

Université Ferhat ABBAS Sétif 1

Production scientifique de l'année 2016

(358 publications)

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| <input type="checkbox"/>
1 | <u>Identification of Continuous Time Linear Parameter Varying models based on Reinitialized Partial Moments</u> | <u>Chouaba, S.E.A., Sari, B., Belkhiat, D.E.C.</u> | 2016 <u>IECON Proceedings (Industrial Electronics Conference)</u>
7794123, pp. 172-177 |
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2 | <u>Step by Step Assembly of Polynuclear Lanthanide Complexes with a Phosphonated Bipyridine Ligand</u> | <u>Souri, N., Tian, P., Lecointre, A., (...), Platas-Iglesias, C., Charbonnière, L.J.</u> | 2016 <u>Inorganic Chemistry</u>
55(24), pp. 12962-12974 |
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3 | <u>Ab-initio study of the magneto-optical properties of the ultrathin films of Fe_n/Au(001)</u> | <u>Boukelkoul, M., Haroun, M.F., Haroun, A.</u> | 2016 <u>Journal of Magnetism and Magnetic Materials</u>
420, pp. 166-170 |
| <input type="checkbox"/>
4 | <u>Load balancing in the cloud using specialization</u> | <u>Hammoudi, S., Benaouda, A., Harous, S., Aliouat, Z.</u> | 2016 2016 IEEE 7th Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2016
7777853 |

- 5** Improving LEACH-C using sink mobility Mechta, D., Harous, S. 2016 2016 IEEE 7th Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2016 7777901
- 6** SC-FDMA/OFDMA system under outdoor NLOS measurement channel at 30 GHz Khelil, A., Talbi, L., Lebel, J., Slimani, D. 2016 International Congress on Ultra Modern Telecommunications and Control Systems and Workshops 2016-December, 7765356, pp. 196-200
- 7** Fracture characterisation of float glass under static and dynamic loading *Open Access* Nyounguè, A., Bouzid, S., Dossou, E., Azari, Z. 2016 Journal of Asian Ceramic Societies 4(4), pp. 371-380
- 8** Analysis of service-aged 200 kV and 400 kV silicone rubber insulation in the Gulf region Ghunem, R.A., Tay, L.-L., Terrab, H., El-Hag, A.H. 2016 IEEE Transactions on Dielectrics and Electrical Insulation 23(6), 7823407, pp. 3539-3546
- 9** Role of cystomanometry using water column in the evaluation of neurogenic bladder in children | [Place de la cystomanométrie à colonne d'eau dans l'exploration des vessies neurologiques chez l'enfant] *Open Access* Ait Yahia, S., Soualili, Z., Mahnane, A., (...), Boukharouba, H., Sayah, C. 2016 African Journal of Urology 22(4), pp. 293-296

- 10 First-principles investigations of electronic properties and optical spectra of Cd_{1-x}Mn_xTe dilute magnetic semiconductors Gueddim, A., Madjet, M.E., Zerroug, S., Bouarissa, N. 2016 Optical and Quantum Electronics 48(12),551
- 11 Corrosion inhibition of carbon steel in 1 M H₂SO₄ solution by Thapsia villosa extracts Kalla, A., Benahmed, M., Djeddi, N., Akkal, S., Laouer, H. 2016 International Journal of Industrial Chemistry 7(4), pp. 419-429
Open Access
- 12 Improved sensitivity of 2D annular photonic crystal biosensor working at THz frequency range Bendib, S., Zegadi, A., Djefal, N. 2016 Optical and Quantum Electronics 48(12),528
- 13 Elastic properties and optical spectra of ZnS_{1-x}O_x dilute semiconductor alloys Bellouche, A., Gueddim, A., Zerroug, S., Bouarissa, N. 2016 Optik 127(23), pp. 11374-11378
- 14 High gain long-read range AMC-backed tag antenna for european UHF RFID applications Hamzaoui, D., Djahli, F., Vuong, T.-P., Quynh Van Hoang, T., Kiani, G. 2016 Microwave and Optical Technology Letters 58(12), pp. 2944-2948
- 15 Neyman–Pearson Test for Fault Detection in the Process Dynamics Aggoune, L., Chetouani, Y. 2016 Journal of Failure Analysis and Prevention 16(6), pp. 999-1005
- 16 Comment on the paper “Conversion of Laguerre-Gaussian beams into Gaussian beams of reduced focal spot by use of a circular echelon” Bencheikh, A. 2016 Optik 127(24), pp. 11884-11885

- 17** Comment on “Structural, electronic, elastic, optical and thermodynamic properties of copper halides CuCl, CuBr and their ternary alloys CuCl_{1-x}Br_x (0.0 ≤ x ≤ 1.0) using full-potential linear muffin-tin orbital (FP-LMTO) method” [Optik 127 (2016) 4559–4573] Bioud, N. 2016 Optik 127(23), pp. 11395-11397
- 18** Chirped soliton solutions of the cubic-quintic Swift-Hohenberg equation with space-dependent coefficients Adouane, A., Djabi, S., Boubir, B. 2016 Optik 127(24), pp. 11627-11635
- 19** Crystal Structures, Optical Properties, and TD-DFT Study of a Zinc(II) Schiff-Base Complex Derived from Salicylaldehyde and N¹-(3-aminopropyl)Propane-1,3-Diamine AlDamen, M.A., Charef, N., Juwhari, H.K., (...), Mubarak, M.S., Peters, D.G. 2016 Journal of Chemical Crystallography 46(10-12), pp. 411-420
- 20** Predictive current control in multifunctional grid connected inverter interfaced by PV system Boukezata, B., Gaubert, J.-P., Chaoui, A., Hachemi, M. 2016 Solar Energy 139, pp. 130-141
- 21** Corrosion inhibition efficiency and adsorption behavior of azomethine compounds at mild steel/hydrochloric acid interface Hamani, H., Douadi, T., Daoud, D., Al-Noaimi, M., Chafaa, S. 2016 Measurement: Journal of the International Measurement Confederation 94, pp. 837-846
- 22** Roughness influence on the optical properties and scratch behavior of acrylic coating deposited on sandblasted glass Laouamri, H., Giljean, S., Arnold, G., (...), Bouaouadja, N., Tuilier, M.-H. 2016 Progress in Organic Coatings 101, pp. 400-406
- 23** Agronomic and molecular evaluation of cocksfoot and tall fescue cultivars for adaptation to an Algerian drought-prone environment Mefti, M., Bouzerzour, H., Francia, E., (...), Barre, P., Pecchioni, N. 2016 Euphytica 212(3), pp. 371-386

- 24** Preparation and characterization of anorthite and hydroxyapatite from Algerian kaolin and natural phosphate Belhouchet, H., Chouia, F., Hamidouche, M., Leriche, A. 2016 Journal of Thermal Analysis and Calorimetry 126(3), pp. 1045-1057
- 25** Multi-swarm bat algorithm for association rule mining using multiple cooperative strategies Heraguemi, K.E., Kamel, N., Drias, H. 2016 Applied Intelligence 45(4), pp. 1021-1033
- 26** An Evolutionary Boundary Value Problem Benseghir, A., Sofonea, M. 2016 Mediterranean Journal of Mathematics 13(6), pp. 4463-4480
- 27** Structural changes induced spin-reorientation of ultrathin Mn films grown on Ag(001) Ouarab, N., Haroun, A., Baadji, N. 2016 Journal of Magnetism and Magnetic Materials 419, pp. 5-16
- 28** Optimum control strategy based on an equivalent sliding mode for solar systems with battery storage Belkaid, A., Colak, I., Kayisli, K. 2016 Proceedings - 2016 IEEE International Power Electronics and Motion Control Conference, PEMC 2016 7752177, pp. 1262-1268
- 29** Removal of acid blue 80 from aqueous solutions by adsorption on chemical modified bentonites Gomri, F., Boutahala, M., Zaghouane-Boudiaf, H., Korili, S.A., Gil, A. 2016 Desalination and Water Treatment 57(54), pp. 26240-26249
- 30** Robust controller design for uncertain t-s fuzzy systems with time-varying delays Bourahala, F., Guelton, K., Khaber, F., Manamanni, N. 2016 2016 IEEE International Conference on Fuzzy Systems, FUZZ-IEEE 2016

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- 31** Power Quality Improvement by an Active Power Filter in Grid-connected Photovoltaic Systems with Optimized Direct Power Control Strategy Boukezata, B., Chaoui, A., Gaubert, J.-P., Hachemi, M. 2016 Electric Power Components and Systems 44(18), pp. 2036-2047
- 32** Synthesis, characterization and thermal behavior of tetrakis(melamine²⁺) bis(melamine⁺) pentakis(monohydrogenphosphate) tetrahydrate Youcef, H.A., Chafaa, S., Doufnoune, R., Douadi, T. 2016 Journal of Molecular Structure 1123, pp. 138-143
- 33** Preface (Editorial) Fourati, H., Belkhiat, D.E.C. 2016 Multisensor Attitude Estimation: Fundamental Concepts and Applications pp. xv-xvi
- 34** Multisensor attitude estimation: Fundamental concepts and applications (Book) Fourati, H., Belkhiat, D.E.C. 2016 Multisensor Attitude Estimation: Fundamental Concepts and Applications pp. 1-580
- 35** Improved WSN life time duration through adaptive clustering, duty cycling and sink mobility Aliouat, L., Aliouat, Z. 2016 ACM International Conference Proceeding Series pp. 36-40
- 36** Cloud-based semantic platform for dynamic management of context-aware mobile ERP applications Reffad, H., Alti, A., Roose, P. 2016 8th International Conference on Management of Digital EcoSystems, MEDES 2016 pp. 181-188

- 37** Study of dielectric behavior of ternary mixtures of epoxy/titanates (MgTiO₃, CaTiO₃, SrTiO₃ and BaTiO₃) with carbon black Khouni, H., Bouzit, N., Jiménez, J.P.M., Bouamar, M. 2016 EPJ Applied Physics 76(2),20201
- 38** Evaluation of acute and sub-acute toxicity of alkaloids from Datura stramonium sp. In mice Benouadah, Z., Mahdeb, N., Bouzidi, A. 2016 International Journal of Pharmacognosy and Phytochemical Research 8(11), pp. 1759-1766
- 39** Chemical composition, antimicrobial activity and chromosome number of Senecio giganteus Desf. from Algeria Kenoufi, M., Lograda, T., Chalard, P., Figueredo, G., Ramdani, M. 2016 International Journal of Pharmacognosy and Phytochemical Research 8(11), pp. 1772-1777
- 40** Daucus aristidis Coss. essential oil: Volatile constituents and antimicrobial activity in pre-flowering stage *Open Access* Lamamra, M., Laouer, H., Adjaoud, A., (...), Amira, S., Akkal, S. 2016 Asian Pacific Journal of Tropical Disease 6(11), pp. 882-886
- 41** Evaluation of the Americium transmutation performance in high flux reactors Houas, M., Amrani, N., Boucenna, A. 2016 Annals of Nuclear Energy 97, pp. 198-203
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- 43** An adaptive clustering approach to dynamic load balancing and energy efficiency in wireless sensor networks Gherbi, C., Aliouat, Z., Benmohammed, M. 2016 Energy 114, pp. 647-662

- 44** Enhanced removal of cationic dye by calcium alginate/organobentonite beads: Modeling, kinetics, equilibriums, thermodynamic and reusability studies Djebri, N., Boutahala, M., Chelali, N.-E., Boukhalifa, N., Zeroual, L. 2016 International Journal of Biological Macromolecules 92, pp. 1277-1287
- 45** Phytochemical screening and anti-inflammatory properties of Algerian *Hertia cheirifolia* methanol extract *Open Access* Bouriche, H., Kada, S., Assaf, A.M., (...), Gül, F., Dimertas, I. 2016 Pharmaceutical Biology 54(11), pp. 2584-2590
- 46** Role of Fanconi anemia/BRCA pathway genes in hepatocellular carcinoma chemoresistance Ferroudj, S., Yildiz, G., Bouras, M., (...), Ekin, U., Ozturk, M. 2016 Hepatology Research 46(12), pp. 1264-1274
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- 49** High-pressure elastic properties of cubic Ir₂P from ab initio calculations Sun, X.-W., Bioud, N., Fu, Z.-J., (...), Song, T., Li, Z.-W. 2016 Physics Letters, Section A: General, Atomic and Solid State Physics 380(43), pp. 3672-3677
- 50** Azide, water and adipate as bridging ligands for Cu(II): Synthesis, structure and magnetism of (μ₄-adipato-κ-O)(μ-aqua)(μ-azido-κN¹,N¹)copper(II) monohydrate *Open Access* Setifi, Z., Ghazzali, M., Glidewell, C., (...), Gómez-García, C.J., Reedijk, J. 2016 Polyhedron 117, pp. 244-248

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| 51 | <input type="checkbox"/> <u>Community detection in networks based on minimum spanning tree and modularity</u> | <u>Saoud, B., Moussaoui, A.</u> | 2016 <u>Physica A: Statistical Mechanics and its Applications</u>
460, pp. 230-234 |
| 52 | <input type="checkbox"/> <u>Application of a post-collisional-interaction distorted-wave model for (e, 2e) of some atomic targets and methane</u> | <u>Chinoune, M., Houamer, S., Cappello, C.D., Galstyan, A.</u> | 2016 <u>Journal of Physics B: Atomic, Molecular and Optical Physics</u>
49(20),205201 |
| 53 | <input type="checkbox"/> <u>A power adjusting anchors with improved localization algorithm for mobile wireless sensor networks</u> | <u>Chelouah, L., Semchedine, F., Bouallouche-Medjkoune, L.</u> | 2016 <u>International Journal of Computer Mathematics: Computer Systems Theory</u>
1(3-4), pp. 129-140 |
| 54 | <input type="checkbox"/> <u>Real time implementation of improved fractional order proportional-integral controller for grid connected wind energy conversion system</u> | <u>Beddar, A., Bouzekri, H., Babes, B., Afghoul, H.</u> | 2016 <u>Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique</u>
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61(4), pp. 319-324 |
| 56 | <input type="checkbox"/> <u>The effect of various compatibilizers on thermal, mechanical, and morphological properties of polystyrene/polypropylene blends</u> | <u>Latreche, L., Haddaoui, N., Cagiao, M.E.</u> | 2016 <u>Russian Journal of Applied Chemistry</u>
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- 57** Effect of indium doping on the optical properties and laser damage resistance of ZnO thin films Lameche, N., Bouzid, S., Hamici, M., (...), Messaci, S., Yahiaoui, K. 2016 Optik 127(20), pp. 9663-9672
- 58** Complexity analysis of interior point methods for linear programming based on a parameterized kernel function Bouafia, M., Benterki, D., Yassine, A. 2016 RAIRO - Operations Research 50(4-5), pp. 935-949
- 59** The investigation of electrodeposited Cu₂O/ITO layers by chronocoulometry process: Effect of electrical potential Mohra, D., Benhaliliba, M., Serin, M., (...), Lahmar, H., Azizi, A. 2016 Journal of Semiconductors 37(10),103001
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- 64** A Quasistatic Electro-Viscoelastic Contact Problem with Adhesion *Open Access* Chougui, N., Drabla, S. 2016 Bulletin of the Malaysian Mathematical Sciences Society 39(4), pp. 1439-1456

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- 68** Rate equations model and optical external efficiency of optically pumped electrically driven terahertz quantum cascade lasers Hamadou, A., Thobel, J.-L., Lamari, S. 2016 Optical Materials 60, pp. 305-312
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- 80** Electronic structure and magnetic properties of Co₂TaAl from ab initio calculations *Open Access* Berri, S. 2016 Journal of Science: Advanced Materials and Devices 1(3), pp. 286-289
- 81** Tectonic control on the morphology of the subcircular structure of El Mdaouar (Saharan Atlas, Algeria): insights from geological and remote sensing data Hassani, M., Chabou, M.C., Haddoum, H., Hamoudi, M. 2016 Arabian Journal of Geosciences 9(14),632
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- 83** Estimates for the asymptotic convergence of a non-isothermal linear elasticity with friction Saadallah, A., Benseridi, H., Dilmi, M., Drabla, S. 2016 Georgian Mathematical Journal 23(3), pp. 435-446
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- 85** Surface condition assessment of ceramic outdoor insulators under simulated pollution conditions Terrab, H., El-Hag, A.H., Bayadi, A. 2016 Insight: Non-Destructive Testing and Condition Monitoring 58(9), pp. 502-509
- 86** Preparation and characterization of polystyrene-MgAl layered double hydroxide nanocomposites using bulk polymerization Benaddi, H., Benachour, D., Grohens, Y. 2016 Journal of Polymer Engineering 36(7), pp. 681-693

- 87 Phylogenetic and plant-growth-promoting characteristics of Bacillus isolated from the wheat rhizosphere Cherif-Silini, H., Silini, A., Yahiaoui, B., Ouzari, I., Boudabous, A. 2016 Annals of Microbiology 66(3), pp. 1087-1097
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- 89 Experimental enhancement of fuzzy fractional order PI+I controller of grid connected variable speed wind energy conversion system Beddar, A., Bouzekri, H., Babes, B., Afghoul, H. 2016 Energy Conversion and Management 123, pp. 569-580
- 90 Proton diffusion process manganese dioxide for use in rechargeable alkaline zinc manganese dioxide batteries and its electrochemical performance Ouksel, L., Kerkour, R., Chelali, N.E. 2016 Ionics 22(9), pp. 1751-1757
- 91 Experimental study and modeling of hygro-thermal behavior of polystyrene concrete and cement mortar. Application to a multilayered wall Chikhi, A., Belhamri, A., Glouannec, P., Magueresse, A. 2016 Journal of Building Engineering 7, pp. 183-193
- 92 Three dimensional (Z-dependence), collective and individual semi-empirical formulae for L X-ray production and ionization cross section by protons impact within corrected ECPSSR theory and updated experimental data: a review Deghfel, B., Kahoul, A., Derradj, I., (...), Bentabet, A., Nekkab, M. 2016 X-Ray Spectrometry 45(5), pp. 247-257
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- 99** Inhibitory effect of glutamic acid on the scale formation process using electrochemical methods Karar, A., Naamoune, F., Kahoul, A., Belattar, N. 2016 Environmental Technology (United Kingdom) 37(16), pp. 1996-2002

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- Manifestly Hermitian semiclassical expansion for the one-particle density matrix of a two-dimensional Fermi gas **101** Open Access Bencheikh, K., Van Zyl, B.P., Berkane, K. 2016 Physical Review B 94(7),075423
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