

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 d'Automatique et Informatique de Guelma "LAIG"

<i>Productions Scientifiques 2022</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>EKF-SIRD model algorithm for predicting the coronavirus (COVID-19) spreading dynamics.</i>	<i>A, Sebbagh s. Kechida</i>	<i>Scientific Reports</i>	<i>2022</i>	<i>A</i>	<i>12 (13415)</i>	<i>/</i>	<i>https://www.nature.com/articles/s41598-022-16496-6</i>
<i>Small signal model designing and robust decentralized tilt integral derivative TID controller synthesizing for twin rotor MIMO</i>	<i>M. Aidoud V. Feliu-Batlle A. Sebbagh, M. Sedraoui</i>	<i>International Journal of Dynamics and Control</i>	<i>2022</i>	<i>B</i>	<i>10</i>	<i>1657-1673</i>	<i>https://link.springer.com/article/10.1007/s40435-022-00916-6</i>

Publications internationales

Publications internationales	Impact of fractional filter in PI control loop applied to induction motor speed drive	S.Hassainia S. Ladaci S.Kechida k.Khelil	Electrical Engineering & Electromechanics	2022	B	2022 (5)	14-20	http://eie.khpi.edu.u/a/article/view/263251
	Fractional-order proportional-integral super twisting sliding mode controller for wind energy conversion system equipped with doubly fed induction generator	H.Gasmi, S.Mendaci, S.Laifa W.Kantas H.Benbouhenni	Journal of Power Electronics	2022	A	22	1357-1373	https://link.springer.com/article/10.1007/s43236-022-00430-0#citeas
	Forecasting of Bicycle and Pedestrian Traffic Using Flexible and Efficient Hybrid Deep Learning Approach	F.Harrou A/K. Dairi A/H.Zeroual Ying Sun	Applied Sciences	2022	A	12 (9)	4482	https://www.mdpi.com/2076-3417/12/9/4482

Productions Scientifiques 2022

Communications

	Titre	Auteurs	Intitulé de manifestation	Année	Proceeding de la conférence indexé dans Scopus (oui /non)	Volume	Page	URL
Communications nationales	PI and first-order sliding mode control for doubly-fed induction generator applied to wind energy system	H.GASMI S.MENDACI W. KANTAS E. TARFIA	The First National Conference on Electrical Engineering and their Applications (NCEEA 01)	2022	non	/	/	http://nceea.univ-guelma.dz/
	Charge et décharge de particules diélectriques par un système de décharge couronne en configuration fil/cylindre	A/H.BOUCHELKHA M.KACHI	Journées sur les Signaux et Systèmes (JSS'22)	2022	non	/	/	https://laig.univ-guelma.dz/

Communications nationales	Traffic Flow Simulation using Stochastic Hybrid Systems	S.Fisli, S.KECHIDA M.Dafri	The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01)	2022	non	/	/	http://nceea.univ-guelma.dz/
	Improved Bat Algorithm for Acoustic Echo Cancellation in Time Domain	S.Fisli M.Dafri S.KECHIDA	The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01)	2022	non	/	/	http://nceea.univ-guelma.dz/
	Integration temperature effect in Preisach model associated with the Student distribution function using the finite element method	S.FISLI A.Ladjimi A.Lemzadni A Babouri	The 1th National Conference on Electrical Engineering and its Applications (NCEEA'01)	2022	non	/	/	http://nceea.univ-guelma.dz/
	Acoustic Echo Cancellation via Improved Bat Algorithm	S.Fisli M.Dafri	2ème Conférence Nationale sur les Télécommunications et ses Applications (CNTA'22)	2022	non	/	/	https://sites.google.com/view/cnta22/soumissions?pli=1

Communications nationales

<p>Modeling and integration temperature effect in Preisach model using the finite element method</p>	<p>S.FISLI A.Ladjimi</p>	<p>2ème Conférence Nationale sur les Télécommunications et ses Applications (CNTA'22)</p>	<p>2022</p>	<p>non</p>	<p>/</p>	<p>/</p>	<p>https://sites.google.com/view/cnta22/soumissions?pli=1</p>
<p>Design of Intelligent Control Method for a Modular Multilevel Power Converter based Micro-Grid Solar Systems: State of the Art</p>	<p>W.HERKAT Y.YAKHELEF</p>	<p>Journée Des Doctorants (JDD'2022)</p>	<p>2022</p>	<p>non</p>	<p>/</p>	<p>/</p>	<p>https://fhc.univ-boumerdes.dz/wp-content/uploads/2022/06/DEPLIANT-JDD-UMBB-2022-vf.pdf</p>
<p>Optimisation of Fractional Order PID Controller Applied to Wind Turbine Renewable Energy Systems: State of the Art</p>	<p>H.KAMEL, Y.YAKHELEF</p>	<p>Journée Des Doctorants (JDD'2022)</p>	<p>2022</p>	<p>non</p>	<p>/</p>	<p>/</p>	<p>https://fhc.univ-boumerdes.dz/wp-content/uploads/2022/06/DEPLIANT-JDD-UMBB-2022-vf.pdf</p>

Communications internationales	Implementation of DCS System for compressed Air production unit.	S.KECHIDA, M.AYAB	3rd International Conference on Applied Engineering and Natural Sciences, ICAENS 2022	2022	non	/	/	https://www.icaens.com/
	Integral PI controller for wind energy conversion system based on a doubly fed induction generator	H.GASMI H. BENBOUHENNI S.MENDACI W.KANTAS E. TARFIA	Inational Conference on Energy and Material Sciences (EMS'2022)	2022	non	/	/	http://ems2022.univ-skikda.dz/
	Small-Signal Modeling and Voltage PID controller-Synthesis for Cascade Regulation of Renewable Energy Conversion System	S.Aissani M.Bechouat A.Menasria T.Amieur M. Sedraoui H.Doghmane	2022 IEEE 21st International conference on Sciences and Techniques of Automatic control & computer engineering (STA'2022)	2022	non	/	/	https://www.sta-tn.com/

Communications internationales	Improved face recognition under varying illumination conditions using webface-based local descriptors	A.Boualleg H.Doghmane M. Deriche H.Bourouba M. Sedraoui A.Menasria Azzeddine	2022 IEEE 21st International conference on Sciences and Techniques of Automatic control & computer engineering (STA'2022)	2022	non	/	/	https://www.sta-tn.com/
	Design and implementation of real time system for the classification of pharmaceutical products categories	B.SMAANI M.S BENLATRECHE Y.YAKHELEF M. F. BOUKLACH N. M. SAHNOUN	5th International Conference on Innovative Studies of Contemporary Sciences, Tokyo - Japan	2022	non	ISBN: 978-625-8423-91-4	80	www.tokyosummit.org

<i>Communications internationales</i>	<p>Characterization and Simulation of the Power IGBT Module used in VFD for Drilling Applications</p>	<p>H.SEFSAF B.NADJI Y.YAKHELEF</p>	<p>6th International Conference on Artificial Intelligence in Renewable Energetic Systems, IC-AIRES'2022 University of Tamanrasset, Algeria.</p>	<p>2022</p>	<p>oui</p>	<p>/</p>	<p>/</p>	
	<p>Adaptive MPPT control of multilevel converter based solar microgrid system using ANFIS algorithm</p>	<p>Y.YAKHELEF, F.NAFA M. BOULOUH</p>	<p>5th International Conference on Innovative Studies of Contemporary Sciences, Tokyo - Japan</p>	<p>2022</p>	<p>non</p>	<p>ISBN - 978-625- 8246-37-7</p>	<p>987</p>	<p>www.ahievrancference.org</p>