

**Liste des productions scientifiques (publications, communications,...)**

**Année 2022**

Etablissement Universitaire: Université 8 Mai 1945 de Guelma

Faculté: Faculté des Sciences et de la Technologie

Laboratoire: Laboratoire de Génie Electrique de Guelma (LGEG)

<i>Productions Scientifiques2022</i>							
<i>Publications</i>							
<i>Titre</i>	<i>Auteurs</i>	<i>Revue</i>	<i>Année</i>	<i>Catégorie de la revue:A+ , A , B- Scopus, B-non Scopus, non classée</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
<i>PHENOMENOLOGICAL MODEL OF THE FREQUENCY-DEPENDENT HYSTERESIS OF FERRITE NiFe204</i>	<i>Abdelaziz Ladjimi, Mourad Dafri, Sofiane Fisli</i>	<i>REVUE ROUMAINE DES SCIENCES TECHNIQUES–SÉRIE ÉLECTROTECHNIQUE ET ÉNERGÉTIQUE</i>	<i>2022</i>	<i>A</i>	<i>vol. 67 N 03</i>	<i>275-279</i>	<i><a href="https://journal.iem.pub.ro/rst-ee/article/view/217">https://journal.iem.pub.ro/rst-ee/article/view/217</a></i>
<i>RULE-BASED APPROACH FOR CONTEXT-AWARECOLLABORATIVE RECOMMENDER SYSTEM</i>	<i>Soulef Benhamdi, Abdesselam Babouri, Raja Chiky, Jamal Nebhen</i>	<i>Jordanian Journal of Computers and Information Technology (JJCIT)“ vol. 8 N 02,2022</i>	<i>2022</i>	<i>B</i>	<i>vol. 8 N 02</i>		<i><a href="https://www.jjcit.org/search?q=Soulef+Benhamd">https://www.jjcit.org/search?q=Soulef+Benhamd</a></i>

*Publications internationales*

<p><i>In Vitro Modeling of Implantable Cardiac Pacemakers Submitted to Conducted Disturbance</i></p>	<p>K Djennah, A Ladjimi, A Babouri</p>	<p><i>International Journal of Online &amp; Biomedical Engineering</i></p>	<p>2022</p>	<p>B</p>	<p>vol. 18 N 01</p>		<p><a href="https://online-journals.org/index.php/i-joe/article/view/27289">https://online-journals.org/index.php/i-joe/article/view/27289</a></p>
<p>ARTIFICIAL NEURAL NETWORK PREDICTION PARAMETERS OF 10%SF6-90%N2 MIXTURE</p>	<p>FAISSEL BELOUCIF, AMAR BOUDEFEL, ASSIA GUERROUI, AHCENE LEMZADMI, ABDELKRIM MOUSSAOUI</p>	<p>REVUE ROUMAINE DES SCIENCES TECHNIQUES-SÉRIE ÉLECTROTECHNIQUE ET ÉNERGÉTIQUE</p>	<p>2022</p>	<p>A</p>	<p>Vol. 67 No. 2</p>		<p><a href="https://journal.iem.pub.ro/rrst-ee/article/view/172">https://journal.iem.pub.ro/rrst-ee/article/view/172</a></p>
<p><i>Detection of Electrical Fault in Medium Voltage Installation Using Support Vector Machine and Artificial Neural Network</i></p>	<p>Laib dit Leksir Lyazid, Kadour Guerfi, Ammar Ammouri, Abdelkrim Moussaoui</p>	<p><i>Russian Journal of Nondestructive Testing</i></p>	<p>2022</p>	<p>A</p>	<p>58 (3)</p>	<p>176-185</p>	<p><a href="https://10.1134/S1061830922030081">https://10.1134/S1061830922030081</a></p>

Publications internationales	<p><i>Fractional-order proportional-integral super twisting sliding mode controller for wind energy conversion system equipped with doubly fed induction generator</i></p>	<p><i>Hamza Gasmi, Sofiane Mendaci, Laifa Sami, Kantas Walid, habib Benbouhenni</i></p>	<p><i>Journal of Power Electronics</i></p>	<p>2022</p>	<p>A</p>	<p>22(6)</p>	<p>01--17</p>	<p><a href="https://link.springer.com/article/10.1007/s43236-022-00430-0">https://link.springer.com/article/10.1007/s43236-022-00430-0</a></p>
	<p><i>Study and Management of an Hybrid System Connected to The Network</i></p>	<p><i>Amira Lakhdar, Tahat Bahi, Abdelkrim Moussaoui</i></p>	<p><i>Journal of Electrical systems</i></p>	<p>2022</p>	<p>Scopus (B)</p>	<p>18(2)</p>	<p>163-172</p>	<p><a href="https://journal.esrgroups.org/jes/papers/18_2_1.pdf">https://journal.esrgroups.org/jes/papers/18_2_1.pdf</a></p>

**Productions Scientifiques 2022**

**Communications**

<b>Titre</b>	<b>Auteurs</b>	<b>Intitulé de manifestation</b>	<b>Année</b>	<b>Proceeding de la conférence indexé dans Scopus ( oui /non )</b>	<b>Volume</b>	<b>Page</b>	<b>URL</b>
<i>Modeling and integration temperature effect in Preisach model using the finite element method</i>	<i>Mourad Dafri, Sofiane Fisli, Abdelaziz Ladjimi</i>	<i>2ème Conférence Nationale sur les Télécommunications et ses Applications (CNTA'22) Le 20 et 21 décembre 2022 Ain-Témouchent, Algérie</i>	2022	NON			<a href="https://sites.google.com/view/cnta22">https://sites.google.com/view/cnta22</a>
<i>Integration temperature effect in Preisach model associated with the Student distribution</i>	<i>Mourad Dafri, Sofiane Fisli, Abdelaziz Ladjimi, Ahcene Lemzadmi, Abdesselam Babouri</i>	<i>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</i>	2022	NON			<a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a>

*Communications nationales*

<p>Acoustic Echo Cancellation via Improved Bat Algorithm</p>	<p>Sofiane Fisli, Mourad Dafri</p>	<p>2ème Conférence Nationale sur les Télécommunications et ses Applications (CNTA'22) Le 20 et 21 décembre 2022 Ain-Témouchent, Algérie</p>	<p>2022</p>	<p>NON</p>			<p><a href="https://sites.google.com/view/cnta22">https://sites.google.com/view/cnta22</a></p>
<p>Partial discharge measurement on full size capacitors</p>	<p>Ahcene Lemzadmi, Mourad Dafri, Boudefel Amar, Gouaidia Said</p>	<p>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</p>	<p>2022</p>	<p>NON</p>			<p><a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a></p>
<p>Traffic Flow Simulation using Stochastic Hybrid Systems</p>	<p>Sofiane Fisli, Sihem Kechida, Mourad Dafri</p>	<p>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</p>	<p>2022</p>	<p>NON</p>			<p><a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a></p>

<p>Improved Bat Algorithm for Acoustic Echo Cancellation in Time DoMain</p>	<p>Sofiane Fisli, Mourad Dafri, Sihem Kechida</p>	<p>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</p>	<p>2022</p>	<p>NON</p>			<p><a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a></p>
<p>Modeling of electrostatic standing wave conveyor, 1st national conference on electrical engineering and their applications</p>	<p>Hana BECHKOURA, Noureddine ZOUZOU, Miloud KACHI</p>	<p>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</p>	<p>2022</p>	<p>NON</p>			<p><a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a></p>
<p>Tribocharge of insulating particles in contact with metallic pipe: influence of the length and temperature</p>	<p>Mouhoub Sarra, Miloud Kachi</p>	<p>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</p>	<p>2022</p>	<p>NON</p>			<p><a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a></p>

Surface potential post-contact of charged material with an energized electrode	A. Moussaoui, M. Kachi	The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022	2022	NON			<a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a>
Modelling, Simulation and Performance Analysis of 32.4 kW Grid Connected Photovoltaic System using PV syst Software	Akram Issam ZERMANE Tarik Bordjiba, Ahcen LEMZADMI	The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022	2022	NON			<a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a>
Improvement of energy quality by the control of shunt-capacitor-bank transients	Said GOUIDIA, Ahcene Lemzadmi, Kamel Bounaya	The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022	2022	NON			<a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a>

<p>Substitution of SF6 with environmentally accepted gas mixture (SF6-N2) as dielectric insulator</p>	<p>Faïssel BELOUCIF, Amar Boudefel , Assia Guerroui , Ahcene lemezadmi Saïd Gouaidia</p>	<p>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</p>	<p>2022</p>	<p>NON</p>			<p><a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a></p>
<p>Building a binderless supercapacitor electrode from nutshell wastes</p>	<p>Riane Nor el Houda CHIHEB, Tarik Bordjiba, Zineb Nabti, Chaima Chaïb</p>	<p>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</p>	<p>2022</p>	<p>NON</p>			<p><a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a></p>
<p>The Effect Of Electrocatalytic Activation On The Graphene @ Copper In The Hydrogen Evolution Reaction</p>	<p>Chaima CHAIB, Tarik Bordjiba , Riane Nor El Houda Chiheb</p>	<p>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</p>	<p>2022</p>	<p>NON</p>			<p><a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a></p>



<p>Maximum Power Point Tracking Strategy For Photovoltaic System Using Two Types Of Converters</p>	<p>Immad AOUISS, Immad Aouissi, Chams-Eddine Feraga, Hadjadj Dounia</p>	<p>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</p>	<p>2022</p>	<p>NON</p>			<p><a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a></p>
<p>Inner and Outer Surface Areas, Electrochemical Performance of electrode based on microfibrinous carbon-graphene-Mn3O4 nanocomposites materials for Supercapacitor and hydrogen evolution</p>	<p>Zineb NABTI, Bordjiba Tarik, Bekhakhecha Reda, Chiheb Riane Nor Elhoda</p>	<p>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</p>	<p>2022</p>	<p>NON</p>			<p><a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a></p>
<p>PI and first-order sliding mode control for doubly-fed induction generator applied to wind energy system</p>	<p>Hamza GASMI, Sofiane Mendaci, Walid Kantas, Essaadi Tarfia</p>	<p>The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022</p>	<p>2022</p>	<p>NON</p>			<p><a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a></p>

Communications nationales	MPPT Performances on the Cuckoo Search Algorithm	Amira LAKHDARA, Tahar Bahi, AbdelKrim Moussaoui	The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022	2022	NON			<a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a>
	Transport of charge carriers in sf6-n2 gas mixtures at high pressures and with highly divergent electric	Assia GUERROUI, Faissel BELOUCIF, Amar BOUDEFEL Ahcene Lemzadmi	The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01) Guelma, Algeria 15 November 2022	2022	NON			<a href="http://nceea.univ-guelma.dz/">http://nceea.univ-guelma.dz/</a>

<p>Prototype of mobile robot Controlled via VLC technology for Industry 4.0 applications</p>	<p>Ameur Chaabna, Abdesselam Babouri, Takoua Hafsi, Halim Chouabia, Zine-Eddine Meguetta Xun Zhang</p>	<p>2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED NATURAL SCIENCES, Konya, TURKEY</p>	<p>2022</p>				<p><a href="https://conferencealerts.com/show-event?id=240286">https://conferencealerts.com/show-event?id=240286</a></p>
<p>Experimental Demonstration of V2V Communication System Based on VLC Technology for Smart Transportation</p>	<p>Chaabna A., Babouri A., Chouabia H., Hafsi T., Meguetta Z.E., Zhang X.</p>	<p>Artificial Intelligence and Heuristics for Smart Energy Efficiency in Smart Cities. Lecture Notes in Networks and Systems, vol 361. Springer, Cham</p>	<p>2022</p>	<p>OUI</p>	<p>vol 361</p>		<p><a href="https://link.springer.com/chapter/10.1007/978-3-030-92038-8_65">https://link.springer.com/chapter/10.1007/978-3-030-92038-8_65</a></p>
<p>Integration frequency effect in Preisach model associated with the Student distribution function using the finite element method</p>	<p>Mourad Dafri, Abdelaziz Ladjimi, Ahcene Lemzadmi</p>	<p>1st International Conference on Renewable Materials and Energies ICRME2022 October 26-27, 2022, OUARGLA-ALGERIA</p>	<p>2022</p>	<p>NON</p>			<p><a href="https://icrme2022.sciencesconf.org/resource/page/id/10">https://icrme2022.sciencesconf.org/resource/page/id/10</a></p>

<p>Presentation of a student function for a magnetic hysteresis model</p>	<p>Mourad Dafri, Abdelaziz Ladjimi, Ahcene Lemzadmi</p>	<p>The 1st International Conference On Electrical Engineering and Modern Technologies ICMEET'22 « 18 - 19 February 2022 »</p>	<p>2022</p>	<p>NON</p>			<p><a href="https://www.researchgate.net/profile/Dafri-Mourad/publication/359230864_Presentation_of_a_student_function_for_a_magnetic_hysteresis_model/links/62d7c66811afc23ee4ce0c95/Presentation-of-a-student-function-for-a-magnetic-hysteresis-model.pdf?origin=publication_detail">https://www.researchgate.net/profile/Dafri-Mourad/publication/359230864_Presentation_of_a_student_function_for_a_magnetic_hysteresis_model/links/62d7c66811afc23ee4ce0c95/Presentation-of-a-student-function-for-a-magnetic-hysteresis-model.pdf?origin=publication_detail</a></p>
<p>integral sliding mode control of synchronous Reluctance machine Based electric vehicle powered by Battery/supercapacitor hybrid source</p>	<p>houssam-eddine Ghadbane, said barkat, Azeddine Houari, Ali Djerooui, Mesbahi Tedjani</p>	<p>19th International Multi-Conference on Systems, Signals &amp; Devices (SSD)</p>	<p>2022</p>	<p>Oui</p>		<p>2133 - 2138</p>	<p><a href="https://ieeexplore.ieee.org/xpl/conhome/9955493/proceeding?isnumber=9955494&amp;sortType=vol-only-seq&amp;searchWithin=houssam-eddine%20Ghadbane">https://ieeexplore.ieee.org/xpl/conhome/9955493/proceeding?isnumber=9955494&amp;sortType=vol-only-seq&amp;searchWithin=houssam-eddine%20Ghadbane</a></p>

<p>Energy Management Strategy for Hybrid Power System Implemented with Processor in the Loop</p>	<p>Ghadbane Houssam Eddine, Barkat Said, Azeddine Houari, Ali Djeroui, Tedjani Mesbahi, Hadjkaddour Abdelhak</p>	<p>2022 IEEE International Conference on Electrical Sciences and Technologies in Maghreb (CISTEM)</p>	<p>2022</p>	<p>Oui</p>	<p>4</p>	<p>01-juin</p>	<p><a href="https://ieeexplore.ieee.org/abstract/document/10043997">https://ieeexplore.ieee.org/abstract/document/10043997</a></p>
<p>Numerical study of particle movement in an inclined standing wave electric curtain</p>	<p>Hana Bechkoura, Miloud Kachi, Noureddine Zouzou</p>	<p>2022 JOINT CONFERENCE ON ELECTROSTATICS, June 12-15, 2022, Hilton Charlotte University Place, Charlotte, NC USA</p>	<p>2022</p>				<p><a href="http://www.electrostatics.org/jointconferenceelectrostatics.html">http://www.electrostatics.org/jointconferenceelectrostatics.html</a></p>
<p>Wheat Purification of Straw Residues Using an Induction Type Electrostatic Separation</p>	<p>Mokdad REMADNIA, Messaouda KAHALERAS, Miloud KACHI</p>	<p>7th International Conference on Advances in Electronics Engineering (ICAEE 2022), Constantine</p>	<p>2022</p>				<p><a href="http://www.icaee.org/">http://www.icaee.org/</a></p>

<p>Using computer vision to assess an electrostatic separation process</p>	<p>KACHI miloud, Aida Moussaoui, BELOUCIF Faissel, REMADNIA Mokdad</p>	<p>7th International Conference on Advances in Electronics Engineering (ICAEE 2022), Constantine</p>	<p>2022</p>				<p><a href="http://www.icaee.org/">http://www.icaee.org/</a></p>
<p>Maximum Power Point Tracking Dual Integral Sliding Mode Control for a Pumping System</p>	<p>Amira Lakhdar, Tahat Bahi, Abdelkrim Moussaoui</p>	<p>19th International Multi-Conference on Systems, Signals &amp; Devices (SSD)</p>	<p>06-10 May 2022</p>				<p><a href="https://ieeexplore.ieee.org/document/9955980">https://ieeexplore.ieee.org/document/9955980</a></p>
<p>Performance of Pumping System Under Partial Shading</p>	<p>Amira Lakhdar, Tahat Bahi, Abdelkrim Moussaoui</p>	<p>IEEE 2nd International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering (MI-STA)</p>	<p>23-25 May 2022</p>				<p><a href="https://ieeexplore.ieee.org/document/9837626">https://ieeexplore.ieee.org/document/9837626</a></p>

<p><i>Wind Energy Conversion System Controlled by Particle Swarm Optimization Super Twisting Sliding Mode Control Equipped with Doubly Fed Induction Generator</i></p>	<p><i>Gasmi Hamza, Mendaci Sofiane, Kantas Walid</i></p>	<p><i>International Conference on Artificial Intelligence in Renewable Energetic Systems IC-AIRES 2021</i></p>	<p><i>2022</i></p>	<p><i>Oui</i></p>		<p><i>78-87</i></p>	<p><a href="https://link.springer.com/chapter/10.1007/978-3-030-92038-8_8#citeas">https://link.springer.com/chapter/10.1007/978-3-030-92038-8_8#citeas</a></p>
<p><i>Fuzzy logic control to track the maximum power for photovoltaic system</i></p>	<p><i>Gasmi Hamza, Mendaci Sofiane, Kantas Walid</i></p>	<p><i>Artificial Intelligence and Heuristics for Smart Energy Efficiency in Smart Cities: Case Study: Tipasa, Algeria</i></p>	<p><i>2022</i></p>	<p><i>Oui</i></p>		<p><i>pp 277-284</i></p>	<p><a href="https://link.springer.com/chapter/10.1007/978-3-030-92038-8_28">https://link.springer.com/chapter/10.1007/978-3-030-92038-8_28</a></p>