

# Université Ferhat ABBAS Sétif 1

## Production scientifique de l'année 2013

(268 publications)

- |                                      |   |   |  |
|--------------------------------------|---|---|--|
| <input type="checkbox"/><br><b>1</b> | <u>Analysis of a dynamic thermo-elastic viscoplastic contact problem</u>  | <u>Ahmed Abdelaziz, A., Souraya, B.</u>   | 2013 <u>Electronic Journal of Qualitative Theory of Differential Equations</u>             |
| <input type="checkbox"/><br><b>2</b> | <u>Overview of cervical cancer screening practices in the extended middle east and North Africa Countries</u>             | <u>Sancho-Garnier, H., Khazraji, Y.C., Cherif, M.H., (...), Jumaan, A.O., Seoud, M.</u> | 2013 <u>Vaccine</u> 31(S6), pp. G51-G57  |
| <input type="checkbox"/><br><b>3</b> | <u>A control method using PI/fuzzy controllers based DFIG in wind energy conversion system</u>                            | <u>Louarem, S., Belkhiat, S., Belkhiat, D.E.C.</u>                                      | 2013 2013 IEEE Grenoble Conference PowerTech, POWERTECH 2013 6652463                       |
| <input type="checkbox"/><br><b>4</b> | <u>Experimental validation of new direct power control switching table for shunt active power filter</u>                  | <u>Chaoui, A., Gaubert, J.-P., Bouafia, A.</u>  | 2013 2013 15th European Conference on Power Electronics and Applications, EPE 2013 6634414 |
| <input type="checkbox"/><br><b>5</b> | <u>High performance direct power control of three-phase PWM boost rectifier under different supply voltage conditions</u> | <u>Bouafia, A., Gaubert, J.-P., Chaoui, A.</u>  | 2013 2013 15th European Conference on Power Electronics and Applications, EPE 2013 6631776 |

- |    |   |  |   |
|----|---|--|---|
| 6  | <input type="checkbox"/> <u>The antimicrobial effect of silicon nanowires decorated with silver and copper nanoparticles</u>  | <u>Fellahi, O., Sarma, R.K., Das, M.R., (...), Maamache, M., Boukherroub, R.</u> | 2013 <u>Nanotechnology</u> 24(49),495101  |
| 7  | <input type="checkbox"/> <u>Three-dimensional dirac oscillator with minimal length: Novel phenomena for quantized energy</u><br><i>Open Access</i>                          | <u>Betrouche, M., Maamache, M., Choi, J.R.</u>                                   | 2013 <u>Advances in High Energy Physics</u> 2013,383957   |
| 8  | <input type="checkbox"/> <u>A novel implementation of MPPT sliding mode controller for PV generation systems</u>  | <u>Afghoul, H., Chikouche, D., Krim, F., Beddar, A.</u>                          | 2013 IEEE EuroCon 2013 6625073, pp. 789-794   |
| 9  | <input type="checkbox"/> <u>Multi-machine fuzzy logic excitation and governor stabilizers design using genetic algorithms</u>   | <u>Mayouf, F., Diahli, F., Mayouf, A., Devers, T.</u>                            | 2013 2013 13th International Conference on Environment and Electrical Engineering, EEEIC 2013 - Conference Proceedings 6737932, pp. 336-341 |
| 10 | <input type="checkbox"/> <u>New genetic-fuzzy controller for improving stability of superconducting generator with high response excitation in a SMIB power system</u>      | <u>Mayouf, F., Diahli, F., Mayouf, A., Devers, T.</u>                            | 2013 2013 13th International Conference on Environment and Electrical Engineering, EEEIC 2013 - Conference Proceedings 6737931, pp. 330-335 |
| 11 | <input type="checkbox"/> <u>Application of the pilot tones and unused carriers (PTUNC) algorithm for the fourth generation (4G) mobile cellular systems ( Book Chapter)</u> | <u>Slimani, D., Bahri, Y.</u>  | 2013 <u>Knowledge Management and Communication in the Information Age</u> pp. 193-200   |

- |    |  |   |  |
|----|--|---|--|
| 12 | <input type="checkbox"/> <u>New bacteriocin from Bacillus clausii StrainGM17: Purification, characterization, and biological activity</u>  | <u>Mouloud, G., Daoud, H., Bassem, J., Atef, I.L., Hani, B.</u>             | 2013 <u>Applied Biochemistry and Biotechnology</u> 171(8), pp. 2186-2200                   |
| 13 | <input type="checkbox"/> <u>Improvement of power system transient stability using wind farms based on a doubly -fed induction generation (DFIG)</u>  | <u>Messalti, S., Gherbi, A., Belkhiat, S.</u>                               | 2013 <u>Journal of Electrical Engineering</u> 13(3), pp. 169-175                           |
| 14 | <input type="checkbox"/> <u>Artificial neural networks for assessment power system transient stability with TCVR</u>   | <u>Messalti, S., Gherbi, A., Belkhiat, S.</u>                               | 2013 <u>Journal of Electrical Engineering</u> 13(3), pp. 76-82                             |
| 15 | <input type="checkbox"/> <u>Assertion based on-line fault detection applied on UHF RFID tag</u>  | <u>Mezzah, I., Kermia, O., Chemali, H., (...), Beroulle, V., Hély, D.</u>   | 2013 2013 8th IEEE Design and Test Symposium, IDT 2013 6727091                             |
| 16 | <input type="checkbox"/> <u>Noise spectra of K<sup>+</sup> and NH<sub>4</sub><sup>+</sup> ions at over-limiting current in an electrochemical system with a cation exchange membrane</u><br><i>Open Access</i> | <u>Oulmi, K., Bouhidel, K.E., Andreadis, G.M.</u>                           | 2013 <u>Journal of Water Reuse and Desalination</u> 3(3), pp. 291-296                      |
| 17 | <input type="checkbox"/> <u>Dielectric resonator antenna design for UWB applications</u>   | <u>Elmegri, F., See, C.H., Abd-Alhameed, R.A., Zebiri, C., Excell, P.S.</u> | 2013 2013 Loughborough Antennas and Propagation Conference, LAPC 2013 6711958, pp. 539-542 |
| 18 | <input type="checkbox"/> <u>A framework for managing and optimizing the adaptation process qualities</u>   | <u>Alti, A., Laborie, S., Roose, P.</u>                                     | 2013 2013 7th IEEE GCC Conference and Exhibition, GCC 2013 6705762, pp. 125-130            |
|    | <input type="checkbox"/> <u>An improved voltage control scheme based on deadbeat-repetitive techniques of a single distributed generation unit in island mode</u>  | <u>Daili, Y., Gaubert, J.-P., Rahmani, L., Bouzid, M.</u>                   | 2013 <u>IECON Proceedings (Industrial Electronics Conference)</u>                          |

- 19 6699173, pp. 424-429
- 20 Development of A Bond Graph Control Maximum Power Point Tracker For Photovoltaic: Theoretical and experimental Badoud, A.E., Khemliche, M. 2013 Jordan Journal of Mechanical and Industrial Engineering 7(1), pp. 19-26
- 21 An efficient optimisation method based on genetic algorithm applied to reduce greenhouse gases in power system Naimi, D., Ahmed, S., Bouktir, T. 2013 2013 International Conference on Control, Decision and Information Technologies, CoDIT 2013 6689542, pp. 191-195
- 22 Firefly algorithm for optimal allocation and sizing of Distributed Generation in radial distribution system for loss minimization Nadhir, K., Chabane, D., Tarek, B. 2013 2013 International Conference on Control, Decision and Information Technologies, CoDIT 2013 6689549, pp. 231-235
- 23 Economic dispatch resolution using adaptive acceleration coefficients based PSO considering generator constraints Ahmed, S., Tarek, B., Djemai, N. 2013 2013 International Conference on Control, Decision and Information Technologies, CoDIT 2013 6689546, pp. 212-217
- 24 Improving wireless sensor networks robustness through multi-level fault tolerant routing protocol Aliouat, Z., Aliouat, M. 2013 Studies in Computational Intelligence 488, pp. 115-124

- 25** Compact composition operators on spaces of exponential cauchy kernels Muhanna, Y.A., Yallaoui, E.-B. 2013 Acta Mathematica Vietnamica 38(4), pp. 587-595
- 26** Towards an organizational model for Real Time Multi-Agent System specification Laouadi, M.A., Mokhati, F., Seridi-Bouchelaghem, H. 2013 Proceedings of 2013 Science and Information Conference, SAI 2013 6661796, pp. 577-584
- 27** Identification of four common  $\alpha$ -thalassemia gene deletions among a group with hemoglobinopathies in Sétif population, Algeria Houcher, B., Öztürk, A., Begag, S., Houcher, Z., Akar, N. 2013 Pteridines 24(3-4), pp. 251-255
- 28** Interactive DE for solving combined security environmental economic dispatch considering FACTS technology Mahdad, B., Srairi, K., Bouktir, T. 2013 Frontiers in Energy 7(4), pp. 429-447
- 29** Blowing-up solutions to two-times fractional differential equations Kirane, M., Kadem, A., Debbouche, A. 2013 Mathematische Nachrichten 286(17-18), pp. 1797-1804
- 30** Conduction mechanisms in thermal nitride and dry gate oxides grown on 4H-SiC Ouenoughi, Z., Strenger, C., Bourouba, F., (...), Ryssel, H., Frey, L. 2013 Microelectronics Reliability 53(12), pp. 1841-1847
- 31** Cleome arabica leaf extract has anticancer properties in human cancer cells Tigrine, C., Bulzomi, P., Leone, S., (...), Kameli, A., Marino, M. 2013 Pharmaceutical Biology 51(12), pp. 1508-1514  
*Open Access*
- 32** Elastic, optoelectronic, and thermal properties of cubic  $\text{CSi}_2\text{N}_4$ : An ab initio study Haddou, A., Khachai, H., Khenata, R., (...), Bin-Omran, S., Abbar, B. 2013 Journal of Materials Science 48(23), pp. 8235-8243

- 33  Back-to-back five-level converters for wind energy conversion system with DC-bus imbalance minimization Merahi, F., Berkouk, E.M. 2013 Renewable Energy 60, pp. 137-149
- 34  Delay time calculation for dual-wavelength quantum cascade lasers Hamadou, A., Lamari, S., Thobel, J.-L. 2013 Journal of Applied Physics 114(20),203102
- 35  Study of the bond behavior of concrete beam strengthened with NSM-CFRP Chikh, N., Merdas, A., Laraba, A., Benzaid, R. 2013 Lecture Notes in Engineering and Computer Science 3 LNECS, pp. 1815-1820
- 36  Human Papillomavirus and Epstein-Barr virus co-infection in Cervical Carcinoma in Algerian women *Open Access* Khenchouche, A., Sadouki, N., Boudriche, A., (...), Ooka, T., Bouguermouh, A. 2013 Virology Journal 10,340
- 37  A novel direct torque fuzzy control of SVM-inverter-fed induction motor drive Benaicha, S., Zidani, F., Nait Said, R., Nait Said, M.S. 2013 International Conference on Power Engineering, Energy and Electrical Drives 6635631, pp. 340-345
- 38  Novel characteristics of energy spectrum for 3D Dirac oscillator analyzed via Lorentz covariant deformed algebra *Open Access* Betrouche, M., Maamache, M., Choi, J.R. 2013 Scientific Reports 3,3221
- 39  Effect of isolation mode and surface condition of an insulating barrier on the performance of a non-uniform field electrode system under positive DC voltage Boudissa, R., Merabet, S., louknane, S., Bayadi, A. 2013 IEEE Transactions on Dielectrics and Electrical Insulation 20(5),6633679, pp. 1523-1529

- 40  Non-linear coefficient of BaTiO<sub>3</sub>-doped ZnO varistor Kharchouche, F., Belkhiat, S., Belkhiat, D.E.C. 2013 IET Science, Measurement and Technology 7(6), pp. 326-333
- 41  Transient analysis helps IM for crater-type corrosion defects Touabti, A.-F., Younsi, K., Bentriou, A., Smati, A. 2013 Oil and Gas Journal 111(11), pp. 94-102
- 42  Prediction study of the mechanical and thermodynamic properties of the RBRh<sub>3</sub>(R = Sm, Eu, Gd, and Tb) compounds Mekkaoui, F., Litimein, F., Khenata, R., (...), Bin-Omran, S., Rached, D. 2013 International Journal of Thermophysics 34(11), pp. 2102-2118
- 43  Intrinsic decoherence and Rabi oscillation damping of Mn<sup>2+</sup> and Co<sup>2+</sup> electron spin qubits in bulk ZnO *Open Access* Benzid, K., Chetoui, A., Maamache, M., Turek, P., Tribollet, J. 2013 EPL 104(4),47005
- 44  Antibacterial activity of essential oils of juniperus phoenicea from eastern algeria Ramdani, M., Lograda, T., Silini, H., (...), Bouchaala, M., Zerrar, S. 2013 Journal of Applied Pharmaceutical Science 3(11), pp. 22-28
- 45  Elastic and piezoelectric properties, sound velocity and Debye temperature of (B3) boron-bismuth compound under pressure Daoud, S., Bioud, N., Lebga, N. 2013 Pramana - Journal of Physics 81(5), pp. 885-892
- 46  Multiple anion...π interactions in tris(1,10-phenanthroline-κ<sup>2</sup> N,N')iron(II) bis[1,1,3,3-tetracyano-2-(2-hydroxyethyl)propenide] monohydrate Setifi, Z., Domasevitch, K.V., Setifi, F., (...), Petříček, V., Dušek, M. 2013 Acta Crystallographica Section C: Crystal Structure Communications 69(11), pp. 1351-1356

- 47** Growth and characterization of electrodeposited Cu<sub>2</sub>O thin films Laidoudi, S., Bioud, A.Y., Azizi, A., (...), Barre, S., Dinia, A. 2013 Semiconductor Science and Technology 28(11),115005
- 48** Z-dependence and collective analysis of M x-ray production cross sections for a wide range of elements (60≤Z≤90) by proton impact Deghfel, B., Kahoul, A., Kerai, S., (...), Dechoucha, S., Nekkab, M. 2013 Radiation Physics and Chemistry 92, pp. 32-36
- 49** Lattice properties, energy states and optical spectra of Mn<sub>x</sub>Ga<sub>1-x</sub>As magnetic semiconductors Bouarissa, N., Zerroug, S., Siddiqui, S.A., Hajry, A. 2013 Superlattices and Microstructures 64, pp. 237-244
- 50** Impact of pre and post-calving body condition score change on reproduction traits of montbeliard cows in Algerian semi arid area Mouffok, C.E., Semara, L., Madani, T., Debeche, H., Belkasmi, F. 2013 Journal of Animal and Plant Sciences 23(5), pp. 1253-1263
- 51** Coefficients of singularities for a simply supported plate problems in plane sectors Merouani, B., Boufenocuche, R. 2013 Electronic Journal of Differential Equations 2013,238
- 52** Weighted-path-following algorithm for linear programming Roumili, H. 2013 Mathematical Reports 15(2), pp. 145-152
- 53** Two-dimensional electron-momentum distributions for transfer ionization in fast proton-helium collisions Schöffler, M.S., Chuluunbaatar, O., Houamer, S., (...), Gusev, A.A., Dal Cappello, C. 2013 Physical Review A - Atomic, Molecular, and Optical Physics 88(4),042710  
*Open Access*



- 54** Economic power dispatch of power systems with pollution control using artificial bee colony optimization *Open Access* Slimani, L., Bouktir, T. 2013 Turkish Journal of Electrical Engineering and Computer Sciences 21(6), pp. 1515-1527
- 55** Numerical modeling of GaAs solar cell performances *Open Access* Abderrezek, M., Djahli, F., Fathi, M., Ayad, M. 2013 Elektronika ir Elektrotechnika 19(8), pp. 41-44
- 56** Common GPS/Galileo signals: MBOC VS BOC(1,1) performance comparison Zitouni, S., Chikouche, D., Rouabah, K. 2013 2013 8th International Workshop on Systems, Signal Processing and Their Applications, WoSSPA 2013 6602416, pp. 510-514
- 57** New clustering scheme for wireless sensor networks Mohamed-Lamine, M. 2013 2013 8th International Workshop on Systems, Signal Processing and Their Applications, WoSSPA 2013 6602412, pp. 487-491
- 58** Double image encryption based on the reciprocal-orthogonal parametric transform and chaotic maps Azoug, S.E., Bouguezel, S. 2013 2013 8th International Workshop on Systems, Signal Processing and Their Applications, WoSSPA 2013 6602354, pp. 156-161
- 59** Morphology, analysis and properties studies of CdS nanostructures under thiourea concentration effect for photovoltaic applications Al-Douri, Y., Waheb, J.H., Ameri, M., 2013 International Journal of Electrochemical Science 8(8), pp. 10688-10696

- (...), [Bouhemadou, A.](#), [Reshak, A.H.](#)
- 60  [Effect of compatibilizing agents on the physical properties of iPP/HDPE organoclay blends](#) [Boufassa, S.](#), [Doufnoune, R.](#), [Hellati, A.](#), [Haddaoui, N.](#), [Cagiao, M.E.](#) 2013 [Journal of Polymer Engineering](#) 33(7), pp. 589-598
- 61  [Carbon black-modified electrodes as sensitive tools for the electrochemical detection of nitrite and nitrate](#) [Malha, S.I.R.](#), [Mandli, J.](#), [Ourari, A.](#), [Amine, A.](#) 2013 [Electroanalysis](#) 25(10), pp. 2289-2297
- 62  [N,N'-\(2-Hydroxypropane-1,3-diyl\)bis\(2-hydroxybenzamide\) monohydrate](#) [Yebedri, S.](#), [Louhibi, S.](#), [Bouacida, S.](#), [Ourari, A.](#), [Roisnel, T.](#) 2013 [Acta Crystallographica Section E: Structure Reports Online](#) 69(10), pp. o1591  
*Open Access*
- 63  [Increased reactive oxygen species production and p47phox phosphorylation in neutrophils from myeloproliferative disorders patients with JAK2 \(V617F\) mutation](#) [Hurtado-Nedelec, M.](#), [Csillag, M.-J.](#), [Boussetta, T.](#), (...), [Dang, P.M.-C.](#), [El-Benna, J.](#) 2013 [Haematologica](#) 98(10), pp. 1517-1524  
*Open Access*
- 64  [Modified Airy function method modelling of tunnelling current for Schottky barrier diodes on silicon carbide](#) [Latreche, A.](#), [Ouennoughi, Z.](#) 2013 [Semiconductor Science and Technology](#) 28(10),105003
- 65  [Comparative study of resistive and inductive superconducting fault current limiters SFCL for power system transient stability improvement](#) [Messalti, S.](#), [Belkhiat, S.](#) 2013 [Journal of Superconductivity and Novel Magnetism](#) 26(10), pp. 3009-3015

- 66  Ultra soft pseudo potential investigation of fundamental physical properties of  $\text{CaXO}_3$  (X=Sn and Hf) distorted perovskites: A reference study to the perfect perovskites Cherrad, D., Maouche, D., Boudissa, M., (...), Haddadi, K., Medkour, Y. 2013 Physica B: Condensed Matter 429, pp. 95-105
- 67  Existence results for quasistatic contact problem with internal state variables *Open Access* Lebri, N. 2013 International Journal of Pure and Applied Mathematics 87(2), pp. 205-217
- 68  Dyadic wavelet for image coding implementation on a Xilinx MicroBlaze processor: Application to neutron radiography Saadi, S., Touiza, M., Kharfi, F., Guessoum, A. 2013 Applied Radiation and Isotopes 82, pp. 200-210
- 69  Voltage control of a single distributed generation unite in autonomous mode operation under unbalance and non-linear load conditions *Open Access* Daili, Y., Rahmani, L., Gaubert, J.-P. 2013 2013 International Conference on Electrical Engineering and Software Applications, ICEESA 2013 6578400
- 70  A new involutory parametric transform and its application to image encryption Bouguezel, S., Ahmad, M.O., Swamy, M.N.S. 2013 Proceedings - IEEE International Symposium on Circuits and Systems 6572412, pp. 2605-2608
- 71  Dimensioning a hybrid electrification system (PV / WT / DG + battery) using a dynamic simulation *Open Access* Layadi, T.M., Mostefai, M., Champenois, G., Abbes, D. 2013 2013 International Conference on Electrical Engineering and Software Applications, ICEESA 2013 6578443

- 72  Numerical simulation of luminescent downshifting in top cell of monolithic tandem solar cells  
*Open Access* Abderrezek, M., Fathi, M., Djahli, F., Ayad, M. 2013 International Journal of Photoenergy 2013,480634
- 73  Electrochemical production of magnetic co-mo alloys thin films Messaoudi, Y., Azizi, A., Fenineche, N., Schmerber, G., Dinia, A. 2013 Sensor Letters 11(9), pp. 1622-1626
- 74  Theoretical study of the kerr effect in ultrathin films fen/ag(001) Boukelkoul, M., Ouarab, N., Kharoubi, M., Haroun, A. 2013 Sensor Letters 11(9), pp. 1658-1666
- 75  Emphysematous pyelonephritis | [Pyélonéphrite emphysémateuse] Ouyahia, A., Rais, M., Gasmi, A., (...), Guenifi, W., Lacheheb, A. 2013 Annales Francaises de Medecine d'Urgence 3(5), pp. 327-330
- 76  Reactive and adaptive monitoring to secure aggregation in wireless sensor networks Labraoui, N., Gueroui, M., Aliouat, M., Petit, J. 2013 Telecommunication Systems 54(1), pp. 3-17
- 77  Comparison of different metaheuristic algorithms for parameter identification of photovoltaic cell/module Hachana, O., Hemsas, K.E., Tina, G.M., Ventura, C. 2013 Journal of Renewable and Sustainable Energy 5(5),053122
- 78  In vitro bronchorelaxant effects of capparispinosaqueous extracts on rat trachea  
*Open Access* Benzidane, N., Charef, N., Krache, I., Baghiani, A., Arrar, L. 2013 Journal of Applied Pharmaceutical Science 3(9), pp. 85-88
- 79  Chemical composition, antibacterial activity and chromosome number of algerian populations of two chrysanthemum species Lograda, T., Ramdani, M., Chalard, P., (...), Silini, H., Kenoufi, M. 2013 Journal of Applied Pharmaceutical Science 3(8 SUPPL), pp. S6-S11

- |           |  |   |   |
|-----------|--|---|---|
| <b>80</b> | <input type="checkbox"/> <u>Time-dependent Schrödinger equation with non-central potentials</u>                                | <u>Ferkous, N., Bounames, A., Maamache, M.</u>                      | 2013 <u>Physica Scripta</u><br>88(3),035001   |
| <b>81</b> | <input type="checkbox"/> <u>Nonlinear analysis of hexagon-based tensegrity ring: Effect of slackened and yielded cables</u>    | <u>Khellaf, N., Kebiche, K.</u>                                     | 2013 <u>KSCE Journal of Civil Engineering</u><br>17(6), pp. 1371-1382   |
| <b>82</b> | <input type="checkbox"/> <u>Analysis and design of sliding mode controller gains for boost power factor corrector</u>          | <u>Kessal, A., Rahmani, L.</u>                                      | 2013 <u>ISA Transactions</u><br>52(5), pp. 638-643  |
| <b>83</b> | <input type="checkbox"/> <u>On groups whose proper subgroups are chernikov-by-baer or (periodic divisible abelian)-by-baer</u> | <u>Arikan, A., Trabelsi, N.</u>                                     | 2013 <u>Journal of Algebra and its Applications</u><br>12(6),1350015  |
| <b>84</b> | <input type="checkbox"/> <u>Fractional direct power control for active filter</u>  | <u>Afghoul, H., Krim, F., Chikouche, D., Beddar, A., Djazia, K.</u> | 2013 Proceedings of the 2013 IEEE 7th International Power Engineering and Optimization Conference, PEOCO 2013<br>6564548, pp. 228-233 |
| <b>85</b> | <input type="checkbox"/> <u>Active filter under unbalanced and distorted conditions</u>  | <u>Djazia, K., Krim, F., Sarra, M.</u>                              | 2013 Proceedings of the 2013 IEEE 7th International Power Engineering and Optimization Conference, PEOCO 2013<br>6564630, pp. 664-669 |
| <b>86</b> | <input type="checkbox"/> <u>Tracking the maximum power from a PV panels using of Neuro-fuzzy controller</u>                    | <u>Afghoul, H., Krim, F., Chikouche, D., Beddar, A.</u>             | 2013 IEEE International Symposium on Industrial Electronics<br>6563734  |

- |    |   |   |  |
|----|---|---|--|
| 87 | <input type="checkbox"/> <u>Simulation of sliding mode controller to deliver maximum power from PV system using M-file</u>  | <u>Afghoul, H., Krim, F., Chikouche, D., Beddar, A.</u>   | 2013 IEEE International Symposium on Industrial Electronics<br>6563636   |
| 88 | <input type="checkbox"/> <u>Structural, elastic, and thermodynamic properties under pressure of the FeC in the martensitic phase: An ab-initio study</u>                    | <u>Chihi, T., Bouhemadou, A., Bin-Omran, S.</u>           | 2013 <u>High Pressure Research</u><br>33(3), pp. 572-583   |
| 89 | <input type="checkbox"/> <u>Optimal power flow with emission controlled using firefly algorithm</u>   | <u>Herbadji, O., Nadhir, K., Slimani, L., Bouktir, T.</u> | 2013 2013 5th International Conference on Modeling, Simulation and Applied Optimization, ICMSAO 2013<br>6552559  |
| 90 | <input type="checkbox"/> <u>Study of Excitation and Governor power system stabilizers effect on the stability enhancement of a single machine infinite-bus power system</u> | <u>Mayouf, F., Djahli, F., Mayouf, A.</u>                 | 2013 12th International Conference on Environment and Electrical Engineering, EEEIC 2013<br>6549573, pp. 534-538 |
| 91 | <input type="checkbox"/> <u>Firefly algorithm based energy loss minimization approach for optimal sizing &amp; placement of distributed generation</u>                      | <u>Nadhir, K., Chabane, D., Tarek, B.</u>                 | 2013 2013 5th International Conference on Modeling, Simulation and Applied Optimization, ICMSAO 2013<br>6552580  |
| 92 | <input type="checkbox"/> <u>Penguins Search Optimization Algorithm (PeSOA)</u>  | <u>Gheraibia, Y., Moussaoui, A.</u>                       | 2013 <u>Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial</u>                   |

- |                                       |  |   |   |
|---------------------------------------|--|---|---|
| <input type="checkbox"/><br><b>93</b> | <u>Increase the photovoltaic conversion efficiency using Neuro-fuzzy control applied to MPPT</u>                     | <u>Afghoul, H., Krim, F., Chikouche, D.</u>             | 2013 Proceedings of 2013 International Renewable and Sustainable Energy Conference, IRSEC 2013 6529700, pp. 348-353 |
| <input type="checkbox"/><br><b>94</b> | <u>Modeling and performance analysis of multilevel inverter for single-phase grid connected photovoltaic modules</u> | <u>Badoud, A., Khemliche, M., Bacha, S., Raison, B.</u> | 2013 Proceedings of 2013 International Renewable and Sustainable Energy Conference, IRSEC 2013 6529727, pp. 171-176 |
| <input type="checkbox"/><br><b>95</b> | <u>Modelling, design and control of wind diesel hybrid power system using bond graph</u>                             | <u>Badoud, A., Khemliche, M., Bacha, S., Raison, B.</u> | 2013 Proceedings of 2013 International Renewable and Sustainable Energy Conference, IRSEC 2013 6529726, pp. 298-303 |
| <input type="checkbox"/><br><b>96</b> | <u>A compararative study between sliding mode controller and P and O controller applied to MPPT</u>                  | <u>Afghoul, H., Chikouche, D., Krim, F., Beddar, A.</u> | 2013 Proceedings of 2013 International Renewable and Sustainable Energy Conference, IRSEC 2013 6529701, pp. 112-117 |

- 97  TVAC based PSO for solving Economic and Environmental Dispatch considering security constraint Salhi, A., Naimi, D., Bouktir, T. 2013 Proceedings of 2013 International Renewable and Sustainable Energy Conference, IRSEC 2013 6529685, pp. 396-401
- 98  Improvement of transient stability of Algerian power system network with wind farm Naimi, D., Bouktir, T., Salhi, A. 2013 Proceedings of 2013 International Renewable and Sustainable Energy Conference, IRSEC 2013 6529658, pp. 251-256
- 99  Effect of pollution distribution class on insulators flashover under AC voltage Boudissa, R., Bayadi, A., Baersch, R. 2013 Electric Power Systems Research 104, pp. 176-182
- 100  Bond graph modeling and optimization of photovoltaic pumping system: Simulation and experimental results Badoud, A.E., Khemliche, M., Ould Bouamama, B., Bacha, S., Lavado Villa, L.F. 2013 Simulation Modelling Practice and Theory 36, pp. 84-103
- 101  Annealing effect on the magnetic properties of evaporated CoCr thin films Kharmouche, A., Djouada, I., Schmerber, G. 2013 EPJ Applied Physics 63(2),20303
- 102  Adaptive fuzzy sliding mode power system stabilizer using Nussbaum gain Nechadi, E., Harmas, M.N., Essounbouli, N., Hamzaoui, A. 2013 International Journal of Automation and Computing 10(4), pp. 281-287  
*Open Access*



- 103** A study on electrodeposited Co-Mo alloys thin films Messaoudi, Y., Fenineche, N., Guittoum, A., (...), Schmerber, G., Dinia, A. 2013 Journal of Materials Science: Materials in Electronics 24(8), pp. 2962-2969
- 104** Maternal and neonatal behaviors of Ouled Djellal sheep breed and their effects on production parameters Madani, T., Allouche, L., Saffidine, N., (...), Belkasm, F., Semara, L. 2013 Small Ruminant Research 114(1), pp. 46-50
- 105** Effect of Co substitution for Fe in Sr<sub>2</sub>FeMoO<sub>6</sub> on electrocatalytic properties for oxygen reduction in alkaline medium Cheriti, M., Kahoul, A., Azizi, A., Alonso-Vante, N. 2013 Ionics 19(8), pp. 1155-1162
- 106** On the Nilpotency Class of a Generalized 3-Abelian Group *Open Access* Daoud, B., Hamitouche, M., Merikhi, K. 2013 Mediterranean Journal of Mathematics 10(3), pp. 1189-1194
- 107** Morphology and photoelectrochemical characterization of MEH-PPV/PCBM composite film doped with TiO<sub>2</sub> nanoparticles *Open Access* Habelhames, F., Wided, Z., Lamiri, L., Nessark, B., Derbal-Habak, H. 2013 Acta Metallurgica Sinica (English Letters) 26(4), pp. 373-377
- 108** The role of prostaglandin E<sub>2</sub> in human vascular inflammation Gomez, I., Foudi, N., Longrois, D., Norel, X. 2013 Prostaglandins Leukotrienes and Essential Fatty Acids 89(2-3), pp. 55-63
- 109** Electrothermal modeling of coated conductor for a resistive superconducting fault-current limiter Nemdili, S., Belkhiat, S. 2013 Journal of Superconductivity and Novel Magnetism 26(8), pp. 2713-2720

- 110** Study of 6061 weld heat affected zones made with GMAW Benoit, A., Besse, M., Louahdi, R., (...), Paillard, P., Baudin, T. 2013 ASM Proceedings of the International Conference: Trends in Welding Research pp. 1045-1049
- 111** Relationship between flag leaf senescence and grain yield in durum wheat grown under drought conditions Hafsi, M., Hadji, A., Guendouz, A., Maamari, K. 2013 Journal of Agronomy 12(2), pp. 69-77
- 112** Vicia narbonensis L.: Importance of phosphorus fertilization and seeding rate under rainfall conditions Setif high plains Algeria Mebarkia, A., Abbas, K., Slimani, A. 2013 Journal of Agronomy 12(2), pp. 93-98
- 113** A dynamic problem of frictionless contact for elastic-thermoviscoplastic materials with damage *Open Access* Boutechebak, S. 2013 International Journal of Pure and Applied Mathematics 86(1), pp. 173-197
- 114** Corrosion behavior of commercial aluminum alloy processed by equal channel angular pressing *Open Access* Korchef, A., Kahoul, A. 2013 International Journal of Corrosion 2013,983261
- 115** Electronic band structure, optical, thermal and bonding properties of  $\text{XMg}_2\text{O}_4$  (X = Si, Ge) spinel compounds Semari, F., Ouahrani, T., Khachai, H., (...), Amin, B., Rached, D. 2013 International Journal of Modern Physics B 27(18),1350082
- 116** First principles study of structural, electronic and optical properties of  $\text{AgSbS}_2$  Berri, S., Maouche, D., Bouarissa, N., Medkour, Y. 2013 Materials Science in Semiconductor Processing 16(6), pp. 1439-1446

- |   |  |   |
|---|--|---|
| <p>117 <input type="checkbox"/> <u>First-principles calculations of structural, electronic and optical properties of BaGaXH (X=Si, Ge, Sn)</u></p>                                      | <p><u>Chihi, T., Ghebouli, M.A., Ghebouli, B., (...), Fatmi, M., Bin-Omran, S.</u></p>     | <p>2013 <u>Materials Science in Semiconductor Processing</u> 16(6), pp. 1558-1565</p>   |
| <p>118 <input type="checkbox"/> <u>Geologic, topographic and climatic controls in landslide hazard assessment using GIS modeling: A case study of Souk Ahras region, NE Algeria</u></p> | <p><u>Hadji, R., Boumazbeur, A.E., Limani, Y., (...), Chouabi, A.E.M., Demdoun, A.</u></p> | <p>2013 <u>Quaternary International</u> 302, pp. 224-237</p>  |
| <p>119 <input type="checkbox"/> <u>Tracking control for permanent magnet synchronous machine based on Takagi-Sugeno fuzzy models</u></p>  | <p><u>Ounnas, D., Chenikher, S., Bouktir, T.</u></p>                                       | <p>2013 2013 8th International Conference and Exhibition on Ecological Vehicles and Renewable Energies, EVER 2013 6521548</p> |
| <p>120 <input type="checkbox"/> <u>Thermal field in SOFC fed by hydrogen: Inlet gases temperature effect</u></p>  | <p><u>Djamel, H., Hafsia, A., Bariza, Z., Hocine, B.M., Kafia, O.</u></p>                  | <p>2013 <u>International Journal of Hydrogen Energy</u> 38(20), pp. 8575-8583</p>   |
| <p>121 <input type="checkbox"/> <u>Infrared Thermography study of the temperature effect on the performance of photovoltaic cells and panels</u></p>                                    | <p><u>Fares, Z., Becherif, M., Emziane, M., Aboubou, A., Azzem, S.M.</u></p>               | <p>2013 <u>Smart Innovation, Systems and Technologies</u> 22, pp. 875-886</p>   |
| <p>122 <input type="checkbox"/> <u>Chemical and Mechanical Properties of Diss (Ampelodesmos mauritanicus) Fibers</u></p>  | <p><u>Bourahli, M.E.H., Osmani, H.</u></p>   | <p>2013 <u>Journal of Natural Fibers</u> 10(3), pp. 219-232</p>   |
| <p><u>Optimal forage grass germplasm for drought-prone Mediterranean environments</u></p>   | <p><u>Annicchiarico, P., Pecetti, L., Abdelguerfi, A.,</u></p>                             | <p>2013 <u>Field Crops Research</u> 148, pp. 9-14</p>   |

- **123** (...) , Simões, N.M., Volaire, F.
- **124** Existence of solutions for quasilinear elliptic degenerate systems with L1 data and nonlinearity in the gradient Mouida, A., Alaa, N., Mesbahi, S., Bouarifi, W. 2013 Electronic Journal of Differential Equations 2013
- **125** Thermal shock resistance of a soda lime glass Malou, Z., Hamidouche, M., Bouaouadja, N., Chevalier, J., Fantozzi, G. 2013 Ceramics - Silikaty 57(1), pp. 39-44
- **126** Rate equations analysis of a dual-wavelength quantum cascade laser Hamadou, A., Thobel, J.-L., Lamari, S. 2013 Optics Communications 305, pp. 147-154
- **127** Ammonia gas sensors based on in-Situ and Drop-Coated polyaniline nanostructures Kebiche, H., Debarnot, D., Merzouki, A., Poncin-Epaillard, F., Haddaoui, N. 2013 Advanced Materials Research 685, pp. 134-138
- **128** Density functional study of elastic, mechanical and thermodynamic properties of MgCu with a CsCl-type structure Boucetta, S., Zegrar, F. 2013 Journal of Magnesium and Alloys 1(2), pp. 128-133  
*Open Access*
- **129** Acute toxicity study on citrullus colocynthis fruit methanol extract in albino rats Soufane, S., Bedda, A., Mahdeb, N., Bouzidi, A. 2013 Journal of Applied Pharmaceutical Science 3(6), pp. 88-93
- **130** Frictional contact problem for elastic-viscoplastic materials with thermal effect Selmani, M., Selmani, L. 2013 Applied Mathematics and Mechanics (English Edition) 34(6), pp. 761-776

- (Adipato- $\kappa^2$  O,O')diaqua[bis(pyridin-2-yl- $\kappa$ N) amine]cobalt(II) trihydrate  
**131** *Open Access*
- On minimal non-M<sub>r</sub>C-groups  
**132**
- First-principles calculations on elastic, electronic and optical properties for the alkaline platinum hydrides A<sub>2</sub>PtH<sub>6</sub> (A=K, Rb and Cs)  
**133**
- Structural, elastic, electronic and lattice dynamical properties of III-P quaternary alloys matched to AlP  
**134**
- Improvement of photoelectrochemical and optical characteristics of MEH-PPV using titanium dioxide nanoparticles  
**135**
- Alloying effect on K X-ray intensity ratio and production cross section values of Zn and Cr in Zn-Cr alloys  
**136**
- Study of structural, electronic and magnetic properties of Rh<sub>2</sub>MnX (X=Al, Ge and Sn) Heusler alloys using GGA-WC and GGA+U approaches  
**137**
- Setifi, Z., Setifi, F., Smith, G., (...), Avignant, D., Merazig, H. 2013 Acta Crystallographica Section E: Structure Reports Online 69(6), pp. m335-m336
- Bouchelaghem, M., Trabelsi, N. 2013 Ricerche di Matematica 62(1), pp. 97-105
- Bouras, S., Ghebouli, B., Benkerri, M., Ghebouli, M.A., Bouhemadou, A. 2013 Materials Science in Semiconductor Processing 16(3), pp. 940-946
- Bouhemadou, A., Ghebouli, M.A., Ghebouli, B., (...), Uçgun, E., Ocak, H.Y. 2013 Materials Science in Semiconductor Processing 16(3), pp. 718-726
- Habelhames, F., Lamiri, L., Zerguine, W., Nessark, B. 2013 Materials Science in Semiconductor Processing 16(3), pp. 727-731
- Dogan, M., Tirasoglu, E., Karahan, I.H., (...), Cetinkara, H.A., Serifoglu, O. 2013 Radiation Physics and Chemistry 87, pp. 6-15
- Berri, S., Maouche, D., Ibrir, M., (...), Louail, L., Medkour, Y. 2013 Physica B: Condensed Matter 418, pp. 58-64

- 138** Adsorption property and chromatographic affinity of dye-like poly (styrene sodium sulfonate) sorbent toward human serum albumin Belattar, N., Mekhalif, T. 2013 International Journal of Polymeric Materials and Polymeric Biomaterials 62(9), pp. 482-487
- 139** Polypyrrole-covered MnO<sub>2</sub> as electrode material for supercapacitor Bahloul, A., Nessark, B., Briot, E., (...), Zaghbi, K., Julien, C.M. 2013 Journal of Power Sources 240, pp. 267-272
- 140** Strongly Inertial Groups De Falco, M., de Giovanni, F., Musella, C., Trabelsi, N. 2013 Communications in Algebra 41(6), pp. 2213-2227
- 141** Erratum: First principles study of the structural, elastic, electronic and optical properties of CaSrTt (Tt=Si, Ge, Sn and Pb) (Solid State Communications (2012) 152:19 (1800-1806)) Saoudi, A., Hachemi, A., Ferhat-Hamida, A., (...), Hachemi, H., Maamache, M. 2013 Solid State Communications 161, pp. 51
- 142** On certain applications of the khukhro-makarenko theorem *Open Access* Arikan, A., Smith, H., Trabelsi, N. 2013 Glasgow Mathematical Journal 55(2), pp. 275-283
- 143** Large scale purification of the SERCA inhibitor Thapsigargin from Thapsia garganica L. roots using centrifugal partition chromatography Ollivier, A., Grougnet, R., Cachet, X., (...), Boutefnouchet, S., Deguin, B. 2013 Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences 926, pp. 16-20
- 144** Electronic and optical properties of ZnSc<sub>2</sub>S<sub>4</sub> and CdSc<sub>2</sub>S<sub>4</sub> cubic spinels by the modified Becke-Johnson density functional Bouhemadou, A., Al-Essa, S., Allali, D., Ghebouli, M.A., Bin-Omran, S. 2013 Solid State Sciences 20, pp. 127-134

- 145  [Correlation between body condition score, blood biochemical metabolites, milk yield and quality in Algerian Montbéliarde cattle](#) Mouffok, C.-E., Madani, T., Semara, L., Ayache, N., Rahal, A. 2013 [Pakistan Veterinary Journal](#) 33(2), pp. 191-194
- 146  [Dynamics of the polynomial differential systems with homogeneous nonlinearities and a star node](#) Bendjeddou, A., Llibre, J., Salhi, T. 2013 [Journal of Differential Equations](#) 254(8), pp. 3530-3537  
*Open Access*
- 147  [Origin of the polar Kerr rotation in ordered and disordered FePt multilayers](#) Kharoubi, M., Haroun, A., Alouani, M. 2013 [Computational Materials Science](#) 73, pp. 24-32
- 148  [Evaluation of antioxidant activity, free radical scavenging and cuprac of two compounds isolated from Scorzonera undulata ssp deliciosa](#) Brahim, H., Salah, A., Christine, B., Hocine, L., Dijoux-Franca, M.-G. 2013 [Advances in Environmental Biology](#) 7(4), pp. 591-594
- 149  [Structural, morphological and mechanical characteristics of polyethylene, poly\(lactic acid\) and poly\(ethylene-co-glycidyl methacrylate\) blends](#) Djellali, S., Haddaoui, N., Sadoun, T., Bergeret, A., Grohens, Y. 2013 [Iranian Polymer Journal \(English Edition\)](#) 22(4), pp. 245-257  
*Open Access*
- 150  [Semiclassical expansion of the Slater sum for position dependent mass distributions in d dimensions](#) Berkane, K., Bencheikh, K. 2013 [Acta Physica Polonica B](#) 44(4), pp. 685-698  
*Open Access*
- 151  [Structural and magnetic studies of CoCr thin films prepared by physical vapor deposition](#) Tinouche, M., Kharmouche, A., Schmerber, G. 2013 [Journal of Superconductivity and Novel Magnetism](#) 26(4), pp. 769-772

- 152  [Pressure effect on structural, elastic and electronic properties of \(B3\) BSb compound](#) Daoud, S., Bioud, N., Lebga, N., Belagraa, L., Mezouar, R. 2013 [Indian Journal of Physics](#) 87(4), pp. 355-362
- 153  [1-\[4-\(4-\[\(2-Oxidonaphthalen-1-yl\)methylidene\]azaniumylphenoxy\)phenyl\]iminiumylmethylnaphthalen-2-olate](#) Haffar, D., Daoud, D., Douadi, T., Bouzidi, L., Chafaa, S. 2013 [Acta Crystallographica Section E: Structure Reports Online](#) 69(4), pp. o581-o582  
*Open Access*
- 154  [2-\[\(2-Azaniumylethyl\)carbamoyle\]phenolate-phenol \(1/1\)](#) Yebedri, S., Louhibi, S., Bouacida, S., Ourari, A., Roisnel, T. 2013 [Acta Crystallographica Section E: Structure Reports Online](#) 69(4), pp. o497  
*Open Access*
- 155  [M x-ray production cross sections of heavy elements for low and high proton energy](#) Deghfel, B., Kahoul, A., Heraiz, S., Belouadah, N., Nekkab, M. 2013 [Radiation Physics and Chemistry](#) 85, pp. 89-94
- 156  [New Computational Model Based on Finite Element Method to Quantify Damage Evolution Due to External Sulfate Attack on Self-Compacting Concretes](#) Khelifa, M.-R., Guessasma, S. 2013 [Computer-Aided Civil and Infrastructure Engineering](#) 28(4), pp. 260-272
- 157  [Direct power control switching table concept and analysis for three-phase shunt active power filter](#) Chaoui, A., Gaubert, J.-P., Bouafia A. 2013 [Journal of Electrical Systems](#) 9(1), pp. 52-65
- 158  [Transfer ionization and its sensitivity to the ground-state wave function](#) Schöffler, M.S., Chuluunbaatar, O., Popov, Y.V., (...), Galstyan, A.G., Gusev, A.A. 2013 [Physical Review A - Atomic, Molecular, and Optical Physics](#) 87(3),032715  
*Open Access*



- 159  Ab initio calculation of fundamental properties of  $\text{Ca}_x\text{Mg}_{1-x}\text{A}$  (A=Se and Te) alloys in the rock-salt structure Ghebouli, M.A., Choutri, H., Bouarissa, N., (...), Fatmi, M., Uçgun, E. 2013 Physica E: Low-Dimensional Systems and Nanostructures 49, pp. 83-91
- 160  Regressive dynamics of vegetation of Setif high plains : Erosion of plant diversity in djebel Youssef (Algeria) | [Dynamique régressive de la végétation des hautes plaines sétifiennes : Érosion de la diversité floristique du djebel youssef (Algérie)] Cheramat, S., Djellouli, Y., Gharzouli, R. 2013 Revue d'Ecologie (La Terre et la Vie) 68(1), pp. 85-100
- 161  A new histogram-based estimation technique of entropy and mutual information using mean squared error minimization Hacine-Gharbi, A., Deriche, M., Ravier, P., Harba, R., Mohamadi, T. 2013 Computers and Electrical Engineering 39(3), pp. 918-933
- 162  Ontology and tool support for quality service management Altı, A., Boukerram, A., Roose, P. 2013 Journal of Systems and Information Technology 15(1), pp. 4-23
- 163  An adaptive anisotropic magnification algorithm of numerical reconstructed holographic image via a cascaded Fresnel transform Chaab, O., Bouamama, L., Simoëns, S. 2013 Optics Communications 291, pp. 61-69
- 164  Deinked and acetylated fiber of newspapers Nedjma, S., Djidielli, H., Boukerrou, A., Benachour, D., Chibani, N. 2013 Journal of Applied Polymer Science 127(6), pp. 4795-4801
- 165  Linear mean-square stability analysis of weak order 2.0 semi-implicit Taylor schemes for scalar stochastic differential equations Tocino, A., Zeghdane, R., Abbaoui, L. 2013 Applied Numerical Mathematics 68, pp. 19-30

- |  |   |  |
|--|---|--|
| <p><input type="checkbox"/> <b>166</b> <u>Conducting organic polymers modified by incorporation of semiconductor (Poc/sm)-synthesis and electrochemical characterization of composite materials</u><br/><i>Open Access</i></p> | <p><u>Nessark, B., Abaci, S., Habelhames, F., Lamiri, L., Lmimouni, K.</u></p>    | <p>2013 <u>Renewable Energy and Power Quality Journal</u><br/>1(11), pp. 973-977</p>                 |
| <p><input type="checkbox"/> <b>167</b> <u>Handwritten characters recognition based on nature-inspired computing and neuro-evolution</u></p>  | <p><u>Nebti, S., Boukerram, A.</u></p>  | <p>2013 <u>Applied Intelligence</u><br/>38(2), pp. 146-159</p>                                       |
| <p><input type="checkbox"/> <b>168</b> <u>Some inequalities and asymptotic behavior of a dynamic problem of linear elasticity</u></p>  | <p><u>Benseridi, H., Dirmi, M.</u></p>  | <p>2013 <u>Georgian Mathematical Journal</u><br/>20(1), pp. 25-41</p>                                |
| <p><input type="checkbox"/> <b>169</b> <u>Economic Dispatch Using Improved Differential Evolution Approach: A Case Study of the Algerian Electrical Network</u></p>  | <p><u>Sayah, S., Hamouda, A., Zehar, K.</u></p>                                   | <p>2013 <u>Arabian Journal for Science and Engineering</u><br/>38(3), pp. 715-722</p>                |
| <p><input type="checkbox"/> <b>170</b> <u>Power Factor Corrector with a Fast Regulation and Constant Switching Frequency</u></p>   | <p><u>Kessal, A., Rahmani, L., Gaubert, J.-P., Mostefai, M.</u></p>               | <p>2013 <u>Arabian Journal for Science and Engineering</u><br/>38(3), pp. 651-659</p>                |
| <p><input type="checkbox"/> <b>171</b> <u>Evaluation by fast Fourier transforms analysis of energy harvesting in electrostrictive polymers driven by an electric field and a mechanical excitation</u></p>                     | <p><u>Meddad, M., Eddiai, A., Guyomar, D., (...), Yuse, K., Boughaleb, Y.</u></p> | <p>2013 <u>Journal of Intelligent Material Systems and Structures</u><br/>24(4), pp. 411-420</p>     |
| <p><input type="checkbox"/> <b>172</b> <u>Optimal capacitors sizing in distribution feeders using heuristic search based node stability-indices</u></p>  | <p><u>Hamouda, A., Sayah, S.</u></p>  | <p>2013 <u>International Journal of Electrical Power and Energy Systems</u><br/>46(1), pp. 56-64</p> |

- Elastic and thermodynamic properties of ZnSc<sub>2</sub>S<sub>4</sub> and CdSc<sub>2</sub>S<sub>4</sub> compounds under pressure and temperature effects  
**173**
- Bouhemadou, A., Uğur, G., Uğur, Ş., (...), Bin-Omran, S., Al-Douri, Y. 2013 Computational Materials Science 70, pp. 107-113
- A hybrid differential evolution algorithm based on particle swarm optimization for nonconvex economic dispatch problems  
**174**
- Sayah, S., Hamouda, A. 2013 Applied Soft Computing Journal 13(4), pp. 1608-1619
- Purification and biochemical characterization of a highly thermostable bacteriocin isolated from Brevibacillus brevis strain GM100  
**175**  
*Open Access*
- Ghadbane, M., Harzallah, D., Laribi, A.I., Jaouadi, B., Belhadj, H. 2013 Bioscience, Biotechnology and Biochemistry 77(1), pp. 151-160
- Electrochemical scaling of stainless steel in artificial seawater: Role of experimental conditions on CaCO<sub>3</sub> and Mg(OH)<sub>2</sub> formation  
**176**
- Karoui, H., Riffault, B., Jeannin, M., (...), Ben Amor, M., Tlili, M.M. 2013 Desalination 311, pp. 234-240
- Improved mathematical model of a traveling wave ultrasonic motor ( Book Chapter)  
**177**
- Belkhiat, S., Boumous, Z., Kebbab, F.Z. 2013 Ultrasonics: Theory, Techniques and Practical Applications pp. 121-144
- The use of three physico-chemical methods in the study of the organic matter associated with the sedimentary phosphorites in Djebel Onk Basin, Algeria  
**178**
- Dass Amieur, M., Mezghache, H., Elouadi, B. 2013 Arabian Journal of Geosciences 6(2), pp. 309-319
- Influence of the electrodeposition potential on the co-cu alloys thin films properties  
**179**
- Mentar, L., Khelladi, M.R., Beniaiche, A., Azizi, A. 2013 International Journal of Nanoscience 12(1),1250038

- 180  Existence Result for Triangular Reaction-Diffusion Systems with  $L^1$  Data and Critical Growth with Respect to the Gradient Alaa, N.E., Salim, M. 2013 Mediterranean Journal of Mathematics 10(1), pp. 255-275
- 181  Hair-zinc levels determination in Algerian psoriatics using Instrumental Neutron Activation Analysis (INAA) Mansouri, A., Hamidatou Alghem, L., Beladel, B., (...), Bendaas, A., Benamar, M.E.A. 2013 Applied Radiation and Isotopes 72, pp. 177-181
- 182  Photoluminescence and electron-vibrational interaction in  $4f^{n-1}5d$  states of  $Ce^{3+}$  or  $Pr^{3+}$  ions doped  $LnBO_3$  ( $Ln=Lu, Y, La$ ) orthoborates materials Guerbous, L., Seraiche, M., Krachni, O. 2013 Journal of Luminescence 134, pp. 165-173
- 183  Magnetic anisotropy factors of vapor deposited CoCr thin films on Si and glass substrates Kharmouche, A. 2013 Journal of Magnetism and Magnetic Materials 327, pp. 91-94
- 184  Structure and anion effect on conductivity and K and L shell fluorescence parameters at green solvents Aylikci, V., Ünver, Y., Düğdü, E., (...), Cengiz, E., Apaydin, G. 2013 Chemical Physics Letters 556, pp. 365-371
- 185  Comment on 'Four-body charge transfer processes in proton-helium collisions' Houamer, S., Popov, Y.V. 2013 Journal of Physics B: Atomic, Molecular and Optical Physics 46(2),028001  
*Open Access*
- 186  Structural and elastic properties of ternary metal nitrides  $Ti_xTa_{1-x}N$  alloys: First-principles calculations versus experiments Djemia, P., Benhamida, M., Bouamama, K., (...), Faurie, D., Abadias, G. 2013 Surface and Coatings Technology 215, pp. 199-208

- 187  Acousto-optic method for quality control of water mixed with miscible liquids Ferria, K., Griani, L., Laouar, N. 2013 Optics and Laser Technology 49, pp. 51-55
- 188  A frictional contact problem with damage and adhesion for an electro elastic-viscoplastic body Aissaoui, A., Hemici, N. 2013 Electronic Journal of Differential Equations 2014
- 189  Genetic variability, heritability and association studies in bread wheat (*Triticum aestivum* L.) genotypes Fellahi, Z., Hannachi, A., Guendouz, A., Bouzerzour, H., Boutekrabt, A. 2013 Electronic Journal of Plant Breeding 4(2), pp. 1161-1166
- 190  The effect of urbanization on the phenotype of the Collared Dove (*Streptopelia decaocto*) in northeastern Algeria Belabed, A.I., Aouissi, H.A., Zediri, H., (...), Eraud, C., Bouslama, Z. 2013 Bulletin de l'Institut Scientifique, Section Sciences de la Terre (35), pp. 155-164
- 191  Phytoecological characterization of the wetland Chott El Beida (Setif, Algeria) Aliat, T., Kaabeche, M. 2013 Bulletin de l'Institut Scientifique, Section Sciences de la Terre (35), pp. 35-41
- 192  BaTiO<sub>3</sub> effect on the dielectric properties of PVC Madani, L., Bf.rrag, A., Belkhiat, S. 2013 Annales de Chimie: Science des Materiaux 38(3-4), pp. 167-177
- 193  Microstructural and mechanical characterization of refractories based on Kaolin DD3 and dolomite (5-20% wt) | [Elaboration et caracterisation microstructurale et mecanique des refract aires a base de kaolin DD3 et de dolomite (5-20%POIDS)] Bounib, H., Osmani, H., Loucif, K., Chevalierb, J., Fantozzib, G. 2013 Annales de Chimie: Science des Materiaux 38(3-4), pp. 131-145

- 194  Impacts of climate change on cereal production in the setif high plains (North-East of Algeria) ( Book Chapter) Fenni, M. 2013 Causes, Impacts and Solutions to Global Warming pp. 225-231
- 195  CVL@b: A Collaborative Virtual L@boratory development and experimentation Mechta, D., Harous, S., Djoudi, M. 2013 Proceedings of the IADIS International Conference WWW/Internet 2013, ICWI 2013 pp. 125-132
- 196  Diallel-cross analysis of grain yield and stress tolerance-related traits under semi-arid conditions in Durum wheat (Triticum durum Desf.) Hannachi, A., Fellahi, Z.E.A., Bouzerzour, H., Boutakrabt, A. 2013 Electronic Journal of Plant Breeding 4(1), pp. 1027-1033
- 197  Effect of a carboxylic acid on rheological properties of a high alumina cement mortar Farouk, B., Mohamed, H., Mostafa, K., Nouredine, B., Gilbert, F. 2013 Iranian Journal of Chemistry and Chemical Engineering 32(4), pp. 49-57
- 198  Improvement of the surface state of a sandblasted glass by depositing a thin layer of SiO<sub>2</sub> using sol-gel technique *Open Access* Abdelhak, M., Nourredine, B., Alicia, D., Yolanda, C. 2013 MATEC Web of Conferences 5,04021
- 199  Rheological and mechanical properties of recycled poly(ethylene terephthalate)/high density polyethylene blends *Open Access* Guessoum, M., Medjdoub, N., Nekkaa, S., Haddaoui, N. 2013 MATEC Web of Conferences 5,04026
- 200  Structural, elastic, electronic and magnetic properties of Fe<sub>3</sub>AC; A = Al, Ga and in *Open Access* Medkour, Y., Roumili, A., Saoudi, A., Louail, L., Maouche, D. 2013 MATEC Web of Conferences 5,04042

- Study of the surface size defects in the case of a soda lime glass eroded by sandblasting *Open Access* Faci, A., Kolli, M., Bouaouadja, N., Chabane, B. 2013 MATEC Web of Conferences 5,04038
- E-PACAD: A collaborative learning environment based ontologies Mediani, C., Djoudi, M. 2013 2013 4th International Conference on Information and Communication Technology and Accessibility, ICTA 2013 6815291
- Performance of ten durum wheat (Triticum durum Desf.) Cultivars under semi arid conditions (North Africa -Algeria-) Guendouz, A., Guessoum, S., Maamri, K., Benidir, M., Hafsi, M. 2013 Indian Journal of Agricultural Research 47(4), pp. 317-322
- The Mokeddem's desert: Identity reference and poetic expression | [Le désert Mokeddemien: Référence identitaire et expression poétique] Boudjadja, M. 2013 Synergies Algerie 19(1), pp. 75-81
- DC-voltage regulation of a five levels neutral point clamped cascaded converter for wind energy conversion system Merahi, F., Mekhilef, S., Bcrkouk, E.M., Taallah, A. 2013 2013 4th IEEE International Symposium on Power Electronics for Distributed Generation Systems, PEDG 2013 - Conference Proceedings 6785632
- Second order sliding mode control of a permanent magnet synchronous motor Bounasla, N., Hemsas, K.E. 2013 14th International Conference on Sciences and Techniques of

- 206** Automatic Control and Computer Engineering, STA 2013 6783184, pp. 535-539
- 207** An optical BILBO for online testing of embedded systems Latoui, A., Diahli, F. 2013 IEEE Design and Test 30(3),2204398, pp. 34-48
- 208** Improving silicon solar cell efficiency by using the impurity photovoltaic effect Azzouzi, G., Tazibt, W. 2013 Energy Procedia 41, pp. 40-49  
*Open Access*
- 209** Electrochemical behavior of polyvinyl chloride electrode modified by platinum micro particles Zoubeidi, N., Ourari, A., Tabchouche, A., Zerrouki, D. 2013 Energy Procedia 36, pp. 1002-1008  
*Open Access*
- 210** Investigation of wind characteristics in the southern region of Algeria Benatallah, M.F., Chegaar, M. 2013 Energy Procedia 36, pp. 707-713  
*Open Access*
- 211** Effect of illumination intensity on solar cells parameters Chegaar, M., Hamzaoui, A., Namoda, A., (...), Aillerie, M., Herguth, A. 2013 Energy Procedia 36, pp. 722-729  
*Open Access*
- 212** Air mass effect on the performance of organic solar cells Guechi, A., Chegaar, M., Aillerie, M. 2013 Energy Procedia 36, pp. 714-721  
*Open Access*
- 213** Thermodynamic properties of Fe<sub>2</sub>B under high pressure from first-principles calculations Ibrir, M., Berri, S., Alleg, S., Bensalem, R. 2013 Energy Procedia 36, pp. 612-617  
*Open Access*



- Solar cells electrical behavior under thermal gradient Bensalem, S., Chegaar, 2013 Energy Procedia  
**214** *Open Access* M., Aillerie, M. 36, pp. 1249-1254
- Contribution to the quantification of solar radiation in Algeria Nia, M., Chegaar, 2013 Energy Procedia  
**215** *Open Access* M., Benatallah, 36, pp. 730-737  
 M.F., Aillerie, M.
- Electrochemistry preparation of electrodes based on polypyrrole and polymethylpyrrole/manganese dioxide particles Tabchouche, A., Ourari, 2013 Energy Procedia  
**216** *Open Access* A., Zoubeidi, N., Zerrouki, D. 36, pp. 1009-1017
- Automatic adaptation of multimedia documents Adel, A., Laborie, S., Roose, 2013 Procedia Computer Science  
**217** *Open Access* P. 19, pp. 992-997
- Context-aware quality adaptation using rich explicit constraints in e-health system Alti, A., Laborie, S., Roose, P. 2013 Proceedings - 8th International Workshop on Semantic and Social Media Adaptation and Personalization, SMAP 2013  
**218** 6735566, pp. 47-52
- Improving the quality of energy in grid connected photovoltaic systems Boukezata, B., Chaoui, 2013 2013 3rd International Conference on Systems and Control, ICSC 2013  
**219** A., Gaubert, J.-P., Hachemi, 6750995, pp. 1122-1126  
 M.
- Maximum Power Point Tracking (MPPT) for Photovoltaic systems using open circuit voltage and short circuit current Hadji, S., Gaubert, J.- 2013 2013 3rd International Conference on Systems and Control, ICSC 2013  
**220** P., Krim, F. 6750840, pp. 87-92

- |  |   |  |
|--|---|--|
| <p>□ <u>Sliding mode observer for the synchronous machine with permanent magnets</u></p> <p><b>221</b></p>   | <p><u>Bouchareb, H., Semcheddine, S.</u></p>  | <p>2013 2013 3rd International Conference on Systems and Control, ICSC 2013 6750947, pp. 786-791</p>                 |
| <p>□ <u>Implementation of Direct Power Control for shunt active power filter</u></p> <p><b>222</b></p>   | <p><u>Afghoul, H., Krim, F., Chikouche, D., Beddar, A., Babes, B.</u></p>                   | <p>2013 2013 3rd International Conference on Systems and Control, ICSC 2013 6750935, pp. 697-701</p>                 |
| <p>□ <u>Frictional contact problem with wear for electro-viscoelastic materials with long memory</u></p> <p><b>223</b></p> <p><i>Open Access</i></p> | <p><u>Selmani, M.</u></p>   | <p>2013 <u>Bulletin of the Belgian Mathematical Society - Simon Stevin</u> 20(3), pp. 461-479</p>                    |
| <p>□ <u>Study of precipitation kinetics in Al-3.7 wt% Cu alloy during non-isothermal and isothermal ageing</u></p> <p><b>224</b></p>                 | <p><u>Fatmi, M., Ghebouli, B., Ghebouli, M.A., (...), Ouakdi, E.-H., Heiba, Z.A.</u></p>    | <p>2013 <u>Chinese Journal of Physics</u> 51(5), pp. 1019-1032</p>   |
| <p>□ <u>An effective method to recognize the language of a text in a collection of multilingual documents</u></p> <p><b>225</b></p>                  | <p><u>Kadri, S., Moussaoui, A.</u></p>  | <p>2013 2013 International Conference on Electronics, Computer and Computation, ICECCO 2013 6718265, pp. 208-211</p> |
| <p>□ <u>TiO<sub>2</sub> thin films studied by FTIR, AFM and spectroscopic ellipsometry</u></p> <p><b>226</b></p>                                     | <p><u>Bouachiba, Y., Hanini, F., Bouabellou, A., (...), Sahli, S., Boukheddaden, K.</u></p> | <p>2013 <u>International Journal of Nanoparticles</u> 6(2-3), pp. 169-177</p>  |

- 227** Properties of Al-doped ZnO thin films grown by pulsed laser deposition on Si(100) substrates Kermiche, F., Taabouche, A., Hanini, F., (...), Bouafia, M., Amara, S. 2013 International Journal of Nanoparticles 6(2-3), pp.93-102
- 228** Characterisation of TCO AZO/glass structures by spectroscopic ellipsometry Amara, S., Bouafia, M. 2013 International Journal of Nanoparticles 6(2-3), pp. 122-131
- 229** Structural, elastic, and electronic properties of  $\text{CuCl}_x\text{Br}_{(1-x)}$  compounds under pressure Ghebouli, B., Ghebouli, M.A., Fatmi, M., (...), Heiba, Z., Boucetta, S. 2013 Chinese Journal of Physics 51(4), pp. 738-751
- 230** Fuzzy multi-objective optimal power flow using genetic algorithms applied to algerian electrical network  
*Open Access* Salhi, A., Naimi, D., Bouktir, T. 2013 Advances in Electrical and Electronic Engineering 11(6), pp. 443-454
- 231** Thermomechanical, plastic deformation and quenching effects on precipitation in Pb-17.4 wt. % Sn alloy Fatmi, M., Boumerzoug, Z., Ghebouli, B., (...), Ghebouli, M.A., Heiba, Z.K. 2013 Journal of Optoelectronics and Advanced Materials 15(11-12), pp. 1256-1262
- 232** Selective removal of dodecyl sulfate during electrolysis with aluminum electrodes Flilissa, A., Méléard, P., Darchen, A. 2013 Desalination and Water Treatment 51(34-36), pp. 6719-6728
- 233** External temperature and pressure effects on thermodynamic properties and mechanical stability of yttrium chalcogenides  $\text{YX}$  (X=S, Se and Te) Seddik, T., Khenata, R., Bouhemadou, A., (...), Reshak, A.H., Bin-Omran, S. 2013 Physica B: Condensed Matter 428, pp. 78-88

- 234** A new technique for maximizing the energy harvested using electrostrictive polymer composite Eddiai, A., Meddad, M., Sbiaai, K., (...), Hajjaji, A., Guyomar, D. 2013 Optical Materials 36(1), pp. 13-17
- 235** Lowest of AC-DC power output for electrostrictive polymers energy harvesting systems Meddad, M., Eddiai, A., Hajjaji, A., (...), Boughaleb, Y., Chérif, A. 2013 Optical Materials 36(1), pp. 80-85
- 236** Ab-initio calculations of the photoelastic constants of the cubic SiC polytype  
*Open Access* Djemia, P., Bouamama, K. 2013 Journal of Physics: Conference Series 454(1),012060
- 237** Screening of antimicrobial and antioxidant secondary metabolites from endophytic fungi isolated from wheat (triticum durum)  
*Open Access* Sadrati, N., Daoud, H., Zerroug, A., Dahamna, S., Bouharati, S. 2013 Journal of Plant Protection Research 53(2), pp. 129-136
- 238** Contributing vertices-based Minkowski difference (CVMD) of polyhedra and applications Barki, H., Dupont, F., Denis, F., Benmahammed, K., Benhabiles, H. 2013 3D Research 4(4),1, pp. 1-16
- 239** Variational analysis of an electro viscoelastic contact problem with friction  
*Open Access* Zhor, L., Zellagui, Z., Benseridi, H., Drabla, S. 2013 Journal of the Association of Arab Universities for Basic and Applied Sciences 14(1), pp. 93-100

- 240** First-principles prediction of the structural, elastic, electronic and optical properties of the Zintl phases  $MIn_2P_2$  (M = Ca, Sr) Guechi, N., Bouhemadou, A., Guechi, A., (...), Chegaar, M., Bin-Omran, S. 2013 Journal of Alloys and Compounds 577, pp. 587-599
- 241** Extension of Karmarkar's algorithm for solving an optimization problem Djeflal, E.A., Djeflal, L., Benterki, D. 2013 Springer Proceedings in Mathematics and Statistics 41, pp. 263-271
- 242** Modal SSDI-Max technique of a smart beam structure: Broadband excitation Chérif, A., Richard, C., Guyomar, D., (...), Eddiai, A., Hajjaji, A. 2013 Journal of Optoelectronics and Advanced Materials 15(5-6), pp. 438-446
- 243** Analysis of micro power generator autonomous PZT with use of sliding mode control Meddad, M., Eddiai, A., Belkhiat, S., (...), Sassi, Z., Touhtouh, S. 2013 Journal of Optoelectronics and Advanced Materials 15(5-6), pp. 487-492
- 244** A Flavonoid from n-butanol extract of anthemis pedunculata Benahmed, M., Akkal, S., Elomri, A., (...), Laouer, H., Vérité, P. 2013 Acta Horticulturae 997, pp. 145-148
- 245** The management of soil and water for date palm El-Hadjira region, दौरa of Touggourt (South of Algeria) Chennafi, H. 2013 Acta Horticulturae 994, pp. 105-110
- 246** Ionization of thymine by electron impact: Investigation of inner shell orbitals Cappello, C.D., Rezkallah, Z., Houamer, S., (...), Hervieux, P.A., Ruiz-Lopez, M.F. 2013 European Physical Journal D 67(6),117

- 247** Optical, electrical and photoelectrochemical characterization of electropolymerized poly methylene blue on fluorine doped tin oxide conducting glass Hichem, H., Djamila, A., Hania, A. 2013 Electrochimica Acta 106, pp. 69-74
- 248** Spin crossover (SCO) iron(II) coordination polymer chain: Synthesis, structural and magnetic characterizations of [Fe(abpt)<sub>2</sub>(μ-M(CN)<sub>4</sub>)] (M = Pt<sup>II</sup> and Ni<sup>II</sup>) Setifi, F., Charles, C., Houille, S., (...), Gómez-García, C.J., Pillet, S. 2013 Polyhedron 61, pp. 242-247
- 249** Improved grating monopole antenna with zigzag for DVB-T application Zebiri, C., Ney, M., Abd-Alhameed, R.A., (...), Lashab, M., See, C.H. 2013 Progress in Electromagnetics Research Letters 41, pp. 39-49
- 250** Numerical simulation of springback during an operation of V-bending, application to titanium and aluminum sheets Ahmed, M., Pouzols, V., Tabourot, L., Balland, P., Ouakdi, E.H. 2013 Solid State Phenomena 201, pp. 69-78
- 251** A novel copper(II)-Schiff base complex containing pyrrole ring: Synthesis, characterization and its modified electrodes applied in oxidation of aliphatic alcohols Ourari, A., Aggoun, D., Ouahab, L. 2013 Inorganic Chemistry Communications 33, pp. 118-124  
*Open Access*
- 252** Effect of pH at early formed structures in cobalt electrodeposition Ali, S., Salim, M. 2013 Asian Journal of Chemistry 25(8), pp. 4137-4140  
*Open Access*
- 253** Magnetic gear generator for wind energy | [Generator z przekładnią magnetyczną do elektrowni wiatrowych] Belkhir, K.S., Khenfer, N. 2013 Przegląd Elektrotechniczny 89(5), pp. 72-75

- 254** Density functional study of structural, mechanic, thermodynamic and dynamic properties of sige alloys Languueur, H., Kassali, K., Lebgaa, N. 2013 Journal of Computational and Theoretical Nanoscience 10(1), pp. 86-94
- 255** A simple model for secondary clarifier: Application to wastewater treatment plant Bakiri, Z., Nacef, S. 2013 Desalination and Water Treatment 51(7-9), pp. 1571-1576
- 256** Binary discrete cosine and hartley transforms Bouguezel, S., Ahmad, M.O., Swamy, M.N.S. 2013 IEEE Transactions on Circuits and Systems I: Regular Papers 60(4),6375773, pp. 989-1002
- 257** Asymmetrical effects of bi-anisotropic substrate-superstrate sandwich structure on patch resonator  
*Open Access* Zebiri, C., Lashab, M., Benabdelaziz, F. 2013 Progress In Electromagnetics Research B (49), pp. 319-337
- 258** Electrochemical nucleation behaviours and properties of electrodeposited Co-Ni alloy thin films Tebbakh, S., Beniaiche, A., Fenineche, N., (...), Schmerber, G., Dinia, A. 2013 Transactions of the Institute of Metal Finishing 91(1), pp. 17-23
- 259** Influence of Surface Flour Treatment on the Thermal, Structural and Morphological Properties of Polypropylene/ Spartium Junceum Flour Composites Nekkaa, S., Guessoum, M., Benamara, R., Haddaoui, N. 2013 Polymer - Plastics Technology and Engineering 52(2), pp. 175-181
- 260** Characterization of high quality Cu(In,Ga)Se<sub>2</sub> thin films prepared by rf-magnetron sputtering Bouchama, L., Djessas, K., Bouloufa, A., Gauffier, J.-L. 2013 Physica Status Solidi (C) Current Topics in Solid State Physics 10(1), pp. 129-132

- 261** Tris(1,10-phenanthroline- $\kappa^2$  N,N')iron(II) bis(1,1,3,3-tetracyano-2-ethoxypropenide) hemihydrate *Open Access* Setifi, Z., Setifi, F., Ng, S.W., (...) , El-Ghozzi, M., Avignant, D. 2013 Acta Crystallographica Section E: Structure Reports Online 69(1), pp. m12-m13
- 262** A study on electrodeposited zinc oxide nanostructures Khelladi, M.R., Mentar, L., Beniaiche, A., Makhloufi, L., Azizi, A. 2013 Journal of Materials Science: Materials in Electronics 24(1), pp. 153-159
- 263** Optical characteristics of ZnTe<sub>1-x</sub>O<sub>x</sub> alloys from first-principles calculations Gueddim, A., Zerroug, S., Bouarissa, N. 2013 Journal of Luminescence 135, pp. 243-247
- 264** High pressure induced structural, elastic and electronic properties of Calcium Chalcogenides CaX (X = S, Se and Te) via first-principles calculations Boucenna, S., Medkour, Y., Louail, L., (...), Hachemi, A., Roumili, A. 2013 Computational Materials Science 68, pp. 325-334
- 265** Adaptive control of stiffness by electroactive polyurethane Yuse, K., Guyomar, D., Audigier, D., (...), Meddad, M., Boughaleb, Y. 2013 Sensors and Actuators, A: Physical 189, pp. 80-85
- 266** Corrigendum to: "Characterization and MCNP simulation of neutron energy spectrum shift after transmission through strong absorbing materials and its impact on tomography reconstructed image". [Applied Radiation and Isotopes 70 (2012) 2355-2361] Hachouf, N., Kharfi, F., Boucenna, A. 2013 Applied Radiation and Isotopes 71(1), pp. 72
- 267** Ab initio study of structural parameters and optical properties of ZnTe<sub>1-x</sub>O<sub>x</sub> Zerroug, S., Gueddim, A., Ajmal Khan, M., Bouarissa, N. 2013 Superlattices and Microstructures 53(1), pp. 155-162



- The fractional linear systems of equations within an operational Baleanu, D., Saadatmandi, 2013 Journal of Computational and  
**268** approach A., Kadem, A., Dehghan, M. Nonlinear Dynamics  
8(2),021011