asian Journal of Chemistry. Vol. 24(2), pp. 473 – 480. (2012).
- Chaid R., Jauberthie R. et Rendell F., « Action of seawater on the durability of concrete with marble powder addition », Revue : Indian Concrete Journal, Vol. 86, n° 5, Rs. 65, p. 07-16, may 2012.
- Irekti Amar, Hami Brahim, Aribi Chouaib, Bezzazi Boudjema »Dielectric Behavior Study Of Thermosetting Matrices Loaded» European Scientific Journal ,Vol 8, No 27 (2012).
- Aknouche H. et al » Mesure des efforts de défonçage et de la qualité finale en usinant en différents angles du fil, Journal «Bois et forêt des tropiques, N° 3013 (3), 2012.
- Chaid R., Jauberthie R. et Abadlia M-T» Effet du chlorure de sodium sur la durabilité des BHP », Revue : Annales du Bâtiment et des Travaux Publics, Édition ESKA, n° 1-2, p. 71-80, mars 2012.
- M.S.Mansour, M.T.Abadlia, R.Jauberthie and I. Messaoudene, "Métakaolin as a pozzolan for high-performance mortar"Revue."Cement Wapno beton"N°:02/2012 p.102 – 107.
- M. Oualit, M.T. Abadlia, R. Jauberthie, "Pérennisation des ouvrages en génie civil : diagnostic et inspection des bétons d'égouts. ANNALES DU BÂTIMENT ET DES TRAVAUX PUBLICS, p.25-31, N°3-4.2012.
- R. Kheribet, M. Samar, A. Benmounah, B. Safi, M. Saidi .Effects of alkaline and alkaline-earth ions on the rheological behavior and zetametric study of two cement pastes (artificial cement portland-CEMI and cement resistant to the sulfates-CRS) with the

olynaphthalenesulfonate (PNS) (2012) .Scientific Research and Essays Vol. 7(34), pp. 3040-3052, 30 August, 2012.

- Tazrout Mansour; Abadlia Mohamed Tahar; Mothe Frédéric. «Microdensitometric study of recovery from collapse in eucalyptus camaldulensis dehn wood from beghla in algeria» Journal Bois et forêts des tropiques A., n° 312, pp. 63-752012.
- Irekti Amar, B. Hami, C. Aribi, B. Bezzazi, I. Briki “Rheological behavior of the epoxy resin loaded with the pozzolan” Journal of Materials Science and Engineering (A & B), pp.519-524.(2012) .
- Salim Kennouche, Abdelatif Zerizer, Abdelhamid Aknouche, Marchal Remy "influence of boiling temperature on the panels lvl (laminated veneer lumber) quality made with oak (canariensis) algeria wood" European Scientific Vol 8, No 18 (2012).
- T. Bouziani, A. Benmounah, M. Bedrina» Statistical modelling for effect of mix-parameters on properties of high-flowing sand-concrete» Journal of Central South University Press and Springer-Verlag Berlin Heidelberg (2012) 19: 2966–2675.
- C. Nouveau, B. Tlili , H. Aknouche , Y. Benlatreche , B. Patel » Comparison of CrAlN layers obtained with one (CrAl)or two targets (Cr and Al) by magnetron sputtering”Thin Solid Films Volume 520, Issue 7, 31 January 2012, Pages 2932–2937.
- M. Oualit, R. Jauberthie, F. Rendell, Y. Melinge and M.T. Abadlia. »External corrosion to concrete sewers: a case study» Urban Water Journal 1, (2012).
- Mir A., Bezzazi B., Zitoune R. , Collombet F. “Study of mechanical and hygrothermal properties of agglomerated cork”. MECHANIKA.. MECHANIKA. 2012 Volume 18(1): 40-45
- Benyounes Khaled, Benmounah Abdelbaki » Rheological and electrokinetic properties of carboxymethylcellulose-water dispersions in the presence of salts» International Journal of Physical Sciences, 2012 VOL.7 (11), pp. 1790 - 1798, 9 March, 2012.
- Nabil Khelifatia, b, Djoudi Bouhafsa, Messaoud Boumaoura, Seddik-El-Hak Abaidiab, Baya Palahouanea» Effect of extended phosphorus diffusion gettering on chromium impurity in HEM multicrystalline silicon» Materials Science in Semiconductor Processing Volume 15, Issue 1, February 2012, Pages 56–60 .
- F. Zibouche, H. Kerdjoudj, M. T. Abadlia, Structural characterization of mullite formed from heated kaolin of Tamazert deposit (Algeria) Asian Journal of Chemistry. Volume 24, No. 3 p.1111-1117,(2012).
- Ben Belaid S., Bezzazi B., Bezazi A-R. “Cross-Ply Laminates under Static Three- Point Bending: A Numerical Development Model”. Key Engineering Materials, volume 498, pp 42-54, (2012).
- F. Zibouche, H Kerdjoudj M. T. Abadlia » Thermal behaviour of kaolin of Tamazert (Algeria) deposit» Asian Journal of Chemistry. Volume 24, No. 3 (2012), p. 1118 - 1123.

- Y. Didouche, M. Idouhar, » Characterization of An Effluent of An Algerian Oil Mill», Asian Journal of Chemistry; Vol 24, No. 1 P. 7-10, (2012).
- NH Arabi, A. Iratni, H. El Hamzaoui, B. Capoen, M. Bouazaoui, M. Halbwx , JP Vilcot et S. Bastide » Sol-gel antireflet TiO 2 films minces de silicium monocristallin et de silicium polycristallin texturé» journal of sol-gel science and technology Vol 62, Number 1 24-30, (2012).

Année 2011 :

- Youcef Ghernouti and Bahia Rabehi “FRP-confined short concrete columns under compressive loading: experimental and modeling investigation”Journal of Reinforced Plastics and Composites, February 2011; vol. 30, 3: pp. 241-255.
- Lakhdar Salim Guebboub, Massaoud Hamiane, Mouhyddine Kadi-Hanifi and Said Kamel. Characterization of a composite material in adobe subjected to natural weathering: The case of El Hara Djelfa- Algeria. International Journal of the Physical Sciences Vol. 6(25), pp. 5982-5987, 23 October, 2011. 2011.
- Abdelhakim Daoui, Clément Descamps, Rémy Marchal, Abdellatif Zerizer. Influence of veneer quality on beech lvl mechanical properties. Maderas. Ciencia y tecnología 13 (1): 69-83, 2011.
- S. Kennouche , A. Zerizer , R. Marchal, A. Aknouche, and A. Daoui,» Resistance to Crack Propagation of Algerian Wood « Leonardo Journal of Sciences, Issue 19, July-December 2011 p. 69-80
- Mehena Qualit et al. Performance and Analysis of Concrete in Sewer Environment: Anisotropy of Damage, Applied Mechanics and Materials, 146, 147, December, 2011.
- A. Ayadi, N. Stiti, K. Boumchedda, H. Rennai, Y. Lerari Elaboration and characterization of porous granules based on waste glass Powder Technology 208 (2011) 423–426 .
- Chaid R., Jauberthie R., Zeghiche J. et Kherchi F., « Impact de la poudre de marbre conjuguée au calcaire du CEM II sur la durabilité du béton », Revue : European Journal of Environmental and Civil Engineering, vol 15/3, p. 427-445, mars 2011.
- Talah A., Kharchi F. and Chaid R., » Contribution of natural pozzolana to durability of high performance concrete in chloride environment », Revue : Indian Concrete Journal, vol. 85, n° 6, Rs. 65, p. 39-46, juin 2011.
- Redjem Belouettar, J. R. Klepaczko & M. T. Abadlia »Etude du comportement mécanique du béton cellulaire autoclaveé: influence de la vitesse de déformation» Revue Française de Génie Civil Volume 5, Issue 5, 2001, 05 Oct 2011, pp 667-675.
- A. Ayadi, N. Stiti, F. Benhaoua, K. Boumchedda, Y. Lerari, Elaboration and characterization of a foam glass based on cullet with addition of soluble silicates Journal of American Institute of Physics, Volume 1315, (2011) pp. 1505-1510.
- A. Ayadi, N. Stiti, F. Benhaoua, Y. Lerari, R. Benzerga, L. Legendre Elaboration and characterization of foam glass based waste Asian Journal of Chemistry Vol.23, 8 (2011) 3384–3386 .

- Bouziani Tayeb, Benmounah Abdelbaki, Bederina Madani and Lamara Mohamed, " Effect of Marble Powder on the Properties of Self-Compacting Sand Concrete", The Open Construction and Building Technology Journal, Vol. 5, (May 2011), pp 25-29.
- N. Ouslimani, F. Zibouche, A. Iratni, M. T. Abadlia. Adsorption of Yellow Bemacid CM-3R dye from Aqueous Solutions onto Raw and Sodium Bentonite Asian Journal of Chemistry. Volume 23 N°12 November 2011.
- F. Kezzoula, Abaidia et al . Aluminium-induced crystallization of amorphous silicon films deposited by DC magnetron sputtering on glasses. Applied surface science, vol 257, Issues 23 pages 9689-9693 septembre 2011.
- Saidi M., Safi B., Benmounah A. and Aribi C. " Effect of size and stacking of glass fibers on the mechanical properties of the fiber-reinforced- mortars (FRMs) International Journal of the Physical Sciences Vol. 6(7), pp. 1569-1582, 4 April, 2011 ;2011/ Academic Journals
- Safi B.; Benmounah, A. & Saidi, M.; "Rheology and zeta potential of cement pastes containing calcined silt and ground granulated blast--furnace slag". Materiales de Construcción, Vol. 61, N°303 (2011), pp : 353-370,

Année 2010 :

- T Bouziani, Z Makhloufi, A Benmounah, M Bédérina », Evaluation de la thixotropie des ciments destinés à la cimentation des puits de pétrole dans les zones à pertes: Effet de plâtre et du laitier de hauts fourneaux» Revue des sciences fondamentales et appliquées, Vol.2 N° .2 (2010), pp 84-96.
- B. Safi, A. Benmounah, M. Saidi and D. Aboutaleb »Effect of Calcined Silt on the Rheological Behaviour of Cement Pastes of the Self Compacting Concrete SC». European Journal of Scientific Research, 40(2), (2010), 287-296.
- Mohamed Khodja, Jean Paul Canselier, Faiza Bergaya, Karim Fourar, M, Abdelbaki Benmounah, Shale problems and water-based drilling fluid optimisation in the Hassi Messaoud Algerian oil field, Applied Clay Science, Volume 49, Issue 4, August 2010, Pages 383-393. Elsevier top25.sciencedirect.com
- M. Saidi, M. Hamiane, A. Benmounah, B. Safi- Optimization of the process of cooking and drying of brick; International scientific journal for alternative energy and ecology. ISJAE 12 (92)2010
- M. Saidi, M. Hamiane, B. Safi and A. Benmounah, Development and Structural Study of Cements Containing Additions of Industrial Waste,. European Journal of Scientific Research, 40(2), 297-306, (2010).
- Abdallah MIR, Redouane Zitoune, Francis Collombet, and Boudjema Bezzazi. Study of Mechanical and Thermomechanical Properties of Jute/Epoxy Composite Laminate. Journal of Reinforced Plastics and Composites vol. 29 N°11, 2010.p.1669-1680.
- S. Benbelaid, M. A. Belouchrani, Y. Assoul, and B. Bezzazi. Modeling Damage of the Hydrogen Enhanced Localized Plasticity in Stress Corrosion Cracking. International Journal of Damage Mechanics first published on June 3, 2010 .

- K. Boumchedda,, A. Ayadi, T. Aouaroun, G. Fantozzi “Study of vibratory behavior of interconnected porous pzt by impulse method”, Journal European Ceramic Society 30 (2010) 101-105.
- N.Abderahim Mahinded, M.Hamiane. Identification of Mortars in the ottoman Era in Algeria through historical documentation and laboratory. RILEM Publications PP((257-265), 2010.
- M.Hamiane, S.Aitouakli, L.Boumghar, W.Zekagh, M.Saidi. Design of jointing Mortar compatible with Masonry of the villa Maheddine of the ottoman Era. RILEM Publications PP (1023-1033), 2010.
- L.S.Guebboub, A.Ayadi, A.Hamlaoui, M.Hamiane; Etude portant sur les altérations et la restauration du verre Archéologique. Bulletin de l’association Française pour l’Archéologie du verre, pp (159-165) ,2010.
- M. Tazrout, MT Abadlia, A. Oudia. Collapse Reconditioning of Eucalyptus Camaldulensis Dehn from Algeria (Arboretum Bainem), Firenze University Press. 2010.
- M. S. Mansour, A. Abadlia, K.Bekkour: « Effet de la pouzzolane sur le comportement rhéologique des pâtes cimentaires », 9ème Colloque International de Rhéologie et ses Applications, Revue de mécanique appliquée et théorique, spécial numéro, vol. 2, 3. 255-263 (2010)
- Linda Loucif Seiad, Didier Villemin, Nathalie Bar, and Messaoud Hachemi. Solvent-Free Condensation of Methyl Pyridinium and Quinolinium Salts with Aldehydes Catalyzed by DBU Synthetic Communications.
- M. S. Mansour, M. T. Abadlia, K. Bekkour. “Improvement of rheological behaviour of cement pastes by incorporating metakaolin”. European Journal of Scientific Research (EJSR), Vol 42, Issue 3. 2010.
- Chaid R., Jauberthie R. Et Boukhari A., » Effet de l’ajout calcaire sur la durabilité des bétons », Revue : Lebanese Science Journal, Vol. 11, No. 1, p. 91-103, 2010
- Djamilia Aboutaleb, Aicha. Iratni, B. Safi; »Ostwald ripening phenomena in B2O2-PbO glass system» Asian journal of chemistry 2009, Vol 22; N°3 (2010).
- Abaidia et al, Aluminium-induced crystallization of amorphous silicon films deposited by DC magnetron sputtering on glasses, Applied Surface Science, 2010,
- Abaidia et al, Unfolding of neutron energy spectra with fisher regularization, IEEE Transction on nuclear science, vol.57 n°2, 2010.

Année 2009 :

- Benmounah, M.Saidi, R.Kheribet, M.Samar, M .Debiane. “Effets des sulfates sur le comportement rhéologique des pâtes cimentaires”, 19e Congrès Français de mécanique 2009- Marseille du 24 au 28 Aout 2009. Section rhéologie et fluides complexes, université de Provence, Marseille.-France.
- Bezazi A., El Mahi A., Berthelot J.-M. & B. Bezzazi. Experimental analysis of behavior and damage of sandwich composite materials in 3-point bending. Part 2. Fatigue test results and damage mechanisms. « Strength of Materials », Vol.41. N°3, Juin, 2009.p.257-267.

- Y. Benlatreche, C. Nouveau, R. Marchal, J-P F. Martins, H. Aknouche ; "Applications of CrAlN ternary System in N WOOD machining Of medium density fibreboard (MDF)", *Wear*. Volume 267, Issues 5-8, 15 June 2009, Pages 1056-1061.
- Aknouche H; Outahyon A; Nouveau C; Marchal R; Zerizer A; Butaud J. C. Tool wear effect on cutting forces: In routing process of Aleppo pine wood. *Journal of materials processing technology*; 2009, vol. 209, no6, pp. 2918-2922 [5page(s)] .
- Yacine Benlatreche, Corinne Nouveau,* Hamid Aknouche, Luc Imhoff, Nicolas Martin, Joseph Gavaille, Christophe Rousselot, Jean-Yves Rauch, David Pilloud " Physical and Mechanical Properties of CrAlN and CrSiN Ternary Systems for Wood Machining Applications". *Plasma Process. Polym.* Volume 6 (2009) ; pp 114- 117.
- Abdelhakim Daoui, Clément DESCAMPS, Rémy MARCHAL, Abdellatif ZERIZER » influence of lathe checks on beech lvl mechanical properties « *Concepción-CHILIE*, Mai 2011. *Maderas. Ciencia y tecnología Concepción*, 19/12/10, Rubén A. Ananias Scisearch. Scopus. Cas. Csa. Scielo 2009 Impact Factor: 0.367 .
- Malek Ammar, Hachemi Messaoud, Villemin Didier / New approach of depollution of solid chromium leather waste by the use of organic chelates. *Economical and environmental impacts. Journal of Hazardous Materials*. 170 (2009) 156-162. 2009.
- M. Tazrout, M.T. Abadlia et P. Perre : « Caractérisation du comportement mécanique différé du bois d'Eucalyptus camaldulensis Dehnh vert provenant de Boudouaou (Algérie) à haute température (120 °C) », *Revue, Matériaux & Techniques* 97, 181–188 (2009), EDP Sciences.
- Fatima Zibouche, Hacène Kerdjoudj, Jean-Baptiste d'Espinose, Henri Van Damme. *Geopolymers from Algerian metakaolin. Influence of secondary minerals. Applied Clay Sciences*. Vol 43, Issue 3-4,
- Mars Slimani, A. Iratni, J.-N. Chazalviel, N. Gabouze, F. Ozanam. *Experimental study of macropore formation in p-type silicon in a fluoride solution and the transition between macropore formation and electropolishing. Electrochimica Acta Journal*: 2009, vol. 54, no11, pp. 3139-3144.
- H.Belkhafa, R.Tala Ighil, S.Sali, S.kermmadi, S.Sili, M.Boumaour, F.Tayour, F.Ait Amar et Si Ahmed : « Effet du recuit de la métallisation par sérigraphie sur les propriétés optiques des couches minces de ZnO déposées par spray. « *Revue des Energies Renouvelables* Vol.12 N°3(2009) 347-354 46
- Abaidia et al, *Elaboration and structural analysis of TiN coating on steel and Titanium alloy substrates, International Review of PHYSICS*, 2009.

Année 2008 :

- D. Aboutaleb, A. Iratni and B. Safi; *Effect of isothermal heat treatment time on structural transformation and crystallization of B2O3-PbO glass, Matériaux & Techniques* Vol. 96, 4-5, pp. 181 – 187,(2008).
- Slimani A, A. Iratnia, et all. *Experimental study of macropore formation in p-type silicon in a fluoride solution and the transition between macropore formation and electropolishing, Electrochimica Acta,, Elsevier*, 2008.

- H. Aknouche, A. Outahyon, C. Zerizer and J.C. Tool wear effect on cutting forces: In routing process of Aleppo pine wood, *Journal of Materials Processing Technology*, 2008.
- Bouhafs, Moussi, Boumaour, Abaidia, Mahiou. N+ silicon solar cells emitters realized using phosphoric acid as doping source in a spray, *Thin solid films*,
- Abaidia et al.; Structural Study And Optical Properties Of TiO₂Thin Films Elaborated By Thermal Oxidation Of RF Magnetron Sputtered Ti Films, *Laser and Plasma Applications in Materials, Science*, 2008 American Institute of Physics 978-0-7354-0575-2/08/\$23.00.
- H. Aknouche, A. Zerizer, B. Chemani. Influence de L'angle d'inclinaison des cannelures sur le comportement à L'usure des cylindres broyeurs de blé, *European Journal of Scientific Research*, Vol.19 No.2 pp.215-221, (2008).
- Malek A; M. Hachemi. Effet of the detoxification on the shrinkage temperature and pH of chromium leather waste, another promising way for the tannery pollution, *American journal of Applied Science* 5 , 2008.
- Daoui A. Zerizer A. R. Marchal. Determination of elasticity modulus of Aleppo pine wood (*Pinus halepensis* mill.) with the ultrasound methods/ *ProLigno* 2008 Issue 4 / Scientific Article, Vol. 4. nr 4. December 2008.
- Malek A; M. Hachemi. New approach of solid leather waste depollution by the use of organic chelating economic and environmental impacts, *Journal of hazardous materials*. Elsevier , 2008.
- Ghernouti Y, Ait tahar K. «Multiple confinements of concrete columns by various embedded composite grids », *Journal of reinforced plastics and composites- SAGE Publications* /2008.
- Fatima Zibouche, Hacène Kerdjoudj, Jean-Baptiste d'Espinose, H. Van Damme. Geopolymers from Algerian metakaolin. Influence of secondary minerals *Applied Clay Science*, Volume 43, Issues 3-4Pages 453-458, (2008).
- Malek A; M. Hachemi. Chemical coagulation /Floculation treatment of chemical mechanical polishing (CMP) wastewater from photovoltaic industry. Accepted manuscript. *Journal of Hazardous materials*, 2008.

Année 2007 :

- Chaîd R., Jauberthie R., Abadlia M-T. et Bali A. « Caractéristiques physico-mécaniques et microstructurale des BHP de laitier », *Revue : Annales du Bâtiment et des Travaux Publics*, Édition ESKA, Avril - Juin 2007, N° 2- 3, p. 49-56.
- D.Bouhafs¹, A Moussi¹, M Boumaour¹, S E K Abaïdia, L Mahiou¹ and A Messaoud. Influence of the organic solvents on the properties of the phosphoric acid dopant emulsion deposited on multicrystalline silicon wafers. *Journal of physics D: Applied Physics*. 40 (2007) 2728–2731. Published 19 April 2007.

- D Bouhafs1, S. Abaidia et all. Organic solvents on the phosphoric acid dopant on multicrystalline, J. Phys. D: Appl. Phys. 40 2728–2731; Journal of physics D: Applied Physics, (2007).
- D.Bouhafs1, M Boumaour1, a Moussi1, S E K Abaïdia and L Mahiou1. 10x10 cm² multicrystalline silicon solar cells realised with H₃PO₄_2 butanol emulsion as phosphorous doping source. Journal of the association of arab universities for basic and applied sciences, 2007.
- Bezazi, a El Mahi, J.M. Berthelot, B Bezzazi. Experimental analysis of behavior and damage of sandwich composite materials in three point bending. Part 1. Static tests and stiffness degradation at failure studies. Journal, strength of materials. Vol. 39, N°2, Mars 2007.
- Boumchedda K., M. Hamadi, G. Fantozzi. Properties of a hydrophone produced with porous PZT ceramic; Journal European Ceramic Society 27 4169-4171, (2007).
- Zerizer A et all: "Experimental Method for determining fracture Parameters of Glued Wood: Case of MDF" Proligno Scientific journal in the field of the wood Vol. 3. No 2. 2007
- Zerizer A et all " valorisation du bois de pin d'Alep par déroulage : optimisation de son étuvage" Revue bois et forêts des tropiques, N° 294 (4) (51, 65), 2007.
- Dehmous H, Welmane H, Karama.M, Ait tahar.k. "Reliability approach for fibre-reinforced composite design", International Journal for simulation and multidisciplinary design optimization, IJSMDO//ISI/02, vol 2 p1-9 Ed. EDP, 2007.
- Zerizer A et all "Liaison entre effort de coupe, densité et états de surface de quelques composites à base de bois" Mécanique & Industries 7.521-526(2006) publié en ligne le 21 Mars 2007.
- Dehmous H, Welmane H, Karama.M, Ait tahar.k. "Reliability approach for fibre-reinforced composite design",International Journal for simulation and multidisciplinary design optimization, IJSMDO/2007/ISI/02, vol 2 p1-9
- Hamiane Messaoud. Caractérisation des mortiers archéologiques, le cas des sites historiques de Djemila et de la citadelle d'Alger). Rehiabimed en ligne.2007.
- Chaid R, Abadlia M-T et all. Apport des fillers calcaires à la durabilité des BHP en milieu sulfatique. Revue: Matériaux & Techniques, EDP - sciences,

Année 2006 :

- Zerizer A, Ouis D. Modeling rot in wood by replacement of wood with sand: an experiemental method. Journal of wood science (2006) Volume 52, Number 3, The Japan wood research Society, 2006.
- F. Zibouche, H.Kerdjoudj. Rheological Properties of the Tamazert's Kaolin; European Journal of Scientific Research, Vol.13 N°1 (2006), pp. 22-30; EuroJournals publishing, Inc.2006.

- R.Tala –Ighil, M. Boumaour, M.S. Belkaid, A. Malleme, K. Melhani and A. Iratni « High temperature annealing of sprayed SnO₂. F layers in a silicon solar cell process with screen-printed contacts, Solar Energy Matrail and Solar Cells 901797-1814, (2006).
- R. Tala-Ighil, M. Boumaour, A. Iratni, A. Maallemi, The effet of CO reducing atmosphere on the structural and optical properties of SnO₂: F films deposited on a Si(N+)/Si(P): Journal 2006.
- Zerizer et P. Martin. Liaisons entre effort de coupe, densité et états de surface de quelques composites à base de bois. Mécanique & Industries 7. 521-526 (2006).
- D. Djenane, A. Meddahi, P. Roncalès. Les systèmes antioxydants et antimicrobiens pour la conservation de la viande» Antimicrobial and antioxidant systems for meat preservation. Édition Lavoisier, revue sciences des aliments, pp 37-73. VOL 26/1–10 janvier 2006.
- H. Chemani, J-P Bonnet, M. Nabiev. Elaboration et caractérisation de poudres SnO₂ formées à partir de solutions concentrées et diluées d'acide perchlorique. Silicates industriels, Vol 71 N° 11-12, 197-2003, 2006,
- H. Chemani, J-P Bonnet. Influence de l'ajout de frittage (Fe₂O₃) sur l'évolution morphologique et microstructurale des poudres céramiques SnO₂. L'industrie céramique & verrière N° 1005, 86-93. Mars-Avril 2006.

Année 2005 :

- Zerizer A, Martin P. "Connection between cutting pressures, density and surfaces qualities of some wood containing composites" EJSR European Journal of scientific research Vol.7 N°5, 2005
- Abaïdia S, Kezoula F, Guitoum A. Journal of vacuum science technology. A35-2260, 2005.
- Abaïdia S, Kadi A, Kezoula F. Thin Film science, 47,135, 2005.
- A.Zerizer et P. Martin. « Etude des efforts de coupe et de l'état de surface en toupillage: European Journal of Scientific Research, Volume.7, N°5, 2005.
- K. Boumcheda, J. Paletto, A., G. Fantozzi. Study of proprieties of porous piezoelectric ceramics and impregnated with polymer. J. Phys. IV France 123 (2005) 171-176.
- Azzedine Ayadi. The durability of alkali-resistant glass fibres in cement matrix, Journal de physique 123 (2005), 155-158, EDP Sciences
- Ayadi A. Palou M. The durability of glass fibers in ciment matrix. Journal de physique, France, 2005.

Année 2004 :

- K. Boumchedda, M.T. Abadlia, A. Kondratas, G. Fantozzi. Elaboration and parameter analysis of porous PZT piezoelectric ceramics, Nr.1 (45), 2004.
- Chaid R.abah. Influence of a natural pozzolana on the properties of high performance mortar «, Indian Concrete Journal, 78 (8) 22–26, 2004.

- H. Chemani. Valorisation des déchets de lampes d'éclairage public et de néons dans les pâtes de carreaux de faïence. L'Industrie céramiques et verrière, N°995, 60-65, juillet-Août 2004.
- Azzedine Ayadi. Elaboration et caractérisation d'un verre mousse à base de calcin, Journal Verre, France-, vol 10, n° 2 – mai, p 68-71 , 2004
- Ait Tahar K., M. Karama, B. Bezzazi, Dehmous H., A. Kondratas. The Influence of Fiber and Combinaison on Rupture Stress and on Elasticity Modulus of Hybrid Composite Material. « Mechanika. Nr. 5(49). p.25 –30,2004.
- K. Khider, D.E Akretche, A. Larbot. Purification of water effluent from a milk factory by ultrafiltration using Algerian clay support. Desalination 167 (2004) 147-152.
- Abaïdia S, Kezoula F, Guitoum A. Journal of vacuum science technology. A35-2260, 2005
- Abaïdia S, Kadi A, Kezoula F. Thin Film science, 47,135, 2005.

Année 2003 :

- Azzedine Ayadi, Martin Palou, Aicha Iratni. Silica fume treatment for Improving durability of Alkali-resistant glass fibres in cement matrixes. "Journal of Solid State Phenomena, Volume 90-91, p 209-214, 2003.
- M. Palou, A. Ayadi, J.Mayling, M. Drabik. Ettring & its chromate analogue, structure and thermal stability."Journal of Solid State Phenomena" Volume90-91, p395-401, 2003.Trans Tech Publications Ltd, Brandrain 6, CH-8707.
- Bezzazi B., Amrouni F., Bezazi A., El Mahi A., Kondratas A. Analysis of Elastoplastic Behaviour of the Chain Linear Link in Chain Coupling. The international journal « Mechanika. 2003, Nr. 2(40). P.25 –30.
- Bezzazi B., Amrouni F., Bezazi A., El Mahi A., Kondratas A. Elastoplastic Behaviour Modeling of the Chain Linear Link in Assembly Process. The international journal « Mechanika. 2003, Nr. 1(39). P.21 –26.
- Bezazi A., El-Mahi A., Berthelot J.M., Bezzazi B. « Flexural fatigue behavior of cross-ply laminates.An experimental approach. The international journal « Strength of Materials «N° 2, (March-April) 2003, p.149 - 161.
- Hachemi M. Synthesis of methylen thermochromic compounds under microwaves. Journal of Chemical Research, Volume 2003, Number 7, July 2003.
- Bezazi A., El-Mahi A., Berthelot J.M., Bezzazi B. Soprativlenie oustalosti perekresno-armirovannikh laminatob pri izguibe.The international journal "Problemi prochnosti" N°2, p.66-83, 2003.
- Zerizer A, Mansseri A. "Usinabilité et qualification des états de surface du chêne zeen Algérien (Quercus Canariensis Willd) : cas de la station de beni ghobri, wilaya de Tizi Ouzou, Revue Sciences & Technologie, N°19 (2003). Pp. 76-80.
- Zerizer A, P.Martin, C. Sales, P.Tribolot: Edge machinability of MDF, effect on surface quality and consequence for gluing. Revue Sciences & Technologie de l'Université Mentouri de Constantine. N°20, Décembre 2003.

- Hachemi M. A easy synthesis of thermochromic ethylenes under microwaves. Journal of Chemical Research. 260, (2003).
- Abaidia S., Wiedenmann A. "Exelfs analysis of AlN structure", Journal Physica B., 2003.
- Abaidia S., Blizak S., Wiedenmann A. X-ray reflectometry charaterisation of thin amorphous multilayers", Journal Physica B, 2003.

Année2001 :

- Abadlia M-T., Bellouetar R., Clepaczko J.R., « Etude du comportement mécanique du béton cellulaire autoclavé: influence de la vitesse de déformation », Revue française de génie civil, Vol 5, N°5, Paris, France, (2001).
- Hachemi M., « Cesium fluoride on calsium oxide as a strongly basic catalyst. Synthesis of flavones and Tabacco alcaloids », React.Kinet.Catal.Leter, Vol 72, N°1, pp. 3-10, (2001).
- Ait-tahar K., « Mode de rupture par flexion des poutres composites en béton de fibres », Annales de l' I.T.B.T.P, N°4, Paris, France, (2001).
- Hachemi M., Djenane M., « Récupération de déchets de peaux brutes algériennes et leur valorisation dans l'industrie papetière », Revue I.D.C. 02. pp. 37-43. France, (2001).

Année 2000 :

- Ayadi A., « Industry of glass in Algeria, J. of Glass and Ceramic », Czech Republic-4, (2000).
- Hachemi M., « Liquid and solid acids as catalysts for the Thiele-Winter reaction of Menadiome », Journal research (S) 356-358, (2000).
- Ait-tahar K., « Etude expérimentale des poutres combinées en béton de fibres », Annales de l' I.T.B.T.P, N°3, Paris, France, (2000).

Publications nationales :

Année 2014 :

- Belkacemi C., Bezzazi B. » Elaboration et caractérisation quasi statique d'un composite stratifié Jute/Polyester. » Journal of Materials, Processes and Environment, Vol.2 (01) (2014). pp 87-91.

Année 2013 :

- Benbelaid S., Bezzazi B. » Effet de l'évolution de la fissuration transversale sur l'endommagement de stratifiés composites croisés [0/90]s. » Journal of Materials, Processes and Environment. Vol.1 (02) (2013). pp 100-105.
- Kennouche S., Zerizer A., Sitouah N., Aknouche A., Mothe F. » Caractérisation des bois de chêne Algériens par Scanner tomographique à rayons X et logiciel libre Image-J. » Journal of Materials, , Processes and Environment Vol.1 (02) (2013). pp 142-146

- F. Zibouche, N Boudissa, A. Irekti, M.T. Abadlia, « Géopolymérisation d'aluminosilicates. Influence des rapports Silice/Alumine. » *Journal of Materials, Processes and Environment*, Vol.1 (02) (2013). pp 147-156.
- Zibouche F, A.Ferna'ndez - Jime'nez, N. Boudissa, A.Palomo, M.T Abadlia," Hybrid cements from metakaolin, slag and clinker mixtures. Influence of activators" *Journal of Materials, Processes and Environment*, Vol.1 (01) (2013). pp 13-17.
- Halimi R., Bezzazi B., Badidibouda A., Satour A., Aribi C,"Inspection of laminated composite materials by two ultrasonic techniques " *Journal of Materials, Processes and Environment* Vol.1 (01) (2013). pp 05-08.
- Djadi. A, Bouzid. M, Guechtoulli. S. " Conception et réalisation d'un laveur désinfecteur d'endoscop ". *Journal of Materials, Processes and Environment*, Vol.1 (01) (2013). pp 18-23.
- Bouzid. M, Djadi. A, Guechtoulli. S, F, Halouane. F. " Approche globale et approche ciblée dans la gestion des effluents hospitaliers. Application centre de transfusion sanguine, laboratoire sérologie, CHU de Blida". *Journal of Materials, Processes and Environment* Vol.1 (01) (2013). pp 39-43.
- Bousalah-Boubechiche.D, Ait Ahsene-Aissat.F, Hachemi M. " Elimination des métaux lourds en vue de la valorisation des boues d'épuration chimique des eaux usées de traitement de surface (cas de BCR)". *Journal of Materials, Processes and Environment* Vol.1 (01). pp 48-51, (2013).
- Lakreb. N, Bezzazi B. " Etude et analyse du comportement mécanique d'une structure Sandwich à âme multicouches en liège". *Journal of Materials, Processes and Environment* Vol.1 (01) (2013). pp 52-61.
- Hami B., Irekti A., Bezzazi B - Etude du comportement au choc d'un Matériau Composite renforcé par des Fibres de Verre. *Journal of Materials, Processes and Environment* , Vol.1 (01) (2013) pp 57-59.
- Aboutaleb D., Safi B., BenhaouaF." Preparation and characterization of B2O3- BaO-Al2O3 (BBA) glass system". *Journal of Materials, Processes and Environment* , Vol.1 (01) (2013) pp 62-66.
- Irekti A., Hami B., Aribi C., Abadlia M.T." Static and cyclic behavior of concrete reinforced with materials composite". *Journal of Materials, Processes and Environment* ,Vol.1 (01) (2013). pp 67-72.
- Hanafi Y., Baddari K., Szymczyk A., Zibouche F. "Caractérisation de la densité de charge de surface de membranes nanoporeuses". *Journal of Materials, Processes and Environment* , Vol.1 (01) (2013).pp 73-76.

Année 2012 :

- Chaid R., Bali A., Jauberthie R., Talah A., « comportement des BHP de laitier en milieu sulfatique », *Revue : Synthèse*, n° 24, p. 91-99, avril 2012.

Année 2010 :

- Chaid R., Jauberthie R., Talah A. Et Abadlia M-T., « Fluage, retrait et microstructure des BHP de pouzzolane naturelle de Beni-Saf », Algérie Équipement, n°47, p. 28-34, Mai 2010.
- Chaid R., Abadlia M-T., Bali A. Et Jauberthie R., « Résistance chimique des BHP conservés dans l'eau séléniteuse », Revue : Sciences, Technologies & Développement, ADRU, n°6, volume 1, p. 245-258, 2010.
- Chaid R., Jauberthie R., Talah A. Et Abadlia M-T., » Fluage, retrait et microstructure des BHP de pouzzolane naturelle de Beni-Saf », Algérie Équipement, n°47, p. 28-34, Mai 2010.
- Chaid R., Abadlia M-T., Bali A. Et Jauberthie R., « Résistance chimique des BHP conservés dans l'eau séléniteuse », Revue : Sciences, Technologies & Développement, ADRU, n°6, volume 1, p. 245-258, 2010.
- Abaidia et al. Corrections des cartographies des flux de neutrons obtenues avec les détecteurs solides de traces nucléaires, Algerian Revue of Nuclear Sciences, Vol.8, N°1&2, 2010.

Année 2009 :

- A .Benmounah, M Samar, A.Daoudi, R. Kheribet, M. Debiane, M. Saidi/ Influence de la nature des superplastifiants sur le comportement rhéologiques des pâtes cimentaires: application a la formulation des bétons autoplaçants .Bulletin du Centre d'études et de services technologiques de l'industrie des matériaux de construction CETIM NO 15 Décembre 2009.
- A. Benmounah, M Samar, R.Kheribet M.Saidi Comportement rhéologiques des pâtes cimentaires pour bétons autoplaçants, Revue NATEC N° 1 JUIN 2009, 260-270.
- Chaid R., Jauberthie R., Abadlia M-T. et Bali A., » Etude expérimentale de la durabilité des BHP aux ajouts cimentaires locaux », Revue : Sciences & Technologie, B – N°27, p. 55-60, Juin (2008).
- Guiciouer D, Ait tahar K, Caractérisation expérimentale d'un béton de structure composite hybride. revue Equipement Algérie, N° 43 Décembre 2007, pp 32-37,
- Chaid R., Bali A., Abadlia M-T. et Jauberthie R., » Influence des cycles immersion - séchage sur la durabilité des BHP de fines calcaires », Revue : Algérie Equipement, Ecole Nationale des Travaux Publics, n°42, décembre 2006, p. 7-9.

Année 2008 :

- B. Hachemane, B. Bezzazi, » Influence du chargement cyclique en flexion 3-points sur le comportement d'un matériau composite ». Algerian Journal of Advanced Materials5, 491, Novembre 2008.

Année 2004 :

- Chaid R, Abadlia MT, Bali A, Jauberthie R, » Formulation des bétons de hautes performances avec des ajouts cimentaires», Revue : Algérie Equipement, n°38, , p. 3-7, janvier 2004.

Année 2003 :

- Ait-tahar K., Gabi S, bellakrouf A.»Portance des fondations des ouvrages portuaires en caissons cylindriques de grand diamètre», Revue Algérie- Equipement, juillet 2003.

Directeur : **NOUR Abdelkader**

Grade : **Professeur**

Adresse : **Département Maintenance Industrielle, Faculté des Sciences de l'Ingénieur, Université M'hamed Bougara, Avenue de l'Indépendance, 35000 - Boumerdès**

Téléphone/ Fax : **024-91-30-99**

E-Mail : abdelkader_nour@hotmail.com

Publications Internationales

Année 2015

- H. Mechakra, A. Nour, S. Lecheb, A. Chellil. Mechanical characterizations of composite material with short Alfa fibers reinforcement. *Composite Structures*, Elsevier, *Composite Structures*, Volume 124, Pages 152-162, June 2015.
- Ferhat Bekhoucha Said Rechak, Laëtitia Duigou, Jean-Marc Cadou. Branch switching at Hopf bifurcation analysis via asymptotic numerical method: Application to nonlinear free vibrations of rotating beams. *Communications in Nonlinear Science and Numerical Simulation*, Elsevier, Volume 22, Issues 1–3, May 2015, Pages 716-730.

Année 2014

- T. Settet, A. Nour, H. Zahloul, H. Naceur. Evaluation of Damage and Fracture Mechanisms of Different Characteristic Honeycomb Structures Under Thermomechanical Loading. *Mechanics of Composite Materials* .November 2014, Volume 50, Issue 5, pp 647-660, Springer.
- S. Aguib, A. Nour, H. Zahloul, G. Bossis, Y. Chevalier, P. Lançon. Dynamic behavior analysis of a magnetorheological elastomer sandwich plate. *International Journal of Mechanical Sciences*, Volume 87, October 2014, Pages 118-136, Elsevier (7^{ème} sur les 25 top articles 2014).
- A. Chellil, A. Nour, S. Lecheb, M. Chibani, H. Kebir, « Parameter identification of crack growth in helicopter blade », *Key Engineering Materials*, 1013-9826 Vols. 577-578 (2014) pp 673-676.
- S. Lecheb, A. Nour, A. Chellil, R. Lechani, H. Kebir, « Dynamic behavior to fatigue crack initiation of a glass/epoxy laminate », *Key Engineering Materials*, 1013-9826, Vols. 577-578 (2014) pp 677-680.

- S. Lecheb, A. Nour, A. Chellil, R. Lechani, H.Kebir, « Dynamic behavior to fatigue crack initiation of a glass/epoxy laminate », Key Engineering Materials, Vols. 577-578 (2014) pp 677-680, 2014.
- M. Boussaid, Y. Boulaadjoul, M. Hedibel and T. Loulou, Fast Identification Method of Total Normal Surface Absorptances Using Inverse Techniques, Heat Transfer Engineering, 2014.
- S. Lecheb, A. Nour, A. Chellil, H.Mechakra, A.Amarache, H.Kebir, « An Advanced Dynamic Repair of Edge Crack Aluminum Plate with a Composite Patch », Materials Science Forum, , Vols. 794-796 (2014) pp 716-721, 2014.
- A.Chellil, A. Nour, S. Lecheb, H. Mechakra, L.Addar, H. Kebir; « Mechanical Characteristics on Fatigue Crack Propagation in Aluminium Plate», International Journal of Mechanical, Industrial Science and Engineering, Vol:8 No:5, p966-969, 2014.
- S. Lecheb, A. Nour, A.Chellil, H. Mechakra, N.Hamad, H. Kebir; « Stress Intensity Factor for Dynamic Cracking of Composite Material by X-FEM Method», International Journal of Mathematical, Computational Science and Engineering, Vol:8 No:5, pp495-501, 2014.
- A. Chellil, A. Nour, S. Lecheb, H. Mechakra, A. Bouderberba, H. Kebir, «Numerical Study for Structural Design of Composite Rotor with Crack Initiation», International Journal of Mechanical, Aerospace, Industrial and Mechatronics Engineering Vol:8 No:12, pp1905-1908, 2014.
- S. Lecheb, A. Nour, A.Chellil, H. Mechakra, N. Tchina, H. Kebir; « Behavior Fatigue Life of Wind Turbine Rotor with Longitudinal Crack Growth»: International Journal of Mechanical, Aerospace, Industrial and Mechatronics Engineering, Accepted paper, 2014.
- Rachid Tiberkak, Mourad Bachene and Said Rechak. Effect of crack on the impact response of plates by the extended finite element method (X-FEM). Journal of Mechanical Science and Technology 28 (6) (2014) 2243~2252.

Année 2013

- A. Chellil, A. Nour, S. Lecheb, H. Kebir, Y. Chevalier, «Impact of the fuselage damping characteristics and the blade rigidity on the stability of helicopter», Journal Aerospace Science and Technology, Volume 29, Issue 1, Pages 235–252, 2013.
- A. Chellil, A. Nour, S. Lecheb, M.Chibani, H. Kebir, «Numerical stress and fatigue behavior of a helicopter blade by modal analysis» Design and Modeling of Mechanical Systems, Springer Link, pp 175-180, 2013.
- S. Lecheb, A. Nour, A. Chellil, S.Sam, D.Belmiloud, H. Kebir, « Prediction life of horizontal rotors by natural frequency evolution » Design and Modeling of Mechanical Systems, Springer Link, pp 105-110, 2013.

- S. Lecheb, A. Nour, A.Chellil, M.Basta, D.Belmiloud H. Kebir;, «An Adaptive Dynamic Fracture for 3D Fatigue Crack Growth using X-FEM», Journal of word academy of Science Engineering and Technology, volume 78, p1979-1985, 2013.
- A. Chellil, A.T.Settet, S.Lecheb, A. Nour , A.Yahiaoui, H.Kebir, « Aeroelastic stability analysis of composite rotor blade, Page(s):1 - 4, 2013.
- S.Lecheb,T.Djedid, A. Chellil, A. Nour, M.Cherigui, H.Kebir, «crack initiation and vibration prediction life of turbine blade», Page(s): 1 - 6, 2013.
- T. Benkedjouh, K. Medjaher, N. Zerhouni, S. Rechak. Remaining useful life estimation based on nonlinear feature reduction and support vector regression. Engineering Applications of Artificial Intelligence, Elsevier, Volume 26, Issue 7, August 2013, Pages 1751-1760.
- Chellil, A. Nour, S.Lecheb, M.Chibani, H.Kebir, « Parameter identification of crack growth in helicopter blade », Key Engineering Materials, 1013-9826 Vols. 577-578 (2014) pp 673-676.
- S. Lecheb, A. Nour, A. Chellil, R. Lechani, H.Kebir, « Dynamic behavior to fatigue crack initiation of a glass/epoxy laminate », Key Engineering Materials, 1013-9826, Vols. 577-578 (2014) pp 677-680.
- R. Renane, K. Chetehouna, O. Séro-Guillaume, A. Nour, S. Rudz. Numerical simulations of laminar burning velocities of a major volatile organic compound involved in accelerating forest. Elsevier, Applied Thermal Engineering, Volume 51, Issues 1–2, March 2013, Pages 670-676.
- A. Chellil, A. Nour, S. Lecheb,M.Chibani, H. Kebir, «Numerical stress and fatigue behavior of a helicopter blade by modal analysis» Design and Modeling of Mechanical Systems, Springer Link, 978-3-642-37143-1, pp 175-180, 2013.
- S. Lecheb, A. Nour, A. Chellil, S.Sam, D.Belmiloud, H. Kebir, « Prediction life of horizontal rotors by natural frequency evolution « Design and Modeling of Mechanical Systems, Springer Link, 978-3-642-37143-1, pp 105-110, 2013.
- S. Lecheb, A. Nour, A.Chellil, M.Basta, D.Belmiloud H. Kebir;, «An Adaptive Dynamic Fracture for 3D Fatigue Crack Growth using X-FEM», Journal of word academy of Science Engineering and Technology, volume 78, p1979-1985, 2013.
- A. Chellil, A.T.Settet, S.Lecheb, A. Nour , A.Yahiaoui, H.Kebir, « Aeroelastic stability analysis of composite rotor blade », IEEE Conference Publications, , Page(s):1 - 4, 2013.
- Hamid Boutoutaou, Mohamed Bouaziz, Jean-François Fontaine. Modelling of interference fits with taking into account surfaces roughness with homogenization technique. International Journal of Mechanical Sciences, Elsevier, Volume 69, April 2013, Pages 21-31.

- S.Lecheb, T.Djedid, A. Chellil, A. Nour, M.Cherigui, H.Kebir, «crack initiation and vibration prediction life of turbine blade», IEEE Conference Publications, , Page(s): 1 - 6, 2013.
- Y. Mebarki, S. Rechak, D. Marc, A. Maslouhi. Effect of interfacial powder on mechanical properties of composites under dynamic tests. Journal of the Brazilian Society of Mechanical Sciences and Engineering . October 2014, Volume 36, Issue 4, pp 939-949. Springer.
- T. Benkedjough, K. Medjaher, N. Zerhouni, S. Rechak. Health assessment and life prediction of cutting tools based on support vector regression. Journal of Intelligent Manufacturing .April 2013 Springer.
- Ferhat Bekhoucha, Said Rechak, Laëtitia Duigou, Jean-Marc Cadou Nonlinear forced vibrations of rotating anisotropic beams. Nonlinear Dynamics ., Volume 74, Issue 4, pp 1281-1296. Springer. December 2013.

Année 2012

- Mohamed Boufenar, Said Rechak, Mohamed Rezig. Time-Frequency Analysis Techniques Review and Their Application on Roller Bearings Prognostics. Condition Monitoring of Machinery in Non-Stationary Operations 2012, pp 239-246.

Année 2011

- Nour, Samir Lecheb, Nouredine Chikh and M. Ouali Si-Chaïb. Thermomechanical material parameters characterization of the superalloy PN 3601669-7 under low-velocity impacts, Springer, 2011. Journal of Mechanical Science and Technology 25 (7) (2011) .
- R. Renane, O. Serro-Guillaume, A. Nour, R. Allouche. Simulation and analysis of the structure of laminar premixed flame. Advance Materials Recherche Vol.274(2011)pp. 23-32©(2011) .
- M. O. Si-chaib, H. Djelouah and A. Nour. Study of Shear Ultrasonic Waves Propagating in Materials under Static Uniaxial Loadings. 2010 Blackwell Publishing Ltd j Strain (2010).x. Strain: An International Journal for Experimental Mechanics.
- H. Boutoutaou, M. Bouaziz, J.F. Fontaine. Modeling of interference fits taking form defects of the surfaces in contact into account. Materials & Design, Elsevier, Volume 32, Issue 7, August 2011, Pages 3692-3701.
- Bensefia, M. Boussaid and T. Loulou Optimal Heat Input for estimating Luikov's parameters in a heat and mass transfer problem, Numerical Heat Transfer, Part B, Fundamental, 2011.
- Mohand Said Lounici, Khaled Loubar, Mourad Balistrrou, Mohand Tazerout Investigation on heat transfer evaluation for a more efficient two-zone combustion

model in the case of natural gas SI engines, *Applied Thermal Engineering*, Volume 31, Issues 2–3, February 2011, Pages 319-328.

Année 2010

- B.K. Hachi, Y. Belkacemi, S. Rechak, M. Haboussi, M. Taghite. Fatigue growth prediction of elliptical cracks in welded joint structure: Hybrid and energy density approach. Original Research Article *Theoretical and Applied Fracture Mechanics*, Volume 54, Issue 1, August 2010, Pages 11-18.
- N. Amoura, H. Kebir, S. Rechak, J.M. Roelandt Axisymmetric and two-dimensional crack identification using boundary elements and coupled quasi-random downhill simplex algorithms. Original Research Article. *Engineering Analysis with Boundary Elements*, Volume 34, Issue 6, and Pages 611-618, June 2010.
- Mouloud Boumahdi, Jean-Paul Dron, Saïd Rechak, Olivier Cousinard. On the extraction of rules in the identification of bearing defects in rotating machinery using decision tree. Original Research Article. *Expert Systems with Applications*, Volume 37, Issue 8, August 2010, Pages 5887-5894.
- Hadiouche, K. Mansouri. Application of integral transform technique to the transient laminar flow heat transfer in the ducts, , *International Journal of Thermal Sciences* 49 (2010) 10–22, Elsevier.

Année 2009

- R. Tiberkak, M. Bachene, B.K. Hachi, S. Rechak, M. Haboussi. Dynamic Response of Cracked Plate Subjected to Impact Loading Using the Extended Finite Element Method (X-FEM). *Damage and Fracture Mechanics* ., pp 297-306, Springer,2009.
- B. K. Hachi, S. Rechak, M. Haboussi, M. Taghite, G. Maurice. Analysis of Elliptical Cracks in Static and in Fatigue by Hybridization of Green's Functions. *Damage and Fracture Mechanics*, pp 375-385. Springer,2009.
- M. Bachene, R. Tiberkak, S. Rechak. Vibration analysis of cracked plates using the extended finite element method. *Archive of Applied Mechanics*. March 2009, Volume 79, Issue 3, pp 249-262. Springer.
- M. Bachene, R. Tiberkak, S. Rechak, G. Maurice, B. K. Hachi. Enriched Finite Element for Modal Analysis of Cracked Plates. *Damage and Fracture Mechanics* . pp 463-471. Springer, 2009.
- N. Amoura, H. Kebir, S. Rechak, J. M. Roelandt. Numerical Simulation of the Behaviour of Cracks in Axisymmetric Structures by the Dual Boundary Element Method. *Damage and Fracture Mechanics* . 2009, pp 435-443. Springer.

- B. Sahli & L. Bencheikh, "A Criterion of Optimization of a Modified Fundamental Solution for Two Dimensional Elastic Waves", *Int. J. Open Problems Compt. Math.*, Vol. 2, No. 1, March 2009.

Année 2008

- Brahim El Khalil Hachi Said Rechak, Mohamed Haboussi, M'barek Taghite, Gérard Maurice. Fatigue growth of embedded elliptical cracks using Paris-type law in a hybrid weight function approach. Original Research Article. *Comptes Rendus Mécanique*, Volume 336, Issue 4, Pages 390-397, April 2008. Elsevier.
- R. Tiberkak, M. Bachene, S. Rechak, B. Necib. Damage prediction in composite plates subjected to low velocity impact. Original Research Article. *Composite Structures*, Volume 83, Issue 1, March 2008, Pages 73-82. Elsevier.
- R. SACI & A. KOUADRI Vortex Breakdown Control in Confined Swirling Flows, *Mécanique & Industries*; Vol.9, pp51-58, (2008).

Année 2007

- B.K. Hachi, S. Rechak, M. Haboussi, M. Taghite, G. Maurice. Computation of stress intensity factor in cracked plates under bending in static and fatigue by a hybrid method. Original Research Article. *International Journal of Fatigue*, Volume 29, Issues 9–11, September–November 2007, Pages 1904-1912.

Année 2006

- Nour, Y. Chevalier, S. Aguib and N. Chikh. Kinematics influence on the vibrations of stratified plates, 4020-4994-3, 2006, Springer.
- Brahim El Khalil Hachi Said Rechak, Mohamed Haboussi, M'barek Taghite. Modélisation de fissures elliptiques internes par hybridation de fonctions de poids. Original Research Article. *Comptes Rendus Mécanique*, Volume 334, Issue 1, January 2006, Pages 83-90.
- Nour, Nouredine Chikh, Mohamed Saïd Bouamrene and Med O. Si-Chaib. Influence of Frahm's damping on the vibroacoustic characteristics of a rotor structure. 2006., pp 157.
- A.Nour, N. Chikh, M. S. Bouamrene and M. O. Si-Chaib. Thermodynamic shock characterization of the superalloy. pp.167.2006.
- M.O. Si-Chaib, H. Djelouah, A. Nour and M. Bocquet. Propagation of ultrasonic waves in isotropic materials under axial elastic stresses. pp152, 2006.

Année 2005

- Brahim El Khalil Hachi Said Rechak, Yacine Belkacemi, Gérard Maurice. Modelling of elliptical cracks in an infinite body and in a pressurized cylinder by a hybrid weight function approach. Original Research Article. International Journal of Pressure Vessels and Piping, Volume 82, Issue 12, Pages 917-924, December 2005.

Année 2004

- Mohamed Hadid, Said Rechak, Abdelouahab Tati. Long-term bending creep behavior prediction of injection molded composite using stress–time correspondence principle. Original Research Article. *Materials Science and Engineering: A*, Volume 385, Issues 1–2, 15 November 2004, Pages 54-58.

Année 2003

- Nour A. Tazrouti H. Ouragh Y. Identification of parameters W_0 , n , and D of Dubinin Radushkevich equation. V/31 /N°3, (2003), pp. 245-258, IJMEE. The international journal of Mechanical Engineering Education.
- Nour, Y, ouragh. H Tazerouti. Dynamic behaviour of clapper anti return, V17 /N°5, pp 13555-1145. (2003). Mechanical systems and signal processing MSSP, Elsevier.
- Abdelkader Nour, Youssef Ouragh, Hamoud Tazrouti. Comportement dynamique du clapet anti-retour à battant. N°2 /V3, Issue 3 (2003), Elsevier.

Publications Nationales :

Année 2010 :

- Med.O. Si-Chaib, M.S. Bouamrene, A. Guebla, A. Nour. Evaluation ultrasonore de revêtements par projection thermique. Revue ANDRU. 2010.

Année 2009 :

- Med O Si-Chaib, A. Yahiaoui, B Necib, A. Nour, S RECHAK. Analyse par la transformée d'ondelettes de delamination et porosité dans les composites stratifiés.. *Sciences & Technologie B* – N°30, Décembre (2009), 17-24. © Université Mentouri, Constantine, Algérie, 2009.

Directeur : LOUHAB Krim

Grade : Professeur

Adresse : Faculté des sciences de l'ingénieur, Université M'hamed Bougarra, Avenue de l'Indépendance 3500 Boumerdès

Tel/Fax: 024-91-11-16

E-mail :lablrta2014@yahoo.fr

Site web: <http://lrta.dz>

Publications Internationales :

Année 2015

- F. Abed, K. Louhab « Adsorption of methyleneblue (MB) from aqueous solution using mixed sorbents prepared from Date pit and Olive stone » International Letters of Chemistry, Physics and Astronomy Vol. 51 (2015) pp 94-104 .
- S. Boughrara, M. Chedri, K. Louhab « Evaluation of environmental impact of cement production in Algeria using life cycle assessment » International Letters of Chemistry, Physics and Astronomy Vol. 45 (2015) pp 79-84 Online: 2015-01-20 © (2015) SciPress Ltd., Switzerland
- H. Babaci, H. Aksas, K. Louhab "Kinetics and thermodynamics of Bezaktiv Yellow HE-4G on mixture of date pits and olive stone from aqueous solution » International Letters of Chemistry, Physics and Astronomy Vol. 45 , pp 1-15, SciPress Ltd., Switzerland, (2015)
- S. Boughrara, H. aksas, N. Babakhoya, K. Louhab, "Analyses of the Life Cycle Impact Assessment of Pharmaceutical Product Inventories", International Letters of Natural Sciences Vol. 40 (2015) pp 24-29 Online: 2015-05-17 © (2015) SciPress Ltd., Switzerland.
- H. Babaci, H. Aksas and K. Louhab « Adsorption of Chromium Ions from Aqueous Solution Using Mixed Sorbents Prepared from Olive Stone and Date Pit » Asian Journal of Chemistry; Vol. 24, No. 11 (2015), 4991-4994
- Cherk D. and Louhab K « Biodegradation of diclofenac: A review Biodegradation of diclofenac: A review » « Research Journal of Chemistry and Environment Vol. 19(10) October (2015).
- Cherifi-Naci H. ; Louhab K. ; Aksas H « Elimination of Copper (II) in Aqueous Solution by Adsorption on a Pillared Clay with Polycations of Aluminum and Iron « Research Journal of Chemistry and Environment Vol. 19(1) January (2015).
- D. Cherk, M. Benall, K. Louhab « Occurrence, ecotoxicology, removal of diclofenac by adsorption on activated carbon and biodegradation and its effect on bacterial community: A review » World Scientific News 16 116-144, (2015).

- H. Aksas, H. Babaci, K. Louhab « Comparative Study of Sorption of Cr Ions and DyeBezaktivYellow HE-4G with the Use of Adsorbents Natural Mixture of Olive Stone and Date PitsfromAqueous Solution » International Journal of Environmental and Ecological Engineering Vol:2, No:12, 2015
- Amina ben bouabdallaha and nacer-eddinedjelali "adsorption of zinc and cadmium fromaqueous solutions using bentonite/polypyrrolecomposite", rev. roum. chim., , 60(4), 321-330,2015.
- Aksas H., Boureghda M.Z., Babaci H., Louhab K. "Kinetics and Thermodynamics of Cr Ions Sorption on Mixed Sorbentspreparedfrom Olive Stone and Date pit from Aqueous Solution" International Journal of Food and Biosystem Engineering. _ May 2015 _ Vol. 1, No. 1
- Tounsia Abbas-Aksil and Salem Benamara; " Modeling of the dissolution kinetics of Arbutus wild berries-based tablets as evaluated by electric conductivity" Sains Malaysiana, 44(2): 301-308, (2015).
- Yelles Fouzia, NouaniAbdelouahab, Kahlouche Amal andBelbraouet Slimane " Whey Ultrafiltration: Effect of pH on Permeate Flux and ProteinsRetention" World Applied Sciences Journal 33 (5): 744-751, 2015.
- N. Hachemi, A. Nouani, and A. Benchabane; " Bioconversion of Oranges Wastes for PectinaseProduction UsingAspergillus nigerunder Solid StateFermentation" International Journal of Biological, Biomolecular, Agricultural, Food and Biotechnological Engineering Vol: 9, No: 9, 2015.
- NouaniAbdelouahab, Belhamiche Nabila, SlamaniRoza, BelbraouetSlimane,Dako Etienne, Audet Pascal, Bellal Mohand Mouloud, " Molecular Weight Determination ofa Protease Extracted from *Mucor pusillus*: ComparisonMethods" Food and Nutrition Sciences, , 6, 348-354,2015.
- haderbache I. et a. mohammedi ; "Etude sur le comportement de consommation du miel en Algérie : attentes et préférences Honeyconsumptionbehaviors in Algeria: survey and expectations" Revue Agriculture. 09 19 – 24, (2015).

Année 2014

- Boughrara S., Aksas H., Louhab K. AND Chedri M « Comparative study of wet and dry process of cementmanufacturingusing Life Cycle Assessmentapproach « Research Journal of Chemistry and Environment Vol. 18(12) , (2014).
- F. Hamadi, K. Boudif, H. Gougam, A. Djouab, T. Allane, A. Benmounah, S. Benamara ; " Caractérisation d'une préparation semi-solide traditionnelle antibrûlure " Phytothérapie 12: 149-155, (2014).

- Mahmoud Trachi, Nassima Bourfis, Salem Benamara, Hassina Gougam ; "Préparation et caractérisation d'un charbon actif à partir de la coquille d'amande (*Prunus amygdalus*) amère" *BASE : Biotechnologie, Agronomie, Société et Environnement*, 18(4) : 492-502, (2014).
- Djemaa Megdoud, Messaoud Boudaa, Fatima Ouamrane, Salem Benamara ; " Influence of the compression force and powder particle size on some physical properties of date fruit (*Phoenixdactylifera*) tablets " *International Journal of Biological, Veterinary, Agricultural and Food Engineering*, 8(10): 1081-1085,(2014).
- S. Hemsas; H. Lounici; Z. Belkebir; K. Benrachedi; " Removal of dispersed dyes from aqueous solution using activated carbon prepared from olive stones" *Journal of agricultural science and technology A*, 414-421, (2014).
- AL.benrachedi; R.fegas; K.benrachedi, "An heterotrophic/autotrophic denitrification approach for nitrate removal from drinking water by alfa stems" *Journal of environmental science and engineering*, No.5B, Vol.3,2014 .
- Bensmail Souhila et al ; " optimization of milk-clotting protease production by a local isolate of *Aspergillus niger* FFB1 in solid-state fermentation " *Journal of Microbiology, Biotechnology and Food Sciences (JMBFS)*, Vol 4, N°5, p467-472, 2015.
- Amina Benhamoua (1)*, Fatiha Fazouane (1), Boumediene Benyoucef(2) ; " Simulation of solar dryer performances with forced convection experimentally proved" *Physics Procedia* 55 96 – 105(2014).
- K. Ait-kaci Aourahoun1*, F. Fazouane 1, T. Benayad2, Z. Bettache2, N. Denni2 ; " The synthetic antioxidant Butylated Hydroxytoluene, a naturally occurring constituent of the broom *Cytisustriflorus* L'Hérit" *Journal of Natural Products*, Vol. 7(2014): 58-64
- Latifa Haderbache and Arezki Mohammedi; "Characterization and Chemometrics Based-Approach to Classify Some Algerian Blossom Honeys" *Journal of Agricultural Science and Technology A* 4 576-584, (2014).
- L'hadi Nouria,*, Lakhdar Aboudaa, Jack Legrand ; " Estimation of the micromixing time in the torus reactor by the application of the incorporation model" *Chemical Engineering and Processing* 78 37–43, (2014).
- S. Yousfi, L. Nouri1, M. Saidani and H. Hadjab; " the use of the dreux-gorisse method in the preparation of concrete mixes: an automatic approach" *asian journal of civil engineering (bhrc)* vol. 15, no. 1 pages 79-93, (2014).
- K. Bousdira, L. Nouri, J. Legrand, Y. Bafouloulou, M. Abismail, H. Chekhar and M. Babahani ; " An overview of the chemical composition of phenolic olefin biomass fuel

in Guerrara oasis” ; Revue des Energies Renouvelables SIENR’14 Ghardaïa 99 – 108,(2014).

- Khalida Bousdira, L’hadi Nouri, and Jack Legrand “Chemical Characterization of Phoenicicole Biomass Fuel in Algerian Oasis: Deglet Nour and Ghars Cultivars Case” *Energy Fuels*, 28 (12), pp 7483–7493, 2014.

Année 2013

- L. Haderbache, M. Bousdira, A. Mohammedi. Ziziphus lotus and Euphorbia bupleuroïdes Algerian Honeys .*World Applied Sciences Journal*, 24 (11): 1536-1543, (2013).
- Djilali Larbaoui, Amel Meribai, Amel Kouidri, Amar KhODJA Mohamednadjib, Abdelouahab Nouani, Mohand Mouloud Bellal (2013). Influence of Dairy Cows Race and Diet on Milk Composition in Algeria. *Life Science Journal*, 10(4).
- The study of potable water treatment process in Algeria (boudouaou station) -by the application of life cycle assessment (LCA)
- Messaoud-Bouregghda Mohamed-Zine, Aksas Hamouche, Louhab Krim *Journal of Environmental Health Science and Engineering* 2013, 11:37 (19 December 2013)
- Comparative study of wet and dry process of cement manufacturing using Life Cycle Assessment approach Boughrara S.*, Aksas H., Louhab K. and Chedri M. *Research Journal of Chemistry and Environment* Vol. 18(12) December (2014).

Publications Nationales

- Boudjenah-Haroun S, Nouani A Adamou A, Baissa B, Mati A influence du regime alimentaire sur le contenu enzymatique de caillettes de dromadaires. *Revue des BioRessources* Vol 3 N 1, 58-67, (2013).

Laboratoire
Energétique, Mécanique et Ingenieries
Agréé en Mars 2010

Directeur: **BALISTROU Mourad**

Grade: **Maitre de Conférences Classe A**

Adresse: **Faculté des Sciences de l'Ingénieur, Université M'Hamed BOUGARA, Avenue de l'indépendance, 35000 – BOUMERDES**

Téléphone /Fax : **024 91 37 25**

E-Mail: lemi@..dz

Publications Internationales:

Année 2015:

- K.Mohammedi, Y.Smaili, M.Chala, A.Bouziane, D.Boudieb - ZIAD Project: Contribution to the Implementation of Zero Emissions Sustainable Industrial Parks in Algeria .International Journal of Multidisciplinary Thought (IJMT) 4 (4), 6, 2015.
- S.Boudaoud, A.Khellaf, K.Mohammedi, O. Behar - Thermal performance prediction and sensitivity analysis for future deployment of molten salt cavity receiver solar power plants in Algeria . Energy Conversion and Management 89, 655-664, 2015.

Année 2014:

- FZ Aouali, M Becherif, A Tabanjat, M Emzianec, K Mohammedi, S Krehid- Modelling and Experimental Analysis of a PEM Electrolyser Powered by a Solar Photovoltaic Panel . Energy Procedia 2014 (62), 714 – 722, 2014.
- Behar, A Khellaf, K Mohammedi, S Ait-KaciA review of integrated solar combined cycle system (ISCCS) with a parabolic trough technology Renewable and Sustainable Energy Reviews 39, 223-250 2014.
- S Berrazouane, K MohammediParameter Optimization via Cuckoo Optimization Algorithm of Fuzzy Controller for Energy Management of a Hybrid Power System Energy Conversion and Management 78, 652-660 2014.
- Benammar, A Khellaf, K MohammediContribution to the Modeling and Simulation of Solar Power Tower Plants using Energy Analysis Energy Conversion and Management 78 (february), 923–930,2014.
- M.S Lounici, K. Loubar, L. Tarabet, M. Balistrou, D. Niculescu, M. Tazerout Toward improvement of natural gas-diesel dual fuel mode : An experimental investigation on performance and exhaust emissions, Energy, Vol 64, PP. 200-211, 2014.

Année 2013:

- H.Mokhtari, I.Belaidi, Image super resolution using centralized sparse representation with bilinear interpolation, 2013.
- H.Regueb, K Mansouri, A numerical study of viscous dissipation effect on non-newtonian fluid flow inside elliptical duct, energy conversion and management, Vol.68, pp .124-132(2013).
- Benmessaoud T., Mohammedi K., Smaili Y. - Influence of Maintenance on the Performance of a Wind Farm, Przegląd Elektrotechniczny (Electrical Review), 2013.
- O. Behar, A. Khellaf and K. Mohammedi- A Review of Studies on Central Receiver Solar Thermal Power Plants, Renewable and Sustainable Energy Reviews, , vol. 23, Issue C, pages 12-39, 2013.
- K. Mohammedi, A. Talamali, Y. Smaili, I. Saadoun, A. Ait-Aider, Environmental impact of seawater desalination plants: case study in Algeria, American Journal of Environmental Protection 2 (6), 141-148, 2013.
- Boudieb D.; Mohammedi K.; Smaili Y.; Bouziane A. Interactive Website with Systems Analysis Environment for Prefeasibility Studies of Small Scale Water and Power Production units Integrating Renewable Energy. Journal of Water Resources and Ocean Science; 2(5): 62-67, 2013.
- Benamar S., Khellaf A., Mohammedi K. Contribution to the Modeling and Simulation of Solar Tower Power Plants using Energy Analysis. Energy Conversion and Management 78, 923–930, 2013.
- Berrezouane S., Mohammedi K.-Parameter optimization via Cuckoo Optimization Algorithm of Fuzzy Controller for Energy management of a Hybrid Power System. Energy Conversion and Management 2013; 78(2014): 652-660.
- Boudaoud S., Khellaf A., Mohammedi K., Solar Tower Implementation in Northern Algeria: Technico-Economic Assessment., 1-6, 2013.
- S Berrezouane, K Mohammedi, S Alem Design and optimal energy management strategy for stand-alone PV-battery-Diesel systems using cuckoo search algorithm IEEE, Systems and Control (ICSC), 2013 3rd International Conference on, 230-235 2013.
- A Atia, K Mohammedi Lattice Boltzmann Code for a Multiphase Fluid Flow through Reconstructed Porous Media International Journal of Mechanics and Energy 1 (1), 1-7, 2013.
- A Bouziane, K Mohammedi, RF Derbal, D Boudieb Alternative Solutions to the Transport of Renewable Hydrogen in Natural Gas Pipelines Academic Journal of Science 2 (2), 9-18, 2013.

- D Boudieb, K Mohammedi, M Bouamra, B Abdelkader Performance optimization Strategy for Hybrid Renewable Energy System Integrating PV-Wind-Diesel Academic Journal of Science 2 (2), 1-7, 2013.

Année 2012:

- Mokhtari, Belaidi, Alem, Berrazouane; Genetic algorithm for multi-objective optimization applied in high speed machining, Precision Instrument and Mechanology ,
- Belaidi, Mansouri, Maiza, Optimisation multi-objectif des paramètres de conception d'un robot delta dédié à l'usinage à grande vitesse ; Presse universitaire de Franche – Comté, ouvrage hors collection.
- Hamrani, Belaidi, Résolution de problèmes de distorsion en grande déformation dans les procédés de mise en forme des matériaux par la méthode EFG, Presse universitaire de Franche –Comté, ouvrage hors collection.
- S.Berrazouane, K.Mohammedi Hybrid system energy management and supervision based on fuzzy logic approach for electricity production in remote areas Renewable Energies and Vehicular Technology (REJET), 2012 First 2012.

Année 2011:

- Lounici M, Loubar K, Balistrrou M ;Investigation on heat transfer evaluation for a more efficient two-zone combustion model in the case of natural gas SI engines, Applied Thermal Engineering, ISSU 2-3 , Vol31,pp 219-328, (2011) .
- Mansouri, Hadiouche, Bechiri, Application of variational formulation to the periodic conjugated laminar forced convection within ducts, journal of enhanced heat transfer, vol 18, N°2, pp91-106 (2011).
- K Mohammedi, A Sadi, A Bouziane, D Boudieb Simulation and exergy analysis of a small scale seawater desalination/electricity production prototype powered with renewable energy International Journal of Thermal and Environmental Engineering, 2
- D Boudieb, K Mohammedi, A Bouziane, Y Smaili Optimization Techniques by Darwin Evolution Algorithms International Journal of Arts and Science 2011.
- Y Smaili, K Mohammedi' The Management of Wastewater in SME/SMI and the Environmental and Economic Benefit Realized through the Implementation of PREMA and Decision Support Approach 'Case Studies'' International Journal of Sustainable Water and Environmental Systems, 3 (2) 2011.
- Behar, A Khellaf, K Mohammedi, M Belhamel Instantaneous Performance of the First integrated Solar Combined Cycle System in Algeria Energy Procedia, 185-193.

Année 2010:

- Hadiouche, Mansouri, Analysis of the effects of inlet temperature frequency in fully developed laminar duct flow, journal of engineering physics and thermo physics, vol 83, N°2, pp380-392, (2010).
- Hadiouche, Mansouri, Application of integral transform technique to the transient laminar flow heat transfer in the ducts, international journal of thermal sciences, Vol 49, N°1, pp10-22, (2010).

Publications Nationales :

Année 2011 :

- S.Benammar, A.Khellaf, K.Mohammedi, A.Abdelmoumene Contribution à la surveillance des systèmes de production de l'énergie: application à une turbine à vapeur de la centrale thermique de Cap-Djinet Revue des Energies Renouvelables, 145-152

Laboratoire
Revêtement, Matériaux & Environnement
Agréé en Février 2001

Directeur : **SERIER-CHAOUI Aicha**

Grade : **Professeur**

Adresse: **Laboratoire des Revêtements, Matériaux et Environnement, Faculté des Sciences de l'Ingénieur - Université M'hamed Bougara, Boumerdes, 35000 - Algérie**

Téléphone /Fax: **(0) 24 91 15 05**

E-mail: **lrme_@yahoo.fr, serier_ac@yahoo.fr**

PUBLICATIONS

Publications Internationales:

Année 2015

- Belloul, N., Hamadache, H., Benyahia, A.A., Serier, A. Effect of the aggressive environment on the damage of glass polyester composite developed by hand layup process, *Advances in Materials Science and Engineering*,), Art. N° 207491, (2015).
- Lamia Timhadjelt, Aicha Serier, Naceur Belgacem and Julien Bras, Elaboration of cellulose based nanobiocomposite: Effect of cellulose nanocrystals surface treatment and interface melting, *Industrial Crops and Products* 7, pp. 7 (2015).
- H. Boussak, Characterization of porcelain tableware formulation containing bentonite clay, *Int. J. of physical sciences*, vol. 10 (1), pp 38-45, (2015).
- Belloul Nabila, Hamadache Hassiba, Ahmed Benyahia Ali, Serier Aicha, Degradation Mechanism of Glass/Polyester Composite Exposure to Acidic and Alkaline Solutions at Room Temperature, *Advanced Materials Research*; 1101 pp. 20-27, (2015).
- Karima Boumerdassi, Aicha Serier, New biodegradable material obtained by acid hydrolysis of starch followed by grafting of acrylamide in presence of bis-acrylamide, *Asian journal of chemistry*, vol. 28 N°1, 91-94 (2016).

Année 2014

- K.Laoubi, Z.Hamadi, Ali Ahmed Benyahia, A.Serier, Z.Azari «Thermal behavior of E-glass fiber-reinforced unsaturated polyester composites» *journal composites: Part B* 56 (2014) 520-526.

Année 2013

- Bras Julien ; Missoum Karim ; Martoia Florian; Timhadjelt Lamia ; Belgacem Naceur ; "Cellulose: derivatives reinforced with corresponding chemically modified nanofibrillated cellulose", 245th ACS National Meeting & Exposition, New Orleans, LA, United States, April 7-11, 2013, Pages CELL-213.

Année 2012

- Benalia Kouini and Aicha Serier «Properties of polypropylene/polyamide nanocomposites prepared by melt processing with a PP-g-MAH compatibilizer» materials and design Volume 34, February 2012, Pages 313-318
- Khedoudja Laoubi, Nabila Belloul, Ali Ahmed Benyahia, Aïcha Sérrier, Nourdine Ouali, Effects of Ageing in Marine Environment on Glass Fibre/Unsaturated Polyester Composite, Applied Mechanics and Materials vol. 146 pp. 51-63, (2012).

Année 2011

- F-Z. Ghomrani, S.Iftimie, N. Gabouze, A. Serier, M.Socol, A. Stanculescu, F. Sanchez,S Antohe, M.Girtan «Influence of Al Doping Agents Nature on the Physical Properties of Al:ZnO Films Deposited by Spin-Coating Technique, Optoelectronics and advanced materials» Rapid Communications 5 (3): 247 – 251, 2011.
- A.Boudiaf, Z. Aissani, A. Bentriou, «mechanical characteristics of linear asynchronous motor» // Electronics and electrical engineering, Kaunas: Technologija, 2011. N°4 (110), p.21-24.

Année 2009

- Kouini, M. Serier, S. Fellahi and A. Serier The effect of organoclay and compatibilizer on the mechanical properties and morphology of injection-molded polyamide 66 /polypropylene nanocomposites Journal of nanostructured polymers and nanocomposites, Vol.5, Issue 04,pp. 101-106, 2009.
- Boumerdassi K., Serier A., Timhadjelt L., Biodegradables composites : Preparation and characterization Journal of nanostructured polymers and nanocomposites (JNPN), Vol. 5 Issue 2, pp 30-36 (2009).
- Lamia Timhadjelt, Aicha Serier, Karima Boumerdassi, Mohamed Serier and Zoubir Aissani Modification of Cellulose for an Application in the Waste Water Treatment Damage and Fracture Mechanics, Failure Analysis of Engineering Materials and Structures, book chapter, Springer Science Eds, p. 531-538 (2009)
- Nabila Belloul, Ali Ahmed-Benyahia, Aicha Serier and Nourdine Ouali Effect of Temperature and Initiator on Glass Fibre/Unsaturated Polyester Composite: Cross-linking, Mechanical Properties Damage and Fracture Mechanics, Failure Analysis of Engineering Materials and Structures,book chapter, SpringerScienceEds,pp.497-504 (2009) .
- Benzekkour, N., Ghomrani, F.Z., Gabouze, N., Kermadi, S., Boumaour, M., Ferdjani, K. Formation of rough TiO₂ thin films on glass and porous silicon by sol-gel method, Materials Science Forum 609, pp. 139 (2009).
- **Sahmoune, MN**, “ Biosorption of Cr (III) from Aqueous Using Bacterium Biomass Streptomyce rimosus» Int. Journal of environmental research, vol.3 N°2, (2009).

Année 2008

- Timhadjelt L., Serier A., Serier M., Chemical modification of the cellulose for an application in the waste waters treatment, HBRC Journal, Vol 4, N°2, (2008) .
- Serier M., Haberschill., Thermodynamic Modelling of the Operation of an open refrigerating compressor European Journal of Scientific Research, Vol 24, N°2, pp.299-309 (2008) .
- M.N.Sahmoune « Chromium Biosorption by Waste Biomass of Streptomyces Rimosus Generated from the Antibiotic Industry» Journal of APPLIED Sciences Research, 4(9): 1076-1082 (2008).
- M.N.Sahmoune « Kinetic and equilibrium models for the biosorption of Cr(III) on streptomyces rimosus» Research journal of appl. Sci.3 (4) : 294-301, (2008).
- M.N.Sahmoune «The adsorption of chromium from aqueous solution using dead biomass» Environmental research journal 2 (5) : 254-260, (2008).

Année 2007

- Benlefki A. Valorisation of regenerated LDPE blending with EPDM in the presence of peroxide , Springer Journal of Polymers and the Environment, Vol 15, N°2, pp.119-124 (2007).
- F.Z. Ghomrani Vieillissement électrique du matériau haute densité chargé au noir de carbone (PEHD/NC) conducteur sous lumière UV Proceedings, colloque international sur les énergies renouvelables CER2007.

Nationales:

- Timhadjelt L., and Serier A., Adsorption de Cu(II), Cr(III) et S(II) par la cellulose modifiée, Revue Sci., Tec. et Dv, ANDRU – N°2, pp.80-88, (2007).



Faculté des Sciences

Université de Boumerdes
University of Boumerdes

Directeur : **AMRANI Moussa**

Grade : **professeur**

Adresse : **Faculté des Sciences, Université M'Hamed Bougara, avenue de l'indépendance,
35000- Boumerdes**

Téléphone /Fax: **(0) 24 79 90 05**

E.mail : **moussaamrani@yahoo.fr**

Publications Internationales :

Année 2015

- **ABBAS Moussa, C. Abdelhamid, K. Samia, A. Tounsia and T. Mohamed .Kinetic and Equilibrium Studies of Coomassie Blue G-250 Adsorption on Apricot Stone Activated Carbon. Journal of Environmental and Analytical Toxicology), 5:2, (2015).**
- **Moussa Abbas, Cherfi. Abdelhamid, Kaddour. Samia, Aksil Tounsia. Adsorption in simple batch experiments of Coomassie blue G-250 by apricot stone activated carbon-Kinetics and isotherms modeling. Desalination and Water Treatment 1-12, (2015).**
- **Moussa Abbas and Mohamed Trari. Kinetic, Equilibrium and Thermodynamic Study on the Removal of Congo Red from Aqueous Solutions by Adsorption onto Apricot Stone, Process Safety and Environment Protection V 98, 424 – 436,(2015).**

Année 2014 :

- **S. Bendou, M. Amrani, Investigation of the effects of hydrochloric acidmodification on the structural of Algerian-bentonite clay, ChemXpress 6(2), 37-46. 2014.**
- **S. Bendou, M. Amrani.Effect of Hydrochloric Acid on the Structural of Sodic-Bentonite Clay, Journal of Minerals and Materials Characterization and Engineering, 2, 404-413. , 2014.**
- **S.Maamri, M.Amrani, Biogas production from thermophilic digestion of waste activated sludge, Global science, 7(3), 92-98. 2014.**
- **S. Maamri, M. Amrani, Biogas production from waste activated sludge using cattle dung inoculums: Effect of total solid contents and kinetics study. The International Conference on Technologies and Materials for Renewable Energy, Environment and Sustainability, Tmrees14 , Euro-Mediterranean Institute for Sustainable Development (EUMISD), Beyrut, Liban, Energy Procedia 50 352 – 359, 2014.**

- M. Abbas, S. Kaddour, M. Trari, Kinetic and equilibrium studies of cobalt adsorption on apricot stone activated carbon. Journal of industrial and engineering chemistry, V 20, 747 – 751, 2014.
- S. Kaddour, M. Abbas, T. Aksil, A. Cherfi, Adsorption of the Coomassie Brilliant Blue (BBC) onto apricot stone activated carbon: Kinetic and Thermodynamic study. Journal of Biotechnology, V 185, S62, 2014.
- Behidj-Benyounes Nassima, Bissaad Fatma Zohra, Behidj Khadidja Kenza, Chebouti Nadjiba et Doumandji Salaheddine. Différences inter parcellaires des dégâts dus aux individus de *Passer domesticus* x *p. hispaniolensis* sur orge dans un milieu agricole près de Boudouaou. Lebanese Science Journal (Volume 15 Issue 1, 2014.
- Behidj-Benyounes Nassima, Dahmane Thoraya, Behidj Khadidja Kenza and Chebouti Nadjiba. Antibacterial and antifungal effects of flavonoïds isolated from *Crateagus oxyacantha* (L.) fruits in the north Algerian regions (Boumerdes and Bainem) 14thInternational Multidisciplinary Scientific GeoConference SGEM, Albena (Bulgarie). 231- 238,2014a.
- Behidj-Benyounes Nassima, Dahmane Thoraya, Behidj Khadidja Kenza, Chebouti Nadjiba and Henni Amina. Antimicrobial activity of oil extratedted from the almonds of the fruits of *Argania spinosa* in the west of Algeria (Mostaganem). 14thInternational Multidisciplinary Scientific GeoConference SGEM, Albena (Bulgarie). 239- 244, 2014.
- Chebouti Nadjiba, Merabet Amel, fares Amina, Gherzaoui D. and Behidj-Benyounes Nassima. Antimicrobial activity of essentiel oil of *Pistacia lentiscus* growing in forest of Boumerdes. 14thInternational Multidisciplinary Scientific GeoConference SGEM, Albena (Bulgarie). 313-318, 2014b.
- Chebouti Nadjiba, Merabet Amel, Behidj-Benyounes Nassima, Bissaad Fatma Zohra, mokadem Amina, and Akkacha Naima .. Antimicrobial activity of phenolic extracts of flowers *Calendula officinalis* cultivated in Algeria. 14thInternational Multidisciplinary Scientific GeoConference SGEM, Albena (Bulgarie). 319-324, 2014c.

Année 2013 :

- S. Kaddour, M. Abbas, M. Trari, Kinetic and equilibrium studies of cobalt adsorption on apricot stone activated carbon. Current Opinion in Biotechnology, V. 24, S67. 2013.
- O. Aoun, S. Benamara, L. Aberkane, N. Amrani, F. Dahmoune, K. Madani, 2013. Improvement of the diphenylamine-based spectrometric method for nitrate determination. Analytic methods. 5, 5830 – 5835.
- Behidj-Benyounes Nassima, Behidj Khedidja Kenza, BISSAAD Fatima Zohra, Chebouti, Nadjiba et Doumandji Salaheddine. Le suivi de la reproduction chez le moineau hybride *passer domesticus* x *p. hispaniolensis* dans un milieu agricole de la partie

extreme-orientale de la Mitidja. Bulletin de Société Zoologique de France. 2013, 138 (1-4).

- Behidj-Benyounes Nassima, Dahmane Thoraya. The antimicrobial effect of alkaloids (harmin, harmalin) extracted from *Peganum harmala* (L) seeds in the south of Algeria (Bousaada). Sustainable Environment and Agriculture. (Volume 57, 2013).
- Behidj-Benyounes Nassima, Dahmane Thoraya, Hassak Kahina and SLIMANI Fatima, 2013a. The antibacterial activity of flavonoïds extracted from *Crateagus oxyacantha* (L.) leaves of bainem (Algeria). 13thInternational Multidisciplinary Scientific GeoConference SGEM, Albena (Bulgarie). 288- 295.
- Behidj-Benyounes Nassima, Dahmane Thoraya, Hassak Kahina and Slimani Fatima 2013b. The antibacterial activity of flavonoïds extracted from *Crateagus oxyacantha* (L.) flowers of boumerdès (Algeria). 13thInternational Multidisciplinary Scientific GeoConference SGEM, Albena (Bulgarie). 296- 303.

Année 2012 :

- I.Rouabah, M. Amrani, 2012. Equilibrium modeling for adsorption of NO₃⁻ from aqueous solution on activated carbon produced from pomegranate peel, Advances in Environmental Research, 1(2), 143- 151.
- S. Benyoucef, M. Amrani, 2012. Adsorptive removal of phosphate from aqueous solution by chemically modified biosorbent, Desalination and Water Treatment, 44, 306 – 313
- S. Benamara, T. Aksil, A. Boukhiar, D. Megdoud, N. Iguergaziz, S. Boudiri; M. S. Galouz, W. Nakib, S; Rahal, 2012. Tableting: alternate way of valorization of agroressources. Therd international scientific symposium, agrosym Joharina .712 – 717.
- H. Amellal, S. Benamara, F. Halladj, M. Chibane, 2012. Characteristics and acceptance of yogurt containing pomegranate (*Punica granatum*) peel powder. Archives des sciences, V65, 289-300.

Année 2011 :

- S. Benyoucef, M. Amrani, 2011. Adsorption of phosphates ions onto low cost adsorbent-kinetic, thermodynamic and equilibrium studies, Desalination 275, 231 - 236.
- S. Benyoucef, M. Amrani, 2011. Removal of phosphorus from aqueous solution using chemically modified sawdust of Aleppo pine (*Punus Halepensis Miller*): Kinetics and isotherm studies. Environmentalist, 31 (3) 200 – 207.

- D.A.Benahmed, S.Benamara, N.Saidi, A.Meksoud, 2011. Preliminary characterization of food tablets from date (*Phoenix dactylifera L.*) and spirulina (*spirulina sp*) powders. Powder technology, 208 (8) 725 – 730.
- H. Amellal, S. Benamara, 2011. Total contents of major minerals in the nature yoghurt and in the yoghurt with the date powder of three dry varieties. American journal of food and nutriment, 1(2) 74 – 78.
- H. Amellal, F. Halladj, S. Benamara, M. Chibane, 2011. Characteristics and acceptance of yogurt containing powder of pomegranate (*punica granatum*) peel. International science and technology conference (Istec 2011), Istanbul, Turkey. Proceeding book, 124-128.
- Behidj-Benyounes Nassima, Doumandji Salaheddine, BEHIDJ et Khedidja Kenza. Estimate of damage from *Passer domesticus* × *P. hispaniolensis* on barley in eastern Mitidja. Les Cochenilles: ravageur principal ou secondaire. 9ème Conférence Internationale sur les Ravageurs en Agriculture, SupAgro, Montpellier, France, 25-27 octobre 2011 pp. 537-549.
- Milat-Bissaad Fatma Zohra, Behidj Nassima, Chebouti Nadjiba and Bahia Doumandji-Mitiche. Effect of Entomopathogenic Fungi *Beauveria bassiana* and *Metarhizium anisopliae* var. *acridum* on the Haemolymph of the Desert Locust *Schistocerca gregaria*. Tunisian Journal of Plant Protection. (Volume 6, Numéro 2, 2011).

Laboratoire
Conservation et des Ressources Biologiques

Agréé en Mars 2010

Directeur : **Mohammedi Arezki**

Grade : **Maître de conférences A**

Adresse : **Faculté des Sciences. Université M'hamed Bougara. Boumerdès**

Téléphone: **024 79 90 13**

Fax : **024 79 90 13**

E-Mail : arezmoh@yahoo.fr

Publications Internationales :

Année 2015 :

- Ourdia Zennouche Sadeddine, Nacereddine Benmeradi, Mokrane Iguer-ouada and Arezki Mohammedi; "Exploration of the structure and organization of the spermatozoa of honey bee queen *Apis mellifera intermissa* L in the spermathecae using a scanning electronic microscopy", *Journal of Apicultural Research* (sous presse), 2015.
- Oulebsir Mohand Kaci H, Ait Kaki S. Essential oils of two Algerian aromatic plants *Thymus vulgaris* and *Eucalyptus globulus* as Bio-insecticides against aphid *Myzus persicae* (Homoptera : Aphididae). *Wulfenia Journal*, 22(2): 185-197, 2015.
- Sissani I, Boutellis A, Ramdan A, Halouane F, Chahbar N et Bitam I, " Biological effect of the entomopathogenic fungus *metharizium anisopliae* variety *acidium* against the house-mosquito *culex pipiens* .*International Journal of Botany and Research (IJBR)* ,Vol. 4, Issue 3, Jun 2014, 31-38, 2015.
- Khemili-Talbi S., Kebbouche-Gana S., Akmoussi-Toumi S., Angar Y. and Gana M.L. Isolation of an extremely halophilic archaeon *Natrialba sp.* C21 able to degrade aromatic compounds and to produce stable biosurfactant at High Salinity. *Extremophiles*, (2015).
- AFIF CHAOUCHE Thanina, BENDAHOU Mourad and ARAB Karim. Antibacterial activity of two extracts from *Rubus fruticosus* L. against resistant pathogens and their antioxidant potential, *African Journal of Microbiology Research* Vol. 9(18), pp. 1255-1262, 2015.

Année 2014 :

- Latifa Haderbache, Arezki Mohammedi, «Characterization and Chemometrics Based-Approach to Classify Some Algerian Blossom Honeys”, Journal of Agricultural Science and Technology A 4 576-584, 2014.
- M. Bouzid, A. Djadib, C. Aribi, A. Irekti, B. Bezzazi, F. Halouene Multilayer System of Thermosetting Polymers and Specific Confining, Application to the Walls of the Hospital unit, The Journal of Materials Science, Photon 12, 175-184 Original Research Article, 2014.
- S. Khemili-Talbi, M.A. Zorgani, S. Kebbouche-Gana, A.-T. Sihem S.L. and N. Lenchi (2014) Homology modelling and bioinformatics analysis of haloarchaeal α -amylases: an overview of proteins haloadaptation and stability, Proceedings Book entitled "Industrial, medical and environmental applications of microorganisms. Current status and trends", Pp 606-612, 2014.
- Salima Kebbouche-Gana and Mohamed Lamine Gana Algerian Yeast Strains: Isolation, Identification and Production of Single Cell Protein from Whey with Strain *Candida kefyr*, *International Journal of Bioscience, Biochemistry and Bioinformatics* vol. 4, no. 3, pp. 160-165, (2014).
- K. Yahiaoui¹, K. Arab, M. Belhamra, S.J. Browne, J.-M. Boutin & A. Moali.. Habitat occupancy by European turtle doves (*Streptopelia turtur*) in the Isser Valley, Algeria. *Rev. Écol. (Terre Vie)*, vol. 69, 2014.
- Afif Chaouche Thanina, ARAB Karim, BENDAHOU Mourad. Phytochemical screening of Algerian *Borrigo officinalis* L and evaluation of its antioxidant and antimicrobial activities against respiratory pathogens. *International Journal of Phytomedicine* 6 (3) 369-376, 2014.
- Yahiaoui K., Arab K., Belhamra M., Browne S.J., Boutin J.-M. et Moali A., 2014- Habitat occupancy by European turtle doves (*Streptopelia turtur*) in the Isser Valley, Algeria. *Rev. Écol. (Terre Vie)*, 69: 234-246.
- S. Khemili-Talbi, M.A. Zorgani, S. Kebbouche-Gana, A.-T. Sihem S.L. and N. Lenchi, Homology modelling and bioinformatics analysis of haloarchaeal α -amylases: an overview of proteins haloadaptation and stability, Proceedings Book entitled «Industrial, medical and environmental applications of microorganisms. Current status and trends». Pp 606-612, 2014.
- Salima Kebbouche-Gana and Mohamed Lamine Gana, Algerian Yeast Strains: Isolation, Identification and Production of Single Cell Protein from Whey with Strain *Candida kefyr*, *International Journal of Bioscience, Biochemistry and Bioinformatics* vol. 4, no. 3, pp. 160-165,2014.

- Haderbache Latifa, Bousdira Mouna and Mohammedi Arezki 2013 Ziziphus lotus and Euphorbia bupleuroides Algerian honeys. World Applied Sciences Journal 24 (11): 1536-1543
- Latifa Haderbache and Arezki Mohammedi. 2014 Characterization and chemometrics Based-Approach to classify Some Algerian Blossom Honeys. Journal of Agricultural Science and Technology A.576-584.

Année 2013 :

- Halouane F., Bissaad F.Z., Doumandji-Mitiche B., Benzina F., Chahbar N and Hamid S.: Study of the effect of *Beauveria bassina* (Veuil.) on the biochemistry and structure of the cuticle of *Schistocerca gregaria* (Forsk.) Ann.Bio.Res Vol.4 Issue12, 2013
- Hamid S., Halouane F., Bissaad F.Z., et Benzina F.2013: Study about the effect of *Beauveria bassina* (VUILLEMIN IN 1912.) on the aquatic stages of *Culex pipiens* (LINNE, 1758). International Journal of Bio-Technology and Research (IJBTR) Vol.3, Issue 3, Aug 2013, 31-42.
- Messaoud-Bouregghda K., Messaoud-Bouregghda M.Z., Halouane F. 2013: Conception of hydrofiber wound dressing from cellulose of esparto. Research & reviews In Polymer (RRPL) 4(2), 2013 [37-44] .
- Nesrine Lenchi, Özgül İnceoğlu Salima Kebbouche-Gana, Mohamed Lamine Gana, Marc Llorís, Pierre Servais and Tamara García -Armisen (2013) Diversity of microbial communities in Algerian oilfields revealed by 16S amplicon 454 Pyrosequencing. PLoS ONE 8(6): e66588.
- Salima Kebbouche-Gana, Mohamed Lamine Gana, Imen Ferrioune, Souad Khemili, Nesrine Lenchi, Sihem Akmouci-Toumi, Nabila Amel Bouanane-Darenfed et Nacer-Eddine Djelali Production of biosurfactant on crude date syrup under saline conditions by entrapped cells of *Natrialba* sp. strain E21, an extremely halophilic bacterium isolated from a solar saltern (Ain Salah, Algeria), Extremophiles, Volume 17, Issue 6, pp 981-993, (2013).

Année 2012 :

- Mohandkaci H and Doumandji-Mitiche B., 2012. Evidence of the Entomopathogenic Capacity of *Bacillus sphaericus* against the Migratory Locust *Locusta migratoria* (Orthoptera: Acrididae). Entomologia Generalis. 33(4): 289-300. Stuttgart: 2011-12.

Année 2011 :

- Milat-Bissaad F.Z., Bounaceur F., Halouane F., Behidj N., Chebouti N. & Doumandji-Mitiche B., 2011 - Effect of Entomopathogenic Fungi *Beauveria bassiana* and *Metarhizium anisopliae* var. *acridum* on the Haemolymph of the Desert Locust *Schistocerca gregaria*. Tunisian Journal of Plant Protection, Vol. 6, No. 2 : 127-132.

- Gana M.L., Kebbouche-Gana S., Touzi A., Zorgani M.A., Pauss A, Lounici H. and Mameri N. (2011) Antagonistic activity of Bacillus sp. obtained from an Algerian oil field and chemical biocide THPS against Sulfate-Reducing Bacteria consortium inducing corrosion in the oil industry. *Journal of Industrial Microbiology and Biotechnology*, Volume 38: 391–404.
- Mansseri-Lamrioui A., Louerguioui A., Bonaly J., Yakoub-Bougdal S., Allili N. and Gana-Kebbouche S. (2011) Proliferation and rooting of wild cherry: The influence of cytokinin and auxin types and their concentration. *African Journal of Biotechnology* Vol. 10(43), pp. 8613-8624.
- Bouanane-Darenfed A., Fardeau M.L., Grégoire P., Joseph M., Kebbouche-Gana S., Benayad T., Hacene H., Cayol J.L. and Ollivier B.(2011) *Caldicoprobacter algeriensis* sp. nov. a New Thermophilic Anaerobic, Xylanolytic Bacterium Isolated from an Algerian Hot Spring, *Current Microbiology*, 62(3),pp-826-832 .

Année 2009:

- Kebbouche-Gana S., M. L. Gana, S. Khemili, F. Fazouane-Naimi, N. A. Bouanane, M. Penninckx and H. Hacene (2009); Isolation and characterization of halophilic Archaea able to produce biosurfactants. *Journal of Industrial Microbiology and Biotechnology*. Volume 36, Number 5, pp 727-738.

Publications Nationales

Année 2015:

- Haderbache L., Mohammedi A., Quality of imported honey marketed in Algeria. *J Fundam Appl Sci*. 7 (1) 139-149,2015.
- Haderbache L., A. Mohammedi, Etude sur le comportement de consommation du miel en Algérie : attentes et préférences. *Revue Agriculture*. 09. 19 – 24, 2015.
- Oulebsir Mohand Kaci H, Doumandji-Mitiche B et Behidj N. Evaluation de la toxicité de *Pseudomonas fluorescens* et *Bacillus sphaericus* à l'égard du criquet migrateur *Locusta migratoria* (Linné, 1758). *Revue « Nature & Technologie »*. B-Sciences Agronomiques et Biologiques, n° 12, pp 100-109, 2015.

Année 2014:

- Arab K., Bouchenak O., Yahiaoui K. 2014 Etude physico-chimique et évaluation de l'activité antibactérienne des huiles essentielles de la Sarriette des montagnes vis-à-vis des bactéries isolées des infections urinaires. *Revue Agriculture*.07. 12 – 19

- Arab K., Bouchenak O., Yahiaoui K., Etude phytochimique et évaluation de l'activité antimicrobienne et antioxydante de l'huile essentielle et des composés phénoliques du pistachier lentisque *Pistacia lentiscus* L. J Fundam Appl Sci. 6 (1) 79-93, 2014.
- Arab K., Bouchenak O. Et Yahiaoui K., - Phytochemical study and evaluation of antioxidant activity essential oil and phenolic compounds of Myrtle pistachio (*Pistacia lentiscus* L.). Journal of Fundamental and Applied Sciences, 6(1): 79-93,2014.
- Arab K., Bouchenak O. Et Yahiaoui K., - Etude physico-chimique et évaluation de l'activité antibactérienne des huiles essentielles de la Sarriette des montagnes vis-à-vis des bactéries isolées des infections urinaires. Revue Agriculture, 07: 12-19,2014.

Année 2011:

- Milat-Bissaad F.Z., Bounaceur F., Halouane F., Outtar F. et Doumandji-Mitiche B. Etude de l'effet de deux champignons entomopathogènes *Beauveria bassiana* et *Metarhizium anisopliae* var *acridum* sur le comportement alimentaire de *Schistocerca gregaria*. Algerian journal of arid environment, vol. 1, n° 2: 40-51. 2011.

Directeur : **MEZGHICHE Mohamed**

Grade : **Professeur**

Adresse : **Faculté des Sciences, Université M'hamed Bougara, Avenue de l'Indépendance,
35000- Boumerdes**

Téléphone /Fax : **024 79 90 14**

E-Mail : **mohamed-mezghiche@univ-boumerdes.dz**

Publications Internationales :

Année 2014 :

- Asma Khoudi, Ali Berrichi, Mourad Boudhar, Farouk Yalaoui. « Branch and bound algorithm to maximize the system availability in parallel machines scheduling problem ». COSI'2014, University of Bejaia, Algeria.
- DJ. Gaceb, V. eglin, Flebourgeois, H. Emptoz, « Classification of business documents for real time application ». Journal of Real-Time Image Processing, JRTIP, Springer. Special Issus 2014. V9 (2) PP. 329-345.
- H. Mansouri, M. Hamadouche & F. Youcef Ettoumi, « Influence of Ordered and Weighted analysis Windows on Detection in a CFAR Radar ». International Journal of Circuits, Systems and Signal Processing, Vol.8, 2014.
- K. Khaldi, K. Djeddour, S. Meddahi. « Comparison of Jump-Diffusion Parameters Using Passage Times Estimation ». Journal of Applied Mathematics. Vol.(2014), Article ID 975418, 5 pages.
- K. Khaldi, K. Djeddour, S. Meddahi. « First Passage Time Method Generalization for the Estimation of Stochastic Differential Equations Parameters ». European Journal of Scientific Research. Vol.119 N3, pp.489-496.
- Rabah IMACHE, Said IZZA, Mohamed Ahmed-Nacer, « Clustering based urbanization to improve enterprise information systems agility ». Accepted paper. To be published in: Enterprise Information Systems Journal Vol.xxx, Issue N° xxx, pp. xxx-xxx., (2014).

Année 2013 :

- S. Aggoune, R. Imache, A. Khadraoui and M. Mezghiche. « A Components Oriented Method for Evaluation of e-Government Information Systems Agility ». Research Journal of Recent Sciences, (2013). 2(7), 57-65.

- Ali Berrichi, F. Yalaoui. « Bi objective artificial immune algorithms to the joint production scheduling and maintenance planning problem ». Proceedings of 2013 IEEE International conference on Control, Decision and Information Technologies, CoDIT'2013, Hammamet, Tunisia, 6-8 mai 2013.
- Ali Berrichi, F. Yalaoui. « Métaheuristiques multiobjectifs pour l'ordonnancement conjoint de la production et de la maintenance ». Dans «Métaheuristiques pour l'ordonnancement de la production», Directeur de la collection Productique, Prof. Patrick SIARRY, Dr. Bassem Jarboui et Prof. Jacques TEGHEM. Chapitre de livre dans la collection IC2, Hermès - Lavoisier, 2013.
- Ali Berrichi, F. Yalaoui. « Multiobjective Metaheuristics for the joint production scheduling and maintenance planning ». In «Metaheuristics for production scheduling», 2013.
- Ali Berrichi, Farouk Yalaoui. « Efficient Bi Objective Ant Colony approach to minimize total tardiness and system unavailability for a parallel machine scheduling problem ». International Journal of Advanced Manufacturing Technology (Springer), 2013,
- D. Gaceb, Frank Lebourgeois, Duong Jean, « Adaptative Smart-Binarization Method for Images of Business Documents », Twelfth International Conference on Document Analysis and Recognition (ICDAR 2013), IEEE, Washington, USA, August 23-29th, pp. 118 – 122, 2013.
- DJ. Gaceb, V. Eglin, F Lebourgeois, « A New Mixed Binarization Method Used in A Real Time Application of Automatic Business Document and Postal Mail Sorting ». International journal IAJIT, mars 2013, vol.10 (2). pp. 179-188, Indexed by Thomson Reuters SC Index, Elsevier A&I, Ulrich's PD, DBLP, DOAJ, J-Gate and EBSCO).
- Frank Lebourgeois, D. Gaceb, Fadoua Drira, Duong JEAN, « Fast Integral MeanShift : Application to Color Segmentation of Document Images », Twelfth International Conference on Document Analysis and Recognition (ICDAR 2013), IEEE, Washington, USA, August 23-29th, 2013, pp. 52 - 56.
- H. Mansouri, M. Hamadouche & F. Youcef ETTOUMI, « Real Time Implementation On TMS320C6711 DSP Processor Of a new CFAR radar ». Signal Processing: An International Journal (SPIJ), Vol.7 Issue 11, June 2013.
- M.E.M Abdelaziz, T. CHONAVEL, A. AISSA-EL-BEY, A. BELOUHRANI & M. HAMADOUCHE « Sea Clutter Texture Estimation: Exploiting Decorrelation and Cyclostationarity ». IEEE Transaction on Aerospace and Electronic. (April 2013).
- Malika Ait Aider, Kamal Hammouche and Djamel GACEB, « Wavelet Feature Selection based on Support Vector Machine », Recent Advances In Systems Theory, Signal Processing And Computation, ED. WSEAS, Valencia, Spain. August 6-8, 2013, pp.29-35.

Année 2012 :

- S. Boukhenous, M. Attari, A. Kahla, A. R. Maouche, « Prototype motorisé pour la rééducation clinique de l'entorse de la cheville ». Biomedical Engineering International Conference 2012 (BIOMEIC'12), October 10-11, 2012. Tlemcen, Algeria.
- H. Daher, Dj. Gaceb, V. Eglin, N. Vincent, S. BRES, « D'une pondération automatique des caractéristiques des graphèmes à la création des Code Books », un nouveau point de vue dédié aux applications CBIR. Le dix-huitième congrès francophone sur la Reconnaissance des Formes et l'Intelligence Artificielle (RFIA'12), Janvier 2012, Lyon.
- H. Daher, Dj. Gaceb, V. Eglin, S. Bres, N. Vincent, « Dictionnaire de formes par pondération de caractéristiques : application à l'analyse de manuscrits ». Dans Colloque International Francophone sur l'Écrit et le Document 2012 (CIFED), Bordeaux. pp. 1-16. mars 2012.
- H. Daher, Dj. Gaceb, V. Eglin, S. Bres, N. Vincent, « Unsupervised categorization method of graphemes on handwritten manuscripts: application to style recognition ». Dans 19th Document Recognition and Retrieval Conference, DRR, SPIE, Burlingame ed. San Francisco, CA USA. pp. 9. 2012.
- Rabah Imache, Said Izza, Mohamed Ahmed-Nacer. « A simplified model for enterprise information system agility assessment ». (Janvier 2012). Computer Science and Information Systems journal.
- A. R. Maouche, M. Attari, « Adaptive cerebellar model articulation controller-nonlinear control system for flexible link manipulator ». Journal of Vibration and Control (JVC) 19 (14), 2109-2123, August 31, 2012.

Année 2011 :

- Soumia Aggoune, Rabah Imache, Abdelaziz Khadraoui, Mohamed Mezghiche. «Evaluation of e-Government Information Systems Agility in the Perspective of Sustainability». Conférence Internationale E-GOVIS – Toulouse, France; du 29 août au 2 septembre 2011, In Electronic Government and the Information Systems Perspective Lecture Notes in Computer Science, 2011, Volume 6866/2011, 315-329.
- Ali BERRICHI, F. YALAOUI, L. AMODEO. « Minimizing Total Tardiness and Unavailability Using Ant Colony Approach in Parallel Machine Shop ». INFORMS Annual meeting 2011, 13-16 Novembre 2011, Charlotte, USA.
- Ali BERRICHI, F. YALAOUI. « Hybrid particle swarm optimization to simultaneously minimize total tardiness and unavailability system in parallel machine scheduling ». International Conference on Operations Research (OR2011), 30 Août – 2 Sept. 2011, Zurich, Suisse.
- B. MAGAZ, A. BELOUHRANI, M. HAMADOUCHE « Automatic Order Selection for OS-CFAR Detection Improvement Under Severe Interference Situations Using

Information Theoretic Criteria », Progress in Electromagnetics Research B, Vol.30, 2011.

- B. MAGAZ, Adel BELOUHRANI, M. HAMADOUCHE. « A New Adaptive Linear Combined CFAR Detection In Presence of Interfere ring Targets », Progress in Electromagnetics Research B, Vol.34, 2011.
- C. TOURNEBIZE, D. GACEB, M.F. Le GOAZIOU, S. ERPELDINGER. « Analyse des thèses d'internes de médecine générale soutenues » à X de janvier 2008 à décembre 2010, Le congrès de CNGE Collège académique Bordeaux 24 et 25 novembre, 2011.
- H. BENDAOUZI, Z. IRKI, A. KHOUAS. « Une chaîne de traitement temps réel d'images sur FPGA », 7ème Conférence sur le Génie Électrique, CGE'07, Alger, 12-13 avril 2011.
- H. DAHER, DJ. GACEB, V. EGLIN, N. VINCENT, S. BRES. « Genetic Algorithm for Features Weighting and Automatic Parametrizing of the Classification Algorithm for Graphemes », The 2011 International Conference on Image Processing, Computer Vision, & Pattern Recognition, July 18-21, 2011, Las Vegas, Nevada, USA.
- K. KHALDI, S. MEDDAHI. « Parameter Estimation for Black-Scholes Equation » – ASMDA 2011 – Rome – Italie.
- V. EGLIN, DJ. GACEB, H. DAHER, S. BRES, N. VINCENT. « Outils d'analyse de la dynamique des écritures médiévales pour l'aide à l'expertise paléographique ». Revue Document Numérique 14 (Vol. 1):81-104, Ed. Lavoisier, 2011.

Année 2010 :

- A. KHOUAS. « Conception en vue du test des circuits intégrés », First Algerian Winter School on Smart Card, AWSSC'2010, Alger, Algérie, 19-23 décembre, 2010.
- Ali BERRICHI, Farouk YALAOUI, L. AMODEO, M. MEZGHICHE. « Bi-Objective Ant Colony Optimization approach to optimize production and maintenance scheduling ». Computers & Operations Research (Elsevier), 27(9),1584-96, 2010.
- M. CHAABANI, M. MEZGHICHE, M. STRECKER; « Vérification d'une méthode de preuve pour la logique de description ALC »; AFADL 2010 (Poitiers, France).
- DJ. GACEB, V. EGLIN, F. LEBOURGEOIS, H. EMPTOZ, « Robust Approach of Address Block Localization in Business Mail by Graph Coloring », International journal IAJIT 2010 (Indexed by Thomson Reuters SC Index, Elsevier A&I, Ulrich's PD, DBLP, DOAJ, J-Gate and EBSCO).

- H. DAHER, DJ. GACEB, V. EGLIN, S. BRES, N. VINCENT; « Ancient handwritings decomposition into graphemes and codebook generation based on Graph coloring », International Workshops on Frontiers in Handwriting Recognition (ICFHR), Kolkata, India, Nov 2010, pp. 119-124, ed. IEEE.
- H. DAHER, DJ. GACEB, V. EGLIN, S. BRES, N. VINCENT, « Décomposition des manuscrits anciens en graphèmes et construction des codes book basée sur la coloration de graphe, COmpression et REprésentation des Signaux Audiovisuels (CORESA) », Lyon, Oct 2010, pp.6.
- H.E. Benseddik, M. Hamadouche, A. Khouas, « Design and Implementation of a Configurable Real-Time FPGA Based Clutter Map CFAR Detector with Noncoherent Integration », Deuxième Conférence Internationale on « Image And Signal Processing And Their Applications », ISPA 2010, Université Mohamed Khider de Biskra, 6-8 Décembre 2010.
- Drifa Hadjidj, Habiba DRIAS, « A hybrid Grasp and Scatter Search for the Exam Timetabling Problem », ICMWI, IEEE Communications Society, October 2010, pp 297 – 302. Drifa HADJIDJ, Habiba DRIAS, « Grasp and Guided Local Search for the Examination Timetabling Problem », International Journal Of Artificial Intelligence and Soft Computing, IJAISC, vol 2, Issue 1/2, 2010, pp 103-114.
- S. IZZA and R. IMACHE « An approach to achieve IT agility by combining SOA with ITSM », Int. J. Information Technology and Management, Vol. 9, N°. 4, pp. 423-445, 2010.
- K. Khaldi, S. Meddahi, « Estimation des paramètres des EDS. Modèle de Black et Scholes. Application au CAC 40 ». Colloque International Modélisation Stochastique et Statistique. Recueil des résumés. MSS' 10 – USTHB 2010.
- K. Khaldi, S. Meddahi, « Estimation Of Parameters Of SDE. Black-Scholes Model. Share Price of Gold. Stochastic Modeling Techniques and Data Analysis » International Conference, SMTDA, Chania, Crete, Greece 2010 – Book of Abstracts - pp.51-52.
- K. Baddari, A. Frolov, V. Tourtchine, F. Rahmoune, « An Integrated Study of the Dynamics of Electromagnetic and Acoustic Regimes During Failure of Complex Macrosystems Using Rock Blocks », Rock Mech Rock Eng. Springer-Verlag 2010.
- A. KHOUAS; « Systèmes reconfigurables, Session plénière II », Journées du Laboratoire d'Instrumentation, JLINS'2010, USTHB, Alger, 25-26 octobre 2010.
- A. R. Maouche, « Intelligent Control ». In: Casolo, F. (eds.) Motion Control, 31-50, January. In-Teh Publication, Croatia, 2010.

- A. R. Maouche, M. Attari; « Nonlinear Adaptive RBFNN Control of a One-Link Flexible Manipulator ». IEEE 1st International Conference on Machine and Web Intelligence (ICMWI'2010), 144-149, October 3-5, 2010, Algiers, Algeria.

Publications Nationales :

Année 2010 :

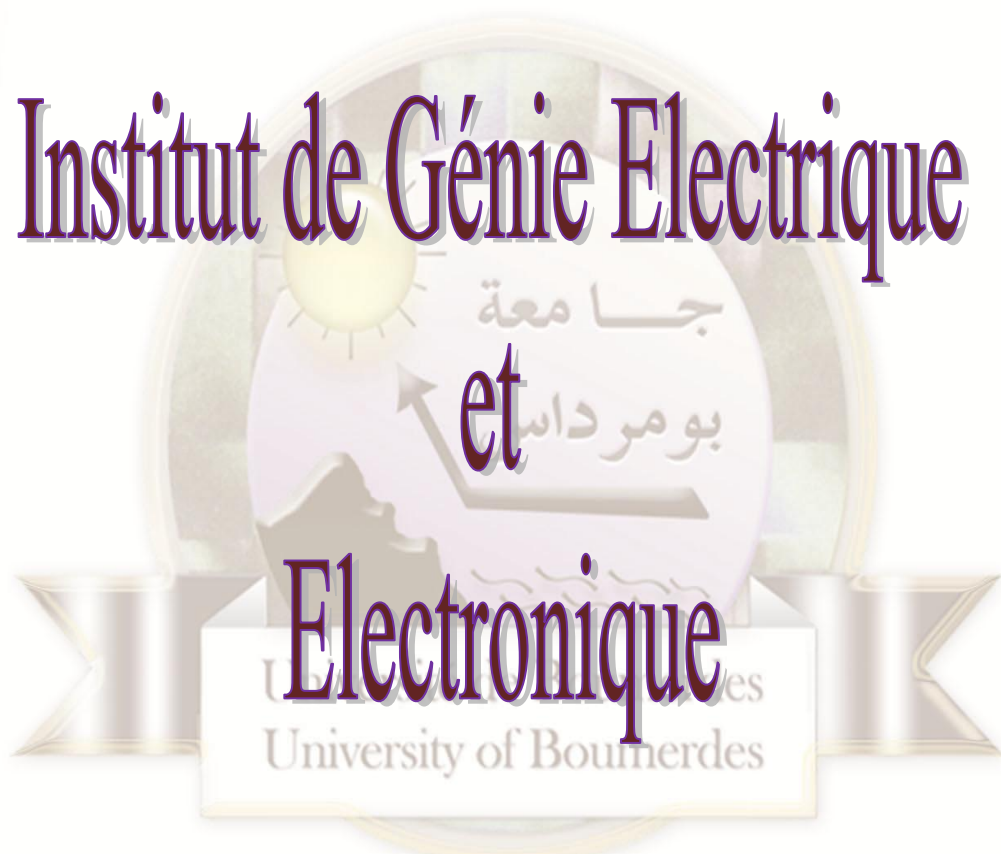
- Dj. Gaceb, V. Eglin, F Lebourgeois, H. Emptoz, « Extraction de la structure physique de courrier : Application dédiée à un système automatique de tri postal ». Revue d'Information Scientifique & Technique (RIST) 18(1): 206-220, CRIST. 2010.

Institut de Génie Electrique

et

Electronique

University of Boumerdes



Directeur : **BENTARZI Hamid**

Grade : **Professeur**

Adresse : **Institut Génie Electrique et Electronique,**

Université M'hamed Bougara, Avenue de L'Indépendance, 35000 - Boumerdès

Téléphone /Fax : **024 79 57 62**

E-Mail : sisylab@yahoo.com

Publications Internationales :

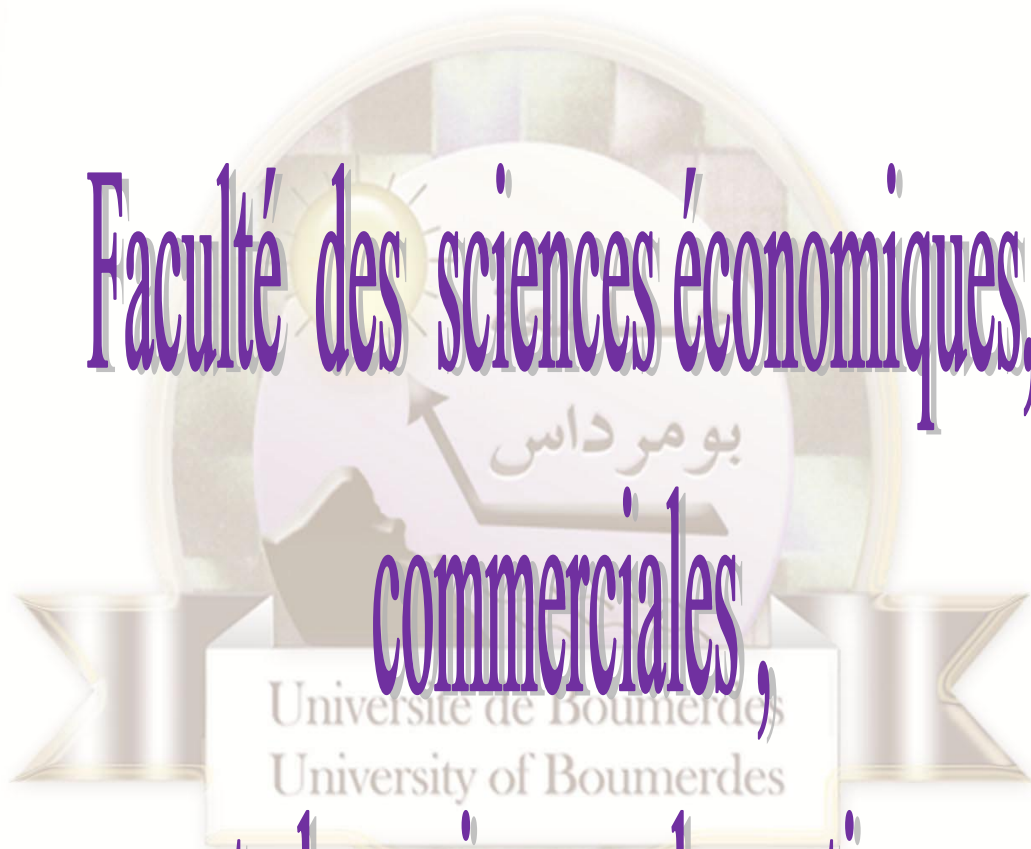
- Ouali, H. Bentarzi and A. Recioui, "Optimal Multi-Objective Design of Digital Filters Using Taguchi Optimization Technique", Journal of Electrical Engineering, Vol.65, N°1, (2014), pp.21-29.
- R. Bouderbala, H. Bentarzi, "A New Differential Relay Framework for Power Transformer", Applied Mechanics and Materials Vol. 492 pp 426-430.
- Abdelmadjid Recioui, Pattern Synthesis of Nonuniformly Spaced Arrays Based on Unit Circle Representation and Taguchi Method, Wireless Personal communications, Springer, volume 75, Issue4, April 2014. pp 1969-1981.
- Abdelmadjid Recioui, Optimization of Antenna Arrays Using Different Strategies Based on Taguchi Method, Arabian journal of science and engineering, volume 39, Issue 2, February2014. pp 935-944.
- Kouadri, A. Bensmail, A. Kheldoun, L. Refoufi, An adaptive threshold estimation scheme for abrupt changes detection algorithm in a cement rotary kiln, Journal of Computational and Applied Mathematics, Volume 259, Part B, Pages 835-842, 15 March 2014.
- A.Abdelmoumene, H.Bentarzi, " A Review on Protective Relays' Developments and Trends", Journal of Energy in Southern Africa, 25(2), 91-95, May 2014.
- A.Abdelmoumene, H.Bentarzi, M.Chafai, A.Ouadi" Reliability Assessment and Enhancement of Digital Protective Relays", -z, International Journal of Syst. Assur. Engineering Mang., Springer, (2014).
- Hadjira Belaidi, Hamid Bentarzi et al "Terrain Traversability and Optimal Path Planning in 3D Uneven Environment for an Autonomous Mobile Robot", Arabian Journal for Science and Engineering (AJSE), , Vol. 39, N°11, November 2014.
- Kouadri, K. Baiche, M. Zelmat, Blind source separation filters-based-fault detection and isolation in a three tank system, Journal of Applied Statistics, Volume 41, Issue 8, Pages 1799-1813, 2014.

- Kouadri, A. Namoune, M. Zelmat, Modeling the dynamic behavior of a boiler turbine system using radial basis function neural network, Robust and nonlinear control journal, Volume 24, Issue 13, Pages 1873-1886, 2014.
- M. Challal, M. Dehmas, A. Azrar, R. Aksas and M. Trabelsi, "Novel Design of Miniaturized Broad Stopband Bandpass Filter using Defected Ground Structure," IJMOT-International Journal of Microwave and Optical Technology, vol. 9, No. 6, pp. 415-420, November 2014.

Faculté des sciences économiques,

commerciales,

et des sciences de gestion



L'avenir de l'économie algérienne hors les hydrocarbures

معتمد تحت رقم 145 بتاريخ 12 أفريل 2012

Directeur : **CHENNOUF Chaab**Grade : **Professeur**Adresse : **Faculté des sciences économiques ; Commerciales et des sciences de gestion**Téléphone : **024 79 51 94**Fax : **0 24 79 51 91**Adresse électronique : **labo.aeahh@umbb.dz**Site Web : **www.fsecsg.umbb.dz/lab****Publications Internationales /Publications nationale****Année 2014-2015 :**

Nom et prénom	Titre de l'article	Titre de la revue
GUENANE Brahim	La matrice de Boston Consulting Group (BCG) : Méthode privilégiée d'analyse stratégique de l'entreprise / cas de la société algérienne d'assurance	la revue des sciences commerciales / Ecole des Hautes Etudes Commerciales (ex. INC), N°20 /2015.
GUENANE Brahim	La bancassurance en Algérie : Enjeux et perspectives d'avenir	La revue scientifique : Avenir économique N°02 - Décembre 2014, éditée par le laboratoire AEAHH/ Université de Boumerdès.
GUENANE Brahim	Les premiers pas de la bancassurance en Algérie	La revue DIRASSAT, N°17A - Juin 2012, de l'université de Laghouat.
GUENANE Brahim	synthèse des communications de la journée d'étude portant sur la méthode du scoring : outil privilégié de l'analyse du risque crédit	la lettre d'information de l'Université de Boumerdès (UMBB Info), N°13 Mars - Avril 2015.
شعيب شنوف+ شعيباني مجيد	نحو بناء سياسة تنموية بشرية متكاملة على مستوى محور طنجة-جاكرتا	مجلة العلوم الانسانية، جامعة بسكرة 2015
شعيب شنوف	دور معايير الإبلاغ المالي الدولية في جلب الاستثمارات في البلدان العربية	مجمع مداخلات الملتقى الدولي حول دور معايير المحاسبة الدولية في تفعيل أداء المؤسسات و الحكومات 2014

شعيب شنوف	جودة الخدمة العمومية في قطاع التعليم العالي و أثرها على تقليص الفجوة بين مخرجات التعليم العالي و احتياجات سوق العمل	أبحاث الملتقى العلمي الدولي ، جودة الخدمة العمومية في ظل الحوكمة الالكترونية - حالة البلدان العربية ، 2014
شعيب شنوف	دور التعليم في ميدان العلوم الاقتصادية بالجامعات الجزائرية في تعزيز الابداع و التميز	الملتقى العالمي للمبدعين في التدريس الجامعي -عمادة تطوير التعليم الجامعي ،جامعة الإمام بالرياض ،السعودية 2013
Abouderaz Sofiane	Réflexion sur l'inflation algérienne (2000-2012) - étude empirique-	Revue scientifique avenir économique, Laboratoire de recherche: AEAHH, Université Mohammed Bougara Boumerdès, N° 1, Décembre 2013
مجيد شعباني	إدارة الأزمات المالية ونظام المعلومات المحاسبي	مجلة مدرسة الاحصاء التطبيقي بن عكنون الجزائر
مجيد شعباني + قمان انيسة	دراسة السوق كآلية لتحقيق اليقظة الاستراتيجية	المجلة الجزائرية للاقتصاد مخبر الاقتصاد الكلي والمالية الدولية جامعة المدينة
مجيد شعباني	Turkish tourism experience as model to be followed by Algeria	Revue scientifique avenir économique, Laboratoire de recherche: AEAHH, Université Mohammed Bougara Boumerdès, N° 1, Décembre 2013
مجيد شعباني + مزوار منوبة	حوكمة نظم المعلومات كآلية لتدعيم الميزة التنافسية للمؤسسة	مجلة العلوم التجارية مدرسة الدراسات العليا التجارية بن عكنون الجزائر
مجيد شعباني + محمد بوستة	إدارة راس المال الفكري والتنمية المستدامة	مجلة دراسات جامعة الاغواط
يحياوي نصيرة	التحصيل الضريبي في الجزائر	مجلة معارف جامعة البويرة 2014
إدريس تواتي	دور الجامعة في التنمية البشرية المستدامة	مجلة معارف جامعة البويرة 2015
تقار عبد الكريم	برامج الإنفاق العام في الجزائر و أثره على النمو الاقتصادي 2014-2001	مجلة معارف جامعة البويرة 2013

الأبحاث المنشورة لأعضاء المخبر في المجلات العلمية المحكمة خلال الفترة 2012-2014

ملاحظات	تاريخ النشر	الهيئة او المؤسسة	عنوان المجلة	عنوان البحث	الاسم الكامل للباحث
	2014	قطر	مجلة بيت المشورة مجلة دولية محكمة	استثمار خراج الوقف وأموال الزكاة في انشاء مؤسسة مصغرة لكل أسرة في ظل اقتصاد السوق الاجتماعي	شعيب شنوف
	2014	جامعة عمار ثليجي الاغواط	مجلة دراسات	إدارة رأس المال الفكري والتنمية المستدامة	شعباني مجيد بوسته محمد
	2014	جامعة البويرة	مجلة معارف	تنظيم عملية التحصيل الضريبي في الجزائر مجلة	يجياوي نصيرة
	2014	جامعة عمار ثليجي الاغواط	مجلة دراسات	دور مؤسسات التأمين في تمويل الاقتصاد الوطني	قانة زكي
	2013	جامعة خميس مليانة	مجلة الاقتصاد الجديد	واقع مؤشرات التنمية المستدامة في الجزائر خلال العشرية 2000-20110	قانة زكي
	2013	جامعة أحمد بوقرة بومرداس	المجلة العلمية المستقبل الاقتصادي	دور القروض البنكية في تنمية القطاع الفلاحي في الجزائر	يجياوي نصيرة
	2013	جامعة أحمد بوقرة بومرداس	المجلة العلمية المستقبل الاقتصادي	صدور العدد الأول ديسمبر 2013 مجلة علمية محكمة سنوية تصدر عن مخبر مستقبل الاقتصاد الجزائري خارج المحروقات	شعيب شنوف شعباني مجيد يجياوي نصيرة
	2013	EHEC-Alger	l'école des hautes études commerciales	Le rôle de la satisfaction client dans la qualité de services : vers un marketing, relationnel performant	Boucetta Mohamed,
	2013	جامعة الزقازيق مصر	مجلة كلية العلوم العدد 12	حتمية تعبئة الموارد الطبيعية المتاحة واستغلال الوفرة المالية لتحقيق التنمية المستدامة	شعيب شنوف
	2013	جامعة الأغواط	مجلة دراسات اقتصادية العدد 19	الممكن وغير الممكن في معالجة البطالة، اقتراح نموذج للمؤسسات المتوسطة والصغيرة للحد من هذه الظاهرة	شعيب شنوف
	2013	مدرسة الدراسات العليا التجارية، بن عكنون	مجلة المدرسة العليا للتجارة، العدد 16	أخصائي المعلومات في البيئة الرقمية،	شعباني مجيد
	2013	جامعة أحمد بوقرة بومرداس	المجلة العلمية المستقبل الاقتصادي	تطبيق النموذج السياحي التركي في الجزائر	شعباني مجيد
	2013	بن عكنون الجزائر	مجلة الإحصاء والاقتصاد التطبيقي	إدارة الأزمات المالية ونظام المعلومات المحاسبي	شعباني مجيد

Performance des Entreprises Economiques Algériennes dans le Cadre de la Dynamique Economiques Internationale

Agréé en 14 avril 2012

Directeur : **OUNIS Abdelmadjid**

Grade : **Professeur**

Adresse : **Bp 38 B poste Rocher Noir 35000 Boumerdes**

Téléphone /Fax : **024 79 51 95**

E-Mail : am_ounis@yahoo.fr

Publications Internationales:

1/ بن عنتر عبد الرحمان، أونيس عبد المجيد، إدارة الموارد المائية رهان التنمية المستدامة في ظل الالفية الثالثة، مجلة منشورات علوم جغرافية ، الصادرة عن الجمعية التونسية للإعلام الجغرافي الرقمي ، أبريل 2014 .

2/ Francesco Calza, Nadir Aliane, Chiara Cannavale, (2013) "Cross-cultural bridges in European firms' internationalization to Islamic countries: The key role of cultural competence", EuroMed Journal of Business, Vol. 8 Iss: 2, pp.172 – 187

3/ أونيس عبد المجيد، بن عنتر عبد الرحمان، Impact du financement bancaire des PME/PMI sur l'économie nationale (Algérienne), dans le cadre des dispositifs d'aides à l'exportation, المجلة المغربية لقانوني الأعمال ، الصادرة عن كلية العلوم القانونية والاقتصادية والاجتماعية ، جامعة سيدي محمد بن عبد الله ، فاس، المملكة المغربية ، العدد 2013/02 ، ص 147.

4/ Calza F., Hireche, A., Aliane, N., and Cannavale C., (2012), Exploring Saudi managerial culture. Some evidence about performance orientation and assertiveness, Conference Proceeding IACCM, 4th CEMS/IACCM Doctoral Workshop And 11th IACCM Annual Conference –Naples- Italie.2012

5/ بن عنتر عبد الرحمان ، بلوناس عبد الله ، المؤسسات الصغيرة والمتوسطة بين تحدي المعوقات وضرورة دعم قدراتها التنافسية في ظل المنافسة الدولية ، مجلة القادسية للعلوم الإدارية والاقتصادية ، الصادرة عن كلية الإدارة والاقتصاد، جامعة القادسية، العراق، المجلد 14، العدد 01/2012، ص 116.

6/ شيخي بلال ، الإفصاح المحاسبي والمالي وفقا للمعايير المحاسبية الدولية وأثره على تعزيز جودة المعلومات وتنشيط الاستثمار في سوق الأوراق المالية، المجلة العلمية للبحوث والدراسات التجارية، كلية التجارة وإدارة الأعمال جامعة حلوان جمهورية مصر العربية - العدد 04 الجزء الثاني 2012.

Publications Nationales:

- 1/ شيخي بلال ،الميزة التنافسية وفعالية التسيير والتشخيص الاستراتيجي، مجلة معارف، كلية العلوم والتجارية وعلوم التسيير، جامعة البويرة العدد 17 جانفي 2015.
- 2/ ArkoubOuali, (2015), L'analyse de niveau d'adoption de balancedscorecard au sein des entreprises algériennes et son impact sur l'amélioration de leur performance totale, étude de cas de Groupe SAIDAL, Revue Etude Économique et Financières: revue de la faculté des sciences économique université d'El Oued.
- 3/ شيخي بلال ،تجارب بعض الدول العربية في تطبيق معايير المحاسبة الدولية، مجلة دراسات اقتصادية - العدد 26 جانفي 2015.
- 4/ BERKANI Samir, la veille technologique comme déterminant d'un avantage compétitif, Revue:Economie moderne, université Khemis meliana,N°11, Septembre 2014.
- 5/ بن طالبي فريد، إدارة الأزمة المالية في الاتحاد الأوروبي، مجلة دراسات اقتصادية ، مركز البصيرة العدد : 24، أوت 2014 بالقبّة - الجزائر .
- 6/ BELOUERD Nabil, Performances des PME algérienne : évaluation par l'approche FDH, Revue Elbahith, N°14, Université de Ouargla, juin 2014.
- 7/ شيخي بلال ،تفسير أثر الإهلاك على التوازن المالي في ظل تطبيق نظام المحاسبي المالي، مجلة دراسات اقتصادية، كلية العلوم والتجارية وعلوم التسيير جامعة الوادي العدد 07 جويلية 2014
- 8/ بن عنتر عبد الرحمان ،واقع وتحديات التنمية البشرية بالجزائر-دراسة للفترة 1995-2005 ،مجلة الآداب والعلوم الاجتماعية ،الصادرة عن كلية الآداب والعلوم الاجتماعية،جامعة سعد دحلب البلية،الجزائر،العدد09، 2013 ص247.
- 9/ بن عنتر عبد الرحمان ، بلوناس عبد الله، مراحل تطور القطاع السياحي بالجزائر-دراسة مسحية- ، المجلة العلمية: المستقبل الاقتصادي، الصادرة عن مخبر مستقبل الاقتصاد الجزائري خارج المحروقات، جامعة امحمد بوقرة ،بومرداس، الجزائر،العدد الأول، ديسمبر2013، ص 9.
- 10/ BENHAMIDA Hichem, l'effet des avantages fiscaux sur la responsabilité sociale des entreprises, Revue études économique, centre EL BASSIRA des études et consultations, kouba, N°22, Décembre 2013.
- 11/ BENHAMIDA Hichem, La part des sources d'énergie renouvelables dans La production d'électricité dans le cadre d'économie d'énergie, Revue études économique et financière .FSECG de l'université El Ouadi. N°06, Décembre 2013.
- 12/BELOUERD Nabil, L'IDE et la croissance économique en Algérie : liaison vs neutralité, Revue des réformes économiques et intégration en économie mondiale, N°15,2013.

- 13/ بلوناس عبد الله، أونيس عبد المجيد، تقييم التجربة الصناعية الجزائرية في ظل التسيير الإداري للاقتصاد، دراسة للفترة (1965-1980)، المجلة الجزائرية للقانون والاقتصاد والسياسة، كلية الحقوق، بن عكنون العدد 03 ، ص 267
- 14/ أونيس عبد المجيد ، علاقات العمل في المؤسسات الاقتصادية الجزائرية و إفرانها في ظل التحول إلى اقتصاد السوق"مجلة « ECONOMIE et MANAGEMENT » الصادرة عن كلية العلوم الاقتصادية والتجارية وعلوم التسيير، جامعة أوبكر بلقايد - تلمسان - ، العدد 2012/11.
- 15/ بلوناس عبد الله ، نظم المعلومات وأثره على تنافسية المؤسسات الصغيرة والمتوسطة مجلة معارف، جامعة أكلي محند أولحاج، البويرة، الجزائر، العدد 13 ، ص 231
- 16/ شلال زهير ، المفاضلة بين مختلف أسس القياس المحاسبي وتطبيقاتها على المحاسبة العمومية، مجلة العلوم التجارية، مدرسة الدراسات العليا التجارية-، الجزائر، العدد 14 ص 47
- 17/ حميدي عبد الرزاق ، تكنولوجيا المعلومات كمدخل لتعزيز تنافسية المصارف ، مجلة معارف، جامعة أكلي محند أولحاج، البويرة، الجزائر، العدد 13 ، ص 155
- 18/ عرقوب واعلي ، أنظمة ذكاء الأعمال وهندسة القرار في المؤسسة، مجلة أبعاد اقتصادية، كلية العلوم الاقتصادية والتجارية وعلوم التسيير، جامعة بومرداس العدد 02 ، ص 185
- 19/ شيخي بلال، متطلبات الإفصاح المحاسبي في ظل تطبيق معايير المحاسبة الدولية وأثره على تطوير المحتوى الإعلامي للقوائم المالية، مجلة دراسات اقتصادية ، العدد 20، ص 15
- 20/ قدايفة أمينة ، نظام المعلومات و أثره على تنافسية المؤسسات الصغيرة و المتوسطة ، مجلة معارف، العدد 2012/13. جامعة البويرة

21/ BELOUERD Nabil, étude de rentabilité des entreprises privés et publiques: test de différence de moyenne, Revue nouvelle économie, Université de khemis meliana, N°04, Septembre 2012.

22/ AIT MEDJBAR Toufik ; Role des PME PMI dans le developpment économique ; revue de ENSSEA ; N°18

The logo of the University of Boumerdes is a circular emblem with a gold border. Inside the circle, there is a sun with rays, an open book, and an arrow pointing upwards. The Arabic text 'جامعة بومرداس' (University of Boumerdes) is written in the center. Below the circle is a gold ribbon banner.

Faculté de Droit

Université de Boumerdes
University of Boumerdes

Directeur : **BOULARES Fethi**
 Grade : **Maitre de Conférences A**
 Adresse : **Faculté des Droits**
 Téléphone /Fax : **024 74 55 10**
 E-Mail : boularesf@gmail.com

المنشورات (الوطنية والدولية) :

Les politiques maghrébines de l'Europe à l'épreuve des printemps arabes », in abdenour Benanter et Salim Chena , la sécurité en Méditerranée occidentale face aux bouleversements au Maghreb et au Sahara, Editions l'Harmattan, Paris 2015, pp.31-50.
محمد سي بشير ، قيم الأمن في المجتمع، في كتاب جماعي بعنوان الأمن القومي الجزائري، إشراف و تحرير نسيم بل و تقديم الدكتور وليد عبد الحي، دار الحامد ، الأردن ، 2015.
فصلان بعنوان القيادة الجزائرية لمنطقة الصحراء و الساحل و السيطرة الإقليمية في منطقة الساحل و الصحراء في كتاب جماعي بعنوان الأمن في المنطقة الساحلية الصحراوية، إشراف نسيم بهلول، النشر برسم سنة 2015، دار الحامد، عمان، الاردن.
La nouvelle géopolitique du Sahel, une opportunité pour refonder le partenariat euro-maghrébin », in Cahiers de la Méditerranée n°89, Décembre 2014, Publication du centre de la méditerranée moderne et contemporaine, Université Nice Sophia Antipolis, pp 195-208.
د. فتحي بولعراش، الهروب من المواجهة : دوافع مقاطعة الإسلاميين الجزائريين للانتخابات الرئاسية المقبلة، المركز الإقليمي للدراسات الإستراتيجية، القاهرة، 2014/04/01 .
د. فتحي بولعراش، سيناريوهات الخلافة: من يحكم الجزائر حال غياب الرئيس بوتفليقة؟، التحولات الداخلية، المركز الإقليمي للدراسات الإستراتيجية، القاهرة، 2013/05/26
د. فتحي بولعراش، "مشروع تعديل الدستور الجزائري: السياق، المواقف، والاحتمالات الممكنة"، مركز الجزيرة للدراسات، 2013/05/26
د. فتحي بولعراش، "الإصلاحات السياسية في الجزائر بين منطق التغيير واستراتيجيات البقاء"، المجلة العربية للعلوم السياسية، العدد 36، خريف 2012.
د. فتحي بولعراش "الدبلوماسية التقليدية في مواجهة العصر الرقمي : كواليس الدبلوماسية المغاربية في وثائق "ويكيليكس"، المجلة العربية للعلوم السياسية، العدد 32، خريف 2011.
د. فتحي بولعراش، "كرة القدم في العمليات السياسية : حالة مصر والجزائر"، المستقبل العربي، العدد 374. 2010 /4 .
Fethi Boulares, « Le Hezbollah... parti local et acteur régional », <i>Affaires stratégiques</i> , 5/06/ 2009
د. محمد سي بشير، قراءة في كتاب "المغرب العربي... تقارب استراتيجي و تنافر استراتيجي" تحت إشراف الأستاذ "عبد النور بن عنتر" (المستقبل العربي، عدد فبراير 2012، العدد 369) ص ص 154-159،
د. محمد سي بشير، ترجمة لدراسة بعنوان " ترجمة المراجع الثقافية: عملية تلاعب أم تمييز؟" من تأليف فايزة القاسم و اقترحت لمجلة "الثقافة العالمية" من نشر المجلس الوطني للثقافة و الفنون و الآداب (الكويت)،
د. محمد سي بشير، "النخبة المغاربية و تحدي الاستقطاب"، مجلة "الديمقراطية"، عدد يناير 2014،
د. محمد سي بشير، "الربيع العربي و العلوم السياسية في العالم العربي"، موقع مجلة "الديمقراطية" المصرية،
Aomar Baghzouz, « Le Maghreb et l'Europe face à la crise du Sahel : Coopération ou rivalités ? », in l'Année du Maghreb 2013, pp. 173-192.
Aomar Baghzouz, « Le rapprochement des dispositifs européen et maghrébin en matière sécuritaire et de gestion des flux migratoires : Coopération ou sous-traitance ? », in Remald, Revue marocaine d'administration locale et de développement, n° 81, Ed. REMALD-PUBLISUD (Paris), 2012, pp. 97-111.

Aomar Baghzouz, « L'Algérie et les révoltes arabes : ni exception, ni domino », in Outre-Terre, Revue française de géopolitique, n° 29, Paris, Octobre 2011, pp.
Aomar Baghzouz, « Les relations algéro-françaises 2000-2010 : la quête d'une improbable refondation ? », l'Année du Maghreb 2010, pp. 507-526.
Aomar Baghzouz, « La relation algéro-française, exemple d'une détérioration du partenariat nord-sud en Méditerranée » revue Rayonnement du CNRS, décembre 2010, p. 30-36
Aomar Baghzouz, « Du processus de Barcelone à l'Union pour la Méditerranée : regards croisés euro-maghrébins », l'Année du Maghreb 2009, pp. 517-536.
Aomar Baghzouz, « L'Algérie face à l'Europe : quelle place dans les dispositifs de coopération en Méditerranée ? », Maghreb-Machrek n° 200, été 2009.
Aomar Baghzouz, « Du processus de Barcelone à l'Union pour la Méditerranée : une vision de l'Algérie », Outre-terre n° 23, revue de l'Académie européenne de géopolitique, Montpellier 2009, pp. 137-151.
Aomar Baghzouz, « Le Maghreb, le Sahara occidental et les nouveaux défis de sécurité », l'Année du Maghreb 2006-2007, pp.523-546.
Aomar Baghzouz, « La compétition transatlantique face à l'enjeu maghrébin », L'Année du Maghreb 2005-2006, pp.583-605.
Aomar Baghzouz, « Algérie-France: rejouer le match ? » in « Outre-terre » n° 8, 2004, pp. 191-194.
Aomar Baghzouz, « Elections françaises: l'Algérie ne s'abstient pas », « Outre-terre », Revue française de géopolitique, n° 3, Paris 2003, pp. 269-280.
أحسن رابحي، " أثار الفساد الإداري على علاقة الفرد بالدولة"، المجلة الجزائرية للعلوم القانونية والاقتصادية والسياسية، العدد 01، 2013.
أحسن رابحي، " الجريمة الالكترونية : النقطة " المظلمة " بالنسبة للتكنولوجية المعلوماتية"، المجلة الجزائرية للعلوم القانونية والاقتصادية والسياسية، العدد 01، 2013.
أحسن رابحي، "تضخم الوثائق الدستورية الجزائرية"، المجلة الجزائرية للعلوم القانونية والاقتصادية والسياسية، العدد 02، 2011.
أحسن رابحي، " دور الحركة الجمعوية في حماية البيئة"، المجلة الجزائرية للعلوم القانونية والاقتصادية والسياسية، العدد 04، 2009.
أحسن رابحي، "محاولة نظرية للاقترب من ظاهرة الأوامر التشريعية، « المجلة الجزائرية للعلوم القانونية والاقتصادية والسياسية، العدد 01، 2008.
ب. المنشورات الوطنية (منشور واحد في كل سطر مع ذكر الرابط الموصل للمجلة URL على الإنترنت)
عمروش عبد الوهاب، إدارة التهديدات الحدودية خبرات عربية، السياسة الدولية، عدد 201، ماي 2015.
بودرباله صلاح الدين، موقف القانون الدولي من القرصنة البحرية، المجلة النقدية للقانون و العلوم السياسية، عدد 1/2014، كلية الحقوق، جامعة مولود معمري، تيزي وزو.
La crise au sahel: un défi pour la cooperation Maghreb- Europe, Revue Stratégica, Institut Militaire de Documentation, d'Evaluation et de Prospective (IMDEP), n° 2, 2 éme semester, pp44-62, 2014.
د. محمد سي بشير، "الجزائر و الربيع العربي، مخاطر على الأمن القومي و تأجيل للديمقراطية"، مجلة كلية الحقوق والعلوم السياسية، جامعة تيزي وزو، عدد 2012/01 (العدد نشر فعليا في فيفري 2013)،
Aomar Baghzouz, « La sécurité nationale à l'épreuve de la vulnérabilité, des risques et des menaces dans le cadre de la mondialisation », in La pensée parlementaire (en arabe) n° 6, revue du Conseil de la Nation, Alger, juillet 2004.
Aomar Baghzouz, « La clause démocratique et des droits de l'Homme dans les accords d'association », revue Idara, volume 13, n° 26- CDRA (ENA) Alger-2003, pp. 61-73.