

## **PRODUCTION SCIENTIFIQUE ANNEE 2009**

### ***Publications***

#### ***1-Publications Internationales :***

##### **Faculté\_de\_la\_Technologie:**

<b>N°</b>	<b>Auteurs</b>	<b>Titre</b>	<b>Journal</b>
<b>01</b>	S. BEY, M.G. BOUNOMENNA, M. BENAMOR, E. DRIOLI,.	Preparation and characterization of microporous membranes prepared by wet phase inversion, application to Ni(II) transport.	Materials Science Forum 609(2009)183-188
<b>02</b>	T. BELAID, S. AIT ALI, M. BENAMOR , K. BELHAMEL	Synthesis and characterization of new chelating resin functionalised with pyrocatechol violet an dits application as extractant for zinc(II)	Materials science Forum Vol. 609 (2009) pp 75-80, 2009 trans tech publications, switzerland <a href="http://www.scientific.net">http://www.scientific.net</a>
<b>03</b>	F. BOUDRAHEM, F. AISSANI-BENISSAD ET H. AIT-AMAR	Batch sorption dynamics and equilibrium for removal of lead ions from aqueous phase using activated carbon developed from coffee residue activated with zinc chloride	journal of environmental management 90 (2009) 3031-3039.

<b>04</b>	L. KHENNICHE, F. AISSANI,	Characterization and utilization of activated carbons prepared from coffee residue for adsorptive removal of salicylic acid and phenol: Kinetic and isotherm study	Desalination and Water Treatment 11 (2009) 1–12
<b>05</b>	C. REMILI, M. KACI, S.KACHBI, S. BRUZAUD, Y.GROHENS,	Photo-oxidation of Polystyrene / Clay Nanocomposites Under Accelerated UV Exposure: Effect on the Structure and Molecular Weight».	Journal of Applied Polymer Science, Vol. 112, 2868-2875 (2009).
<b>06</b>	N. HAMAIDI, S. BOUROUINA	Design of experiments for the modeling of the phenol adsorption process	Journal of Chemical Engineering Data 2009 <a href="http://pubs.acs.org">http://pubs.acs.org</a>
<b>07</b>	R. KETRANE, B. SAIDANI, O. GIL, L. LELEYTER, F. BARAUD,	Efficiency of five scale inhibitors on calcium carbonate precipitation from hard water: Effect of temperature and concentration	Desalination, In Press, Available online October 2009.
<b>08</b>	M. AZNI, K. MOKRANI	Joint source and channel coding for real time transmission of H.264 coded video transmission using mobile hand-held devices	IETE Journal of research, vol 55, issue 4, pp 154-161 Jul-Aug 2009.

<b>09</b>	B.TABTI, L. DASCALESCO, M. PLOPEAU, A.ANTONIU, M.MEKIDECHE	Factors that influence the corona chaging of fibrous dielectric materials	Journal of electrostatics, Vol. 67, pp. 193-197 , 2009
<b>10</b>	H. A.Y. ACHOUR, B. MENDIL, S. BACHA, AND I MUNTEANU	Passivity based currennt controller  design for permanent-magnet synchronous motor	ISA Trans., 48(3), pp.236-246, july 2009.
<b>11</b>	N.A. LAHAÇANI , D. AOUZELLAG, AND B. MENDIL.	Contribution to the ipprovement of voltage profile in electrical network with wind generator using SVC device	renewable energy 2009
<b>12</b>	M. AZNI, K. MOKRANI, R. RYNDIAH, F. GUILLOUD	Joint source and channel for real time H 264 coded video transmission using mobile hand held device	IETE Journal of research, vol 55, pp 154- 161, juil-aug 2009.
<b>13</b>	H. NOURI AND Y.ZEBBOUDJ	Analysis of positive corona in wire-to-plate electrostatic precipitator	The european physical journal applied physics, 2009.
<b>14</b>	A. MEDJDOUB, O. CHIBANE	Dielectric spectroscopy and transient current measurements in low densiti polyethylene	Ann. Chim. Sci. Mat., 2009, 34 (3), pp. 155-169.

<b>15</b>	S. LALOUNI, D. REKIOUA, T.REKIOUA, E. MATAGNE	Fuzzy logic control of stand-alone photovoltaic system with battery storage	Journal of power source? Vol. 193, N° : 2, pp : 899-907, 2009
<b>16</b>	H. DJIDJELLI, A. BOUKERROU, S. KRIM, J.J. MARTINEZ	Effect of surface treatment on the physico-mechanical and thermal properties of high-density polyethylene / olive husk flour composite	Journal of applied polymer science, 2009 Wiley periodicals, inc
<b>17</b>	A. REBOUHI, A. BOUKERROU, M. KACI, H. DJIDJELLI, V. MARTINEZ	Chemical modification of olive pomace by various esters and silane	Journal of applied polymer science, 2009 Wiley periodicals, inc

### Faculté des Sciences Exactes

<b>N°</b>	<b>Auteurs</b>	<b>Titre</b>	<b>Journal</b>
<b>01</b>	A. TARI, I. ELGEDAWY, A. DAHMANI	A Dual-Layered Model for Web Services Representation and Composition	. Journal of Intelligent Information Systems (JIIS). 2009
<b>02</b>	DAHMANI ; A. AIT SAIDI ; F. BOUHMILA ; M. AISSANI	Consistency of the Tikhonov's regularization in an ill-posed problem with random data.	Statistics and Probability Letters. Vol 79, N°6, (2009), pp.722-727

<b>03</b>	M. OURBIH-TARI, A. ALOUI	Sampling methods and parammemism into monte carlo simulation	Journal of statistics: Advances in theory and applications, july 2009, <a href="http://scientificadvances.org">http://scientificadvances.org</a>
<b>04</b>	H. SLIMANI AND M.S. RADJEF.	Duality for nonlinear programming under generalized  Kuhn-Tucker condition.	International Journal of Optimization: Theory, Methods and Applications (IJOTMA) <b>01 (1)</b> , pp. 75-86, (2009).
<b>05</b>	SAADI, ADJABI, S.	N., On the Estimation of the Probability Density by Trigonometric Series	<i>Communications in Statistics - Theory and Methods</i> Vol 38(19), pp. 3583 — 3595.  <b>Site Web:</b> <a href="http://www.informaworld.com/smpp/content~db=all~content=a915032919">http://www.informaworld.com/smpp/content~db=all~content=a915032919</a>

06	D. AISSANI, S. ADJABI, M. CHERFAOUI, T. BENKHELLAT AND N. MEDJKOUNE (2009).	Forecast of the traffic and Performance evaluation of the BMT Container terminal (Bejaia'harbor),	Chapter 5 In the book "Rapid Modelling Increasing Competitiveness Tools and Mindset", Gerald Reiner Editor, Springer, 2009, ISBN: 978-1-84882-747-9, pp. 53-64.  <b>Site Web:</b> <a href="http://www.springerlink.com/content/t8v368x005156107">http://www.springerlink.com/content/t8v368x005156107</a>
07	M.BOUALEM, N. DJELLAB AND D. AÏSSANI.	Stochastic inequalities for M/G/1 retrial queues with vacations and constant retrial policy.	Mathematical and Computer Modelling, 50 (1-2), 207-212. 2009.
08	SEMCHEDINE F., BOUALLOUCHE L., MOAD S., MAKHLOUFI R. AND AÏSSANI D.,	Discrete Events Simulator for Wireless Sensor Networks,	Ewic Review, British Computer Society Ed., London, 2009 ( <a href="http://www.bcs.org">http://www.bcs.org</a> ).
09	AÏSSANI D., ADJABI S., CHERFAOUI M., BENKHELLAT T. AND MEDJKOUNE N.,	Forecast of the Traffic and Performance Evaluation of the BMT Container Terminal (Bejaia's Harbor),	In the Book "Rapid Modelling for Increasing Competitiveness: Tools and Mindset, Springer Verlag Ed. (Germany), 2009, pp. 53 – 64. doi:10.1007/978-1-84882-748-6.

<b>10</b>	A. MOUSSAOUI, B. KHOUDJA, S. TAS	A singular Gierer- Meinhard system of elliptic equations in $R^N$	Nonlinear Analysis 71 (2009) 708-716 (science direct)  Journal homepage: <a href="http://www.elsevier.com/locate/na">www.elsevier.com/locate/na</a>
<b>11</b>	M.AMAOUCHE, A. DJEMA, L. BOURDACHE- "	A modified Shkadov's model for thin film flow of viscoelastic fluid over an inclined surface	C. R. Mecanique 337 (2009). 48- 52. (journal ScienceDirect)
<b>12</b>	A. DAHMANI, S. RAHMANI	Exponential inequalities for a strongly mixing autoregressive process	Kuait journal of science & engineering , May 2009
<b>13</b>	F. SEMCHEDINE, L.BOUALLOUCHE, S. MOAD, R. MAKHLOUFI, D ASSISSANI	Discrete events simulator for wireless sensor networks.	Ewic Review, British Computer Society Ed., London, 2009 ( <a href="http://www.bcs.org">http://www.bcs.org</a> )
<b>14</b>	MEDJOU DJ R., D.AISSANI, A.BOUBAKEUR, K-D.HAIM,	Interruption modelling in electrical power distribution systems using Weibull-Markov model,	International Journal of Risk and Reliability : 223(2), Institution of Mechanical Engineers I.Mech.E ( part O) Ed., 2009, pp:145-157
<b>15</b>	LAGGOUNE R, CHATEAUNEUF A. AND AÏSSANI D.,	Opportunistic policy for optimal preventive maintenance of a multi-component system in continuous operating units.	International Journal CACE (Computer and Chemical Engineering), Vol. 33, Issue 9, Elsevier Ed., 2009, pp. 1499 – 1510.

<b>16</b>	LAGGOUNE R, CHATEAUNEUF A. AND AÏSSANI D.,	Impact of few failure Data on the Opportunistic Replacement Policy for Multi-Component Systems.	International Journal RESS (Reliability Engineering & System Safety), Elsevier Ed., 2009, doi:10.1016/j.ress.2009.08.007.
<b>17</b>	D. DJOUADI, A. CHELOUCHE, A. AKSAS, M. SEBAIS :	Optical properties of ZnO/Silica  Nanocomposites prepared by sol-gel method and deposited by dip-coating Technique.	Physics Procedia 00 (2009) 000-000 (in proof).
<b>18</b>	N. MEHIDI, N. AMATOUS	Modélisation d'un écoulemen coaxial en conduite circulaire de deux fluides visqueux	C.R. Mecanique 337 (2009) 112 – 118, ScienceDirect.
<b>19</b>	A. BOUDA	The quantum reduced action in higher dimansions	International journal theory physic (2009) 48: 913-923.
<b>20</b>	K. REZOUALI, M.A. BELKHIR, A. HOUARI, J. BAI	Ab inition study of confinement and surface effects inhexagonal AIN nanotubes	Computational Materials science, vl 45 (2009) pp 305-309.

**Faculté des Sciences de la Nature et de la Vie**

<b>N°</b>	<b>Auteurs</b>	<b>Titre</b>	<b>Journal</b>
<b>01</b>	TAMENDJARI A, SAHNOUNE M, METTOUCHI S et ANGEROSA F	Effet des differents taux d'attaque du ravageur Bactrocera oleae sur la qualité de l'huile d'olive de trois variétés algeriennes : Chemlal, Azzeradj et Bouchouk.	La Rivista italiana Delle Sostanze Grasse, 86 : 103-111. (2009)
<b>02</b>	A. TAMENDJARI, F.ANGEROSA, S. METTOUCHI, M.M. BELLAL	The effect of fly attack (bactrocera oleae). On the quality and phenilie content of chemlal olive oil	Grasas y aceites,60 (5): 509-515. (2009).
<b>03</b>	R. LARIBI, P. ROVELLINIP, L. DEFLAOUI, A. AIDLI, S. METOUCHI, L. ARRAR , A. TAMENDJARI	Evolution of biophenolie comounds in virgin olive oil during olive ripening of Algerian cultivars	La Rivista italiana Delle Sostanze Grasse, 86 : 150-160. (2009)
<b>04</b>	D. ATMANI, N. CHAHAR, K. AYOUNI, M. BERBOUCHA, H. LOUNIS, H. BOUDAUD, N.T BENAIDA, D. ATMANI	Antioxidant potential and phenol content of selected Algerian medicinal plants.	Food Chemistry 112, 303-309. (2009).

05	D. ATMANI, D. ATMANI, N. CHAHER, H. BOUDAOU, N. DEBBACHE, M. BERBOUCHA	Flavonoids in human health: from structure to biological activity.	Current Nutrition and Food Science, 5 00-00 (In press), (2009)
06	YAHIAOUI-ZAIDI R, LADJOUZI R., BENALLAOUA S.	Pathogenic variability within biochemical groups of <i>Pectobacterium carotovorum</i> isolated in Algeria from seed potato tubers	International Journal of Biotechnology and Molecular Biology Research. In press
07	ZAIDI-YAHIAOUI R.	Proteomic analysis of potato tubers extracts infected by <i>Pectobacterium carotovorum</i> .	3 <sup>ème</sup> SMBBM International Congress of biochemistry Marrakech (Morroco) 20-25 Avril 2009.
08	ZAIDI-YAHIAOUI R, ZAIDI F, BECHAR S, LADJOUZZI R, OUANAS S ET MEZIANI S	Intérêt potentiel des produits naturels d'origines végétales dans la lutte contre la pourriture molle de la pomme de terre.	2 <sup>ème</sup> journée du groupe francophone d'études des pesticides organiques d'origines naturelles. Perpignan 19 Juin 2009
09	ZAIDI-YAHIAOUI, R. ZAIDI, F. OUANAS, S. MEZIANI S. ET BECHAR S.	3. Potentiel of <i>Olea europaea</i> leaves and <i>Salvia officinalis</i> for controlling soft rot potato tubers.	9 <sup>ème</sup> Conférence internationale sur les maladies des plantes TOURS – 8 et 9 décembre 2009. in press

10	OUANAS, S. ZAIDI-YAHIAOUI, R. 2009	4. Identification biochimique de <i>Pectobacterium</i> isolés à partir des tubercules de pomme de terre en Algérie.	9 <sup>ème</sup> Conférence internationale sur les maladies des plantes TOURS – 8 et 9 décembre 2009. in press
11	S. TAFOUGHALT, A. DE VALEURY, A. MOALI	Effect of the long photoperiod on the reproduction capabilities of the land snail <i>Helix aperta</i> from Kabylia (Algeria)	Revue d'Écologie terre et vie (2009)
12	MM. BACHA, R. AMARA, A. MOALI	Feeding behaviour and dietary composition of anchovy, <i>engraulis encrasicolus</i> , In the bay of Bejaia, Algeria	Cybium 2009
13	F. ZOUGGAGHE, A. MOALI	Variabilité structurelle des macroinvertébrés benthiques dans le bassin versant de la Soummam (Algérie, Afrique du Nord)	Revue d'Écologie, terre et vie (2009)
14	T. ABAIGAR, N. FERRAND, M. CANO, A. BELBACHIR, A. FELLOUS, M. HAMZAOU, R. GODINHO.	Genetic characterization of the gazelle populations ( <i>Gazelle leptoceros</i> , <i>G. dorcas</i> ) in the Brezina Gazelle Breeding Center (El Bayadh, Algeria)	In press. 2009

<b>15</b>	M.CANO, A. BELBACHIR, A. FELLOUS, T. ABAIGAR	Brezina Gazelle Breeding Center (El Bayadh, Algeria). Proposa for improving gazelles's populations genetic and demographic management and facilities anhancement	In press. 2009
<b>16</b>	S. TAFOUGHALT, M. SAHNOUNE, A. DE VAUFLEURY, A. MOALI	Effects of temperature and photoperiod on growth and reproduction of the land snail <i>Helix aperta</i> Born (gastropoda, Pulmonata)	Revue d'Ecologie, terre et vie vol 64 :207-219 (2009)
<b>17</b>	H. NABTI, M. SAHNOUNE, M. GHOUL, D. FISCHER, A. HOMANN, M. ROTHBALLER, M. SCHMID, A. HARTMANN	Restoration of growth of durum wheat ( <i>Triticum durum</i> var. waha) under saline conditions due to inoculation with the rhizosphere bacterium <i>azospirillum brasilense</i> NH and extracts of the marine Alga <i>Ulva lactuca</i> . J. plant growth regulation	In press. Edited onlign. <a href="http://www.springerlink.com/content/e827516175408804/">http://www.springerlink.com/content/e827516175408804/</a>

**Faculte des Sciences Economiques, des Sciences de Gestion et des Sciences Commerciales :**

<b>N°</b>	<b>Auteurs</b>	<b>Titre</b>	<b>Journal</b>
<b>01</b>	KAÏD TLILANE N.	Le service public local au service du développement Durable	Ouvrage Collectif : Développement Durable et Responsabilité Sociale des Acteurs, Editions L'Harmattan. Paris, Janvier 2009. PP 83 – 106
<b>02</b>	M. BELATTAF	<b>De la compétitivité d'un pays : cas de l'Algérie</b>	Les Annales de l'Université de Valahia de Targoviste (section Sciences Economique), XVI <sup>ème</sup> Année – N° 25 – 2009 (Pages 99-122)
<b>03</b>	M. BELATTAF , A. TOUAHRI	Le gaz algérien dans l'approvisionnement de l'UE : facteur stratégique pour la sécurité énergétique et le développement durable	Ouvrage monographique collectif « Les défis du développement durable : politiques industrielles et commerciales dans l'Union Européenne », Editions EKONOM de Bratislava (Slovaquie) sep 2009, ISBN n°978-80- 225-2801-6 pages 337- 352

## ***2-Publications Nationales***

### **Faculté\_de\_la\_Technologie:**

<b>N°</b>	<b>Auteurs</b>	<b>Titre</b>	<b>Journal</b>
<b>01</b>	R. SAOU, M.E ZAÏM and K. ALITOUCHE	Modelling and desingn of a low speed flux reversal machine	Journal of electrical system ISSN 1112-5209 novembre 2009

### **Faculte des Sciences Economiques, des Sciences de Gestion et des Sciences Commerciales :**

<b>N°</b>	<b>Auteurs</b>	<b>Titre</b>	<b>Journal</b>
01	S. BOUMOULA	La fiscalité locale en Algérie : réalités et perspectives.	Revue Sciences technologie et Développement, ANDRU, mai 2009
02	KAÏD TLILANE N. ET FERFERA Y.	Consommation médicale des enfants en milieu urbain en Algérie : Résultats d'une enquête auprès des ménages de la ville de Béjaïa	Ouvrage Collectif : Transition et Système de Santé en Algérie, Edition CREAD 2009. PP 155 – 166
03	M. BELATTAF	Localisation industrielle et aménagement du territoire: aspects théoriques et pratiques »,	Office des Publications Universitaires (OPU), Alger, mars 2009.
04	F. YAICI	Précis de finance internationale : avec exercices corrigés	ENAG Edition, Alger 2008. ISBN : 978- 9961-62-805-8