

Université Ferhat ABBAS Sétif 1

Production scientifique de l'année 2017

(440 publications)

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|---|--|--|--|
| 1 | Methane dry reforming over Ni-Co/Al ₂ O ₃ : Kinetic modelling in a catalytic fixed-bed reactor | Benguerba, Y., Virginie, M., Dumas, C., Ernst, B. | 2017 International Journal of Chemical Reactor Engineering
15(6),20160170 |
| 2 | Design of robust fuzzy tracking controllers for a class of switched nonlinear systems | Jabri, D., Eddine, D., Belkhiat, C., Guelton, K., Manamanni, N. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017
2017-January, pp. 1-6 |
| 3 | Predictive direct torque control with reduced ripples and fuzzy logic speed controller for induction motor drive | Ammar, A., Talbi, B., Ameid, T., (...), Bourek, A., Benakcha, A. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017
2017-January, pp. 1-6 |
| 4 | Switched fractional order controller for grid connected wind energy conversion system | Afghoul, H., Krim, F., Beddar, A., Houabes, M. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017
2017-January, pp. 1-5 |
| 5 | Adaptive sliding mode control for the stabilization of a class of fractional-order Lü chaotic systems | Bourouba, B., Ladaci, S. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017
2017-January, pp. 1-5 |
| 6 | Robust integral backstepping control of PMSM for electric vehicle application | Nadji, S., Benaicha, S. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017
2017-January, pp. 1-6 |

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| 7 | Development of new robust techniques of watermarking for the security of digital images | Attallaoui, A., Boukezzoula, N.-E. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-4 |
| 8 | Multi-class neuro-fuzzy classifier for photovoltaic array faults diagnosis | Belaout, A., Krim, F., Sahli, A., Mellit, A. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-4 |
| 9 | Suitable power control based on type-2 fuzzy logic for wind-turbine dfig under hypo-synchronous mode fed by multi-level converter | Amrane, F., Chaiba, A., Francois, B. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-6 |
| 10 | Electromagnetic fields analysis on OTL with presence of human body model using comsolmultiphysics | Anane, Z., Aouabed, F. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-6 |
| 11 | Use of neuro-fuzzy technique in diagnosis of rotor faults of cage induction motor | Souad, L., Bendiabdallah, Youcef, M., Samir, M., Boukezata | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-4 |
| 12 | A new hybrid heuristic algorithm for the nonconvex economic dispatch problem | Sayah, S., Hamouda, A. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-6 |
| 13 | Finite-set model predictive voltage control for islanded three phase current source inverter | Feroura, H., Krim, F., Tabli, B., Laib, A. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-5 |
| 14 | Real time implementation of grid-connection control using robust PLL for WECS in variable speed DFIG-based on HCC | Amrane, F., Chaiba, A., Francois, B., Babes, B. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-5 |

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| 15 | <input type="checkbox"/> Evaluation of several similarity measures for deformable image registration using T1-weighted MR images of the brain | Boukellouz, W., Moussaoui, A. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-5 |
| 16 | <input type="checkbox"/> Cross-correlation coefficient as a means for estimating the effect of MVC level according to the fibres inclination | Messaoudi, N., Bekka, R.E., Belkacem, S. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-5 |
| 17 | <input type="checkbox"/> Multi level hysteresis direct power control strategy for three-level npc rectifier | Kahia, B., Bouafia, A., Abdelrahem, M., (...), Krama, A., Kennel, R. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-6 |
| 18 | <input type="checkbox"/> A predictive direct power control strategy for three-level npc rectifier | Kahia, B., Bouafia, A., Abdelrahem, M., (...), Krama, A., Kennel, R. | 2017 2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017 2017-January, pp. 1-5 |
| 19 | <input type="checkbox"/> Modeling and simulation of thermo electrical generator with MPPT | Belkaid, A., Colak, I., Kayisli, K. | 2017 2017 6th International Conference on Renewable Energy Research and Applications, ICRERA 2017 2017-January, pp. 855-860 |
| 20 | <input type="checkbox"/> A comprehensive study of different photovoltaic peak power tracking methods | Abdelhakim, B., Ilhami, C., Korhan, K. | 2017 2017 6th International Conference on Renewable Energy Research and Applications, ICRERA 2017 2017-January, pp. 1073-1079 |
| 21 | <input type="checkbox"/> Effects of incorporating agro-industrial by-products into diet of New Zealand rabbits: Case of rebus of date and apricot kernel meal
<i>Open Access</i> | Mennani, A., Arbouche, R., Arbouche, Y., (...), Arbouche, F., Arbouche, H.S. | 2017 Veterinary World 10(12), pp. 1456-1463 |
| 22 | <input type="checkbox"/> Focusing anomalies with binary diffractive optical elements | Bouزيد, O., Haddadi, S., Fromager, M., (...), Forbes, A., Ait-Ameur, K. | 2017 Applied Optics 56(35), pp. 9735-9741 |

- 23** Investigation of the structural, electronic, elastic and thermodynamic properties of Curium Monopnictides: An ab initio study Baaziz, H., Guendouz, D., Charifi, Z., (...), Uğur, Ş., Boudiaf, K. 2017 International Journal of Modern Physics B 31(30),1750226
- 24** Synthesis, characterisation and DFT studies of three Schiff bases derived from histamine Touafri, L., Hellal, A., Chafaa, S., Khelifa, A., Kadri, A. 2017 Journal of Molecular Structure 1149, pp. 750-760
- 25** Synthesis, structure, and magnetic properties of a dinuclear antiferromagnetically coupled iron(II) complex
Open Access Setifi, F., Konieczny, P., Glidewell, C., (...), Setifi, Z., Mirzaei, M. 2017 Journal of Molecular Structure 1149, pp. 149-154
- 26** Contribution to the study of structural and elastic properties of wüstite under pressure up to 140 GPa by pseudopotential calculations Tlili, S., Louail, L., Bouguera, A., Haddadi, K., Medkour, Y. 2017 Phase Transitions 90(12), pp. 1229-1240
- 27** Quantum features of molecular interactions associated with time-dependent non-central potentials
Open Access Choi, J.R., Menouar, S., Medjber, S., Bekkar, H. 2017 Journal of Physics Communications 1(5),052001
- 28** Effect of the Free Quenching on Mechanical and Thermomechanical Properties of ABS Bencid, A., Rouabah, F., Fois, M., Djidjelli, H. 2017 Russian Journal of Applied Chemistry 90(12), pp. 2009-2015
- 29** The burden of primary liver cancer and underlying etiologies from 1990 to 2015 at the global, regional, and national level results from the global burden of disease study 2015
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- Reflectance estimation in cereal/pea intercropping system based on numerical images analysis method Benider, C., Madani, T., Bouzerzour, H., Guendouz, A. 2017 Indian Journal of Agricultural Research 51(6), pp. 615-618
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- Time-delayed chameleon: Analysis, synchronization and FPGA implementation Rajagopal, K., Jafari, S., Laarem, G. 2017 Pramana - Journal of Physics 89(6),92
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- Coloration and structure behavior after silver and copper nanoparticles formation in soda lime glass: Farb- und Strukturverhalten von Kalk-Natron-Glas nach der Bildung von Silber- und Kupfernanopartikeln Chorfa, A., Belkhir, N., Belbali, A., Rubio, F., Rubio, J. 2017 Materialwissenschaft und Werkstofftechnik 48(11), pp. 1166-1172
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- Theoretical analysis of the structural, electronic and optical properties of tetragonal $\text{Sr}_2\text{GaSbO}_6$ Berri, S. 2017 Chinese Journal of Physics 55(6), pp. 2476-2483
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- Phytochemical screening and radical scavenging activity of whole seed of durum wheat (*Triticum durum* Desf.) and Barley (*Hordeum vulgare* L.) varieties Hamli, S., Kadi, K., Addad, D., Bouzerzour, H. 2017 Jordan Journal of Biological Sciences 10(4), pp. 323-327
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- Structural, electronic, magnetic, half-metallic, mechanical, and thermodynamic properties of the quaternary Heusler compound FeCrRuSi : A first-principles study Wang, X., Khachai, H., Khenata, R., (...), Liu, G., Cheng, Z. 2017 Scientific Reports 7(1),16183
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- Variable Step Size IC MPPT Controller for PEMFC Power System Improving Static and Dynamic Performances Harrag, A., Messalti, S. 2017 Fuel Cells 17(6), pp. 816-824
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| 37 | <input type="checkbox"/> An Efficient Maximum Power Point Tracking Controller for Photovoltaic Systems Using Takagi–Sugeno Fuzzy Models | Ounnas, D., Ramdani, M., Chenikher, S., Bouktir, T. | 2017 Arabian Journal for Science and Engineering 42(12), pp. 4971-4982 |
| 38 | <input type="checkbox"/> First-principles investigation for some physical properties of some fluoroperovskites compounds ABF ₃ (A = K, Na; B = Mg, Zn) | Bakri, B., Driss, Z., Berri, S., Khenata, R. | 2017 Indian Journal of Physics 91(12), pp. 1513-1523 |
| 39 | <input type="checkbox"/> New insights into the adsorption of crystal violet dye on functionalized multi-walled carbon nanotubes: Experiments, statistical physics and COSMO–RS models application | Sellaoui, L., Dotto, G.L., Peres, E.C., (...), Lamine, A.B., Erto, A. | 2017 Journal of Molecular Liquids 248, pp. 890-897 |
| 40 | <input type="checkbox"/> Prevalence, antibiotic resistance, and MLST typing of Helicobacter pylori in Algiers, Algeria | Raaf, N., Amhis, W., Saoula, H., (...), Bénéjat, L., Mégraud, F. | 2017 Helicobacter 22(6),e12446 |
| 41 | <input type="checkbox"/> Successful management of MPS hydrocephalus by acetazolamide | Rahmoune, H., Boutrid, N., Gherbi, I., (...), Amrane, M., Bioud, B. | 2017 Child's Nervous System 33(12), pp. 2075-2076 |
| 42 | <input type="checkbox"/> FPGA implementation of adaptive sliding mode control and genetically optimized PID control for fractional-order induction motor system with uncertain load
<i>Open Access</i> | Rajagopal, K., Laarem, G., Karthikeyan, A., Srinivasan, A. | 2017 Advances in Difference Equations 2017(1),273 |
| 43 | <input type="checkbox"/> MRC SC-FDMA scheme performance evaluation based on measurements at 30 GHz for 5G communications | Khelil, A., Talbi, L., Slimani, D., LeBel, J. | 2017 Physical Communication 25, pp. 462-468 |
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- Perpendicular magnetic anisotropy in ZnMnS ultra-thin films caused by structural cleavage Ouarab, N., Haroun, A. 2017 Journal of Magnetism and Magnetic Materials 443, pp. 300-308
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- 47**
- Asymptotic behavior of solutions to a boundary value problem with mixed boundary conditions and friction law Benterki, D., Benseridi, H., Dilmi, M. 2017 Boundary Value Problems 2017(1),55
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- ELECTROCATALYTIC OXIDATION OF ASCORBIC ACID AT POLYPYRROLE THIN FILM INCORPORATING PALLADIUM PARTICLES Dehchar, C., Chikouche, I., Kherrat, R., Zougar, S., Zouaoui, A. 2017 Surface Review and Letters 24(8),1750118
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- Alginate/gelatin crosslinked system through Maillard reaction: preparation, characterization and biological properties Khadidja, L., Asma, C., Mahmoud, B., Meriem, E. 2017 Polymer Bulletin 74(12), pp. 4899-4919
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- Potential applications of deep eutectic solvents in natural gas sweetening for CO₂ capture Aissaoui, T., Alnashef, I.M., Qureshi, U.A., Benguerba, Y. 2017 Reviews in Chemical Engineering 33(6), pp. 523-550
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| 52 | <input type="checkbox"/> Asthma causes inflammation of human pulmonary arteries and decreases vasodilatation induced by prostaglandin I ₂ analogs | Foudi, N., Badi, A., Amrane, M., Hodroj, W. | 2017 Journal of Asthma
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| 53 | <input type="checkbox"/> Petri type 2 fuzzy neural networks approximator for adaptive control of uncertain non-linear systems | Bibi, Y., Bouhali, O., Bouktir, T. | 2017 IET Control Theory and Applications
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| 54 | <input type="checkbox"/> Asymptotic behaviour of nonlinear wave equations in a noncylindrical domain becoming unbounded | Aibeche, A., Hadi, S., Sengouga, A. | 2017 Electronic Journal of Differential Equations
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| 55 | <input type="checkbox"/> Positive sliding mode control for blood glucose regulation | Menani, K., Mohammadridha, T., Magdelaine, N., Abdelaziz, M., Moog, C.H. | 2017 International Journal of Systems Science
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| 56 | <input type="checkbox"/> Analytical results for the time-dependent current density distribution of expanding ultracold gases after a sudden change of the confining potential | Boumaza, R., Bencheikh, K. | 2017 Journal of Physics A: Mathematical and Theoretical
50(50),505003 |
| 57 | <input type="checkbox"/> Synthesis, X-ray crystal structures, electrochemistry and theoretical investigation of a tetradentate nickel and copper Schiff base complexes
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1148, pp. 238-246 |
| 58 | <input type="checkbox"/> Survey: Routing protocols in vehicular ad hoc networks | Senouci, O., Zibouda, A., Harous, S. | 2017 ACM International Conference Proceeding Series
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| 59 | <input type="checkbox"/> Prolonging WSN lifetime using a new scheme for Sink moving based on Artificial Fish Swarm Algorithm | Mechta, D., Harous, S. | 2017 ACM International Conference Proceeding Series
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- 61 Prolonging WSN lifetime using a new scheme for Sink moving based on Artificial Fish Swarm Algorithm Mechta, D., Harous, S. 2017 ACM International Conference Proceeding Series
- 62 Variable neighborhood search procedures for the multi-period technician routing and scheduling problem Khattara, A., Cherif-Khettaf, W.R., Mostefai, M. 2017 2017 4th International Conference on Control, Decision and Information Technologies, CoDIT 2017 2017-January, pp. 839-844
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- 68** Fabrication of new polypyrrole/silicon nitride hybrid materials for potential applications in electrochemical sensors: Synthesis and characterization
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- 72** Contextual text categorization: An improved stemming algorithm to increase the quality of categorization in Arabic text
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- 73** Sliding mode control of grid connected brushless doubly fed induction generator driven by wind turbine in variable speed
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- 74** Type-2 fuzzy logic predictive control of a grid connected wind power systems with integrated active power filter capabilities
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- 80 Changes in prevalence of hepatitis A and associated factors in Setif-Algeria | [Changement de la prévalence de l'hépatite A et facteurs associés à Sétif, Algérie] Guenifi, W., Laouamri, S., Lacheheb, A. 2017 Revue d'Epidemiologie et de Sante Publique 65(6), pp. 437-442
- 81 An EEG-fMRI fusion analysis based on symmetric techniques using Dempster Shafer theory *Open Access* Attia, A., Moussaoui, A., Chahir, Y. 2017 Journal of Medical Imaging and Health Informatics 7(7), pp. 1493-1501

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- 85** Experimentations on luminescent glazing for solar electricity generation in buildings
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- 95** Examination of an algerian clay in the retention of zinc ions charged in Brackish water Fadel, A., Nacef, S. 2017 Korean Chemical Engineering Research 55(5), pp. 685-689

- ❑ **96** Chaos embedded symbiotic organisms search technique for optimal FACTS device allocation for voltage profile and security improvement Mohamad Zamani, M.K., Musirin, I., Suliman, S.I., Bouktir, T. 2017 Indonesian Journal of Electrical Engineering and Computer Science 8(1), pp. 146-153
- ❑ **97** Furanones and anthranilic acid derivatives from the endophytic fungus dendrothyrium variisporum *Open Access* Teponno, R.B., Noumeur, S.R., Helaly, S.E., (...), Harzallah, D., Stadler, M. 2017 Molecules 22(10),1674
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- ❑ **99** Interval Type-2 Fuzzy Sliding Mode Controller Based on Nonlinear Observer for a 3-DOF Helicopter with Uncertainties Zeglache, S., Benslimane, T., Amardjia, N., Bouguerra, A. 2017 International Journal of Fuzzy Systems 19(5), pp. 1444-1463
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- ❑ **101** Ion exchange effect on the structural and mechanical behavior of colored glasses Chorfa, A., Belkhir, N., Rubio, F., Rubio, J. 2017 Journal of the Australian Ceramic Society 53(2), pp. 787-794
- ❑ **102** Computational investigation of the microstructural characteristics and physical properties of glycerol-based deep eutectic solvents Aissaoui, T., Benguerba, Y., AlOmar, M.K., AlNashef, I.M. 2017 Journal of Molecular Modeling 23(10),277
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