

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

Année 2020

Etablissement Universitaire: Université 8 Mai 1945 de Guelma

Faculté: Faculté des Sciences et de la Technologie

Département: Génie civile et Hydraulique

Laboratoire de Génie Civil et d'Hydraulique (LGCH)

<i>Productions Scientifiques 2020</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>Micro Domaine</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
<i>A New Design Method for Fractional Order Proportional Integral (FO-PI) Controller of 3x3 Multivariable Systems</i>	<i>Sami Laifa, Badreddine Boudjehem</i>	<i>Algerian Journal of Signals and Systems (AJSS)</i>	<i>2020</i>	<i>non classée</i>		<i>5(1)</i>		https://ajss.dz/index.php/ajss/article/view/99
<i>PSO Control under Partial Shading Conditions</i>	<i>Amira Lakhdara Bahi Tahar Abdelkrim Moussaoui</i>	<i>Algerian Journal of Renewable Energy and Sustainable Development</i>	<i>2020</i>	<i>Non</i>	<i>Génie électrique et électronique</i>	<i>2(02)</i>	<i>126-136</i>	http://dx.doi.org/10.46657/ajresd.2020.2.2.5
<i>Preparation methods keratin and nanoparticles keratin from wool: a review.</i>	<i>Bachir Ben Seghir al.</i>	<i>Algerian Journal of Chemical Engineering</i>	<i>2020</i>	<i>Non classée</i>	<i>53. Génie Chimique</i>	<i>Vol 01 (2020)</i>	<i>PP 5-11</i>	http://www.ajce.periodikos.com.br/

Publications nationales

Elimination of Methylene Blue by low-cost Biomaterial prepared from Local Natural Residue	Fatma Lansari Meryem Edjekouane Omar Khelifi Ishak Boukheteche Hamza Laksaci	Algerian Journal of Renewable Energy and Sustainable Development	2020	non classée	Génie del'environnement	2(1)	60-66	https://ajresd.univ-adrar.edu.dz/index.php?journal=AJRES&page=article&op=view&ath%5B%5D=66
Production of Bioethanol from a Local Natural Resource	Meryem Edjekouane Fatma Lansari Omar Khelifi Ishak Boukheteche Hamza Laksaci	Algerian Journal of Renewable Energy and Sustainable Development	2020	non classée	Energies et carburants	2(1)	56-59	https://ajresd.univ-adrar.edu.dz/index.php?journal=AJRES&page=article&op=view&ath%5B%5D=65
« Etude de l'influence de la granulométrie sur les propriétés du béton drainant (revêtement alternatif pour les pavés extérieurs)	A. Khezzane, A Benouis, S. Boukour	1 ^{er} Séminaire National sur les Eco-Matériaux et Conception des Eco-Structures SNEMCES'21, Université des Sciences et de la Technologie Mohamed BOUDIAF, Oran-Algérie, 03 Avril 2021.	2020	non classée	Matériaux			

Publications nationales

<i>Effet de la granulométrie sur les propriétés du béton drainant », De L'architecture A L'urbanisme</i>	<i>A. Khezzane, A Benouis, S. Boukour</i>	<i>Département d'Architecture de l'Université Abou Bekr BELKAID de Tlemcen & l'Association Nationale des Enseignants Architectes Universitaires ANEAU - USTO- Algérie, 18 - 19 Novembre 2020</i>	<i>2020</i>	<i>non classée</i>	<i>Matériaux</i>			
<i>Évaluation post-occupationnelle de l'habitat individuel participatif, cas de quartier évolutif, Hricha Amar, Ain Smara, Constantine</i>	<i>BENAYOUNE Hadjer</i>	<i>Poster à la 1re conférence internationale « Ville Durable et développement local » de l'Université 8 Mai 1945 Guelma, Algérie</i>		<i>non classée</i>	<i>Architecture</i>			

Methodology to knowledge discovery for fault diagnosis of hybrid dynamical systems: demonstration on two tanks system.	Achbi, M. S Mhamdi, L. Kechida, S Dhouibi, H.	Diagnostyka	2020	B-Scopus	diagnostic	21 (4)	115-123	https://doi.org/10.29354/diag/130617
Diagnosis of hybrid systems through bond graph, observers and timed automata	Achbi, M. S Mhamdi, L. Kechida, S Dhouibi, H.	Diagnostyka	2020	B-Scopus	diagnostic	21 (3)	113-125	https://doi.org/10.29354/diag/126444
Methodology for monitoring and diagnosing faults of hybrid dynamic systems: a case study on a desalination plant	Achbi, M. S., Kechida, S	Diagnostyka	2020	B-Scopus	diagnostic	21 (1)	27-33	https://doi.org/10.29354/diag/116076
Whale optimizer algorithm to tune PID controller for the trajectory tracking control of robot manipulator	Loucif Fatiha, Kechida Sihem Sebbagh Abdennour	Journal of the Brazilian Society of Mechanical Sciences and Engineering.	2020	A	Robotique	42:1.	01-nov	https://doi.org/10.1007/s40430-019-2074-3

Passive optimal feedback control of an articulated flexible arm''	Tebbikh Raja, Kechida Sihem Tebbikh Hicham	Journal of Vibration and Control,	2020	A	Robotique	0(0)	janv-13	https://doi.org/10.1177/1077546320956763
Optimization of sliding mode control with PID. surface for robot manipulator by Evolutionary. Algorithms.	Loucif Fatiha Kechida Sihem	Open ComputerScience	2020	B-Scopus	Robotique	10	396-407	https://doi.org/10.1515/comp-2020-0144
Simultaneous Fault Detection and Diagnosis Using Adaptive Principal Component Analysis and Multivariate Contribution Analysis	Elshenawy Lamiaa, A. Mahmoud Tarek, Chakour Chouaib	Industrial & Engineering Chemistry Research	2020	A	Fault detection and isolation (FDI)	59, 47,	20798-20815	https://doi.org/10.1021/acs.iecr.0c04572

Traffic congestion monitoring using an improved kNN strategy	Fouzi Harrou, Abdelhafid Zeroual, Ying Sun	Measurement	2020	A+	Traffic congestion monitoring	156	107735	https://doi.org/10.1016/j.measurement.2020.107534
Deep learning methods for forecasting COVID-19 time-Series data: A Comparative study	Abdelhafid Zeroual, Fouzi Harrou, Abdelkader Dairi, Ying Sun	Chaos, Solitons & Fractals	2020	A+	COVID-19 Forecasting	140		https://doi.org/10.1016/j.chaos.2020.110121
Modeling of Magnetic Hysteresis Using Student Distribution	Mourad Dafri, Abdelaziz Lajimi, Sofiane Mendaci Abdesselam Babouri	Journal of Superconductivity and Novel Magnetism	2020	A	Génie électrique et électronique	33	3865-3869	https://link.springer.com/article/10.1007/s10948-020-05650-8
Medical Image Classification Using the Discriminant Power Analysis (DPA) of Discrete Cosine Transform (DCT) Coefficients.	Benhassine NasserEdinne, Boukaache Abdelnour Boudjehem Djalil	Real Perspective of Fourier Transforms	2020	A	Informatique et Intelligence artificielle	Volume 50	pages 154-164	http://labcav.univ-guelma.dz/node/245
Analytical design of multi-loop fractional IMC-PID-filter controllers for MIMO system using equivalent NIOPDT models	Laifa Sami, Badreddine Boudjehem, Djalil Boudjehem	Transactions on Systems and Control	2020	B-Scopus	Automation et systèmes de contrôle	Volume 15	Pages 383-393	https://doi.org/10.1016/j.yofte.2019.03.021

Steel Strip Surface Defect Identification using Multiresolution Binarized Image Features	Mentouri, Zoheir, Moussaoui A., Boudjehem, Djalil	J Fail. Anal. and Preven	2020	B-Scopus	Automation et systèmes de contrôle	Volume 20	1917-1927	https://doi.org/10.1007/s11668-020-01012-7
Improved cross pattern approach for steel surface defect recognition	Zoheir Mentouri	International Journal of Advanced Manufacturing Technology	2020	A	Automation et systèmes de contrôle	Volume 62	Pages 3091-3100	http://labcav.univ-guelma.dz/node/242
Fractional-order fuzzy controller for a PMSG wind turbine system.	Belgacem Herissi Djalil Boudjehem	International Journal of Systems Science	2020	A	Automation et systèmes de contrôle	Volume5 1/16	Pages 3237-3250	https://doi.org/10.1080/00207721.2020.1810819
, A new CAD system for breast cancer classification using discrimination power analysis of wavelet's coefficients and support vector machine.	Benhassine Nasser Edinne , Boukaache Abdelnour, Boudjehem Djalil	Journal of Mechanics in Medicine and Biology	2020	A	Informatique et Intelligence artificielle	Volume 20Numér o 6	janv-14	http://labcav.univ-guelma.dz/node/233
New indoor positioning technique using spectral data compression based on VLC for performance improvement	Chaabna Ameur al.	Opt Quant Electron	2020	A	Génie électrique et électronique	52	343	http://labcav.univ-guelma.dz/node/232

<p>Theoretical study of coherent supercontinuum generation in chalcogenide glass photonic crystal fiber</p>	<p>Medjouri A., Abed Djamel,</p>	<p>Optik</p>	<p>2020</p>	<p>A</p>	<p>Optique</p>	<p>Volume 219</p>	<p>165-178</p>	<p>http://labcav.univ-guelma.dz/node/201</p>
<p>Classification of mammogram images using the energy probability in frequency domain and most discriminative power coefficients.</p>	<p>Benhassine Nasser Edinne , Boukaache Abdelnour, Boudjehem Djalil,</p>	<p>Int J Imaging Syst Technol</p>	<p>2020</p>	<p>A</p>	<p>Informatique et Intelligence artificielle</p>	<p>Volume: 30 Numéro: 1</p>	<p>Pages: 45-56</p>	<p>http://labcav.univ-guelma.dz/node/210</p>
<p>Elaboration and Characterization of Flax Fiber Reinforced High Density Polyethylene Biocomposite: Effect of the Heating Rate on Thermo-mechanical Properties. J Nat Fibers</p>	<p>Makhlouf A, Belaadi A, Amroune S, Bourchak M, Satha H</p>	<p>J Nat Fibers</p>	<p>2020</p>	<p>A</p>	<p>Science des matériaux, biomatériaux</p>	<p>In Press</p>		<p>https://www.tandfonline.com/doi/full/10.1080/15440478.2020.1848737</p>
<p>Quantitatively Investigating the Effects of Fiber Parameters on Tensile and Flexural Response of Flax/Epoxy Biocomposites.</p>	<p>Amroune S, Belaadi A, Dalmis R, Seki Y, Makhlouf A, Satha H</p>	<p>J Nat Fibers</p>	<p>2020</p>	<p>A</p>	<p>Science des matériaux, biomatériaux</p>	<p>In Press</p>		<p>https://www.tandfonline.com/doi/full/10.1080/15440478.2020.1817831</p>

<p>Structural study and thermal behavior of composites: Polyamide 66/glass fibers: The reinforcement ratio effect on the kinetics of crystallization</p>	<p>Makhlouf A, Layachi A, Kouadri I, Belaadi A, Satha H</p>	<p><i>J Compos Mater</i></p>	<p>2020</p>	<p>A</p>	<p><i>Science des matériaux, biomatériaux</i></p>	<p>54</p>	<p>1467-1481</p>	<p>DOI: 10.1177/0021998319883913journals.sagepub.com/home/jcm</p>
<p>Statistical and Experimental Analysis of the Mechanical Properties of Flax Fibers.</p>	<p>Amroune S, Belaadi A, Bourchak M, Makhlouf A, Satha H.</p>	<p><i>J Nat Fibers</i></p>	<p>2020</p>	<p>A</p>	<p><i>Science des matériaux, biomatériaux</i></p>	<p>In Press</p>		<p>https://www.tandfonline.com/doi/full/10.1080/15440478.2020.1775751</p>
<p>Electrocatalytic performance of Pt-Ni nanoparticles supported on an activated graphite electrode for ethanol and 2-propanol oxidation</p>	<p>Chelaghmia M.L, Nacef M, Fisli H, Affoune A.M, Pontié M, Makhlouf A, al.</p>	<p><i>Royal Society of Chemistry</i></p>	<p>2020</p>	<p>A</p>	<p><i>Science des matériaux</i></p>	<p>10</p>	<p>36941-36948</p>	<p>https://pubs.rsc.org/en/content/articlepdf/2020/ra/d0ra07331h</p>

<p>Effect of eco-friendly chemical sodium bicarbonate treatment on the mechanical properties of flax fibres: Weibull statistics</p>	<p>A Belaadi, S Amroune, M Bourchak</p>	<p>The International Journal of Advanced Manufacturing Technology</p>	<p>2020</p>	<p>A</p>	<p>Science des matériaux, biomatériaux</p>	<p>106</p>	<p>1753-1774</p>	<p>https://link.springer.com/article/10.1007/s00170-019-04628-8</p>
<p>Mechanical characterization and optimization of delamination factor in drilling bidirectional jute fibre-reinforced polymer biocomposites</p>	<p>A Belaadi M Boumaaza S Amroune M Bourchak</p>	<p>The International Journal of Advanced Manufacturing Technology</p>	<p>2020</p>	<p>A</p>	<p>Science des matériaux, biomatériaux</p>	<p>111</p>	<p>2073-2094</p>	<p>https://link.springer.com/article/10.1007/s00170-020-06217-6</p>
<p>Behaviour of lignocellulosic fibre-reinforced cellular core under low-velocity impact loading: Taguchi method.</p>	<p>M Cherief A Belaadi M Bouakba M Bourchak</p>	<p>The International Journal of Advanced Manufacturing Technology</p>	<p>2020</p>	<p>A</p>	<p>Science des matériaux, biomatériaux</p>	<p>108</p>	<p>223-233</p>	

<p><i>The Effect of Alkaline Treatment on Mechanical Performance of Natural Fibers-reinforced Plaster: Optimization Using RSM</i></p>	<p>M Boumaaza M Bourchak A Belaadi</p>	<p><i>J Nat Fibers</i></p>	<p>2020</p>	<p>A</p>	<p><i>Science des matériaux, biomatériaux</i></p>	<p>In Press</p>		<p>https://doi.org/10.1080/15440478.2020.1724236</p>
<p><i>Mechanical and drilling performance of short jute fibre-reinforced polymer biocomposites: statistical approach</i></p>	<p>A Belaadi H Laouici M Bourchak</p>	<p><i>The International Journal of Advanced Manufacturing Technology</i></p>	<p>2020</p>	<p>A</p>	<p><i>Science des matériaux, biomatériaux</i></p>	<p>106</p>	<p>1989-2006</p>	<p>https://link.springer.com/article/10.1007/s00170-019-04761-4</p>
<p><i>Modal Analysis of Orthotropic Thin Rectangular Plate Based on Analytical and Finite Element Approaches</i></p>	<p>S. DEGHOUDJ, W. BOUKHEDENA, H. SATHA</p>	<p><i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i></p>	<p>2020</p>	<p>B</p>	<p><i>Science des matériaux, Composites</i></p>	<p>30</p>	<p>217-225</p>	
<p><i>Two Routes to Produce Chitosan from Agaricusbisporus.</i></p>	<p>A. HASSAINIA, H. SATHA, S. BOUFI</p>	<p><i>Journal of Renewable Materials</i></p>	<p>2020</p>	<p>A</p>	<p><i>Science des matériaux, biomatériaux</i></p>	<p>8</p>	<p>101-111</p>	

<p>Thermal, Structural and Morphological Studies of Cellulos and CellulosNanofibers Extracted from Bitter Watermelon of the Cucurbitaceae Family.</p>	<p>H. SATHA, I. KOUADRI, D. BENACHOUR</p>	<p>Journal of Polymer and the Environment</p>	<p>2020</p>	<p>A</p>	<p>Science des matériaux, biomatériaux</p>	<p>28</p>	<p>1914-1920</p>	
<p>Crystallization kinetics and growth mechanism of 0.5 (Ba_{0.85}Ca_{0.15})TiO₃-0.5Ba(Zr_{0.1}Ti_{0.9})O₃ powders prepared via solid-state reaction</p>	<p>A. LOUAER, S. CHAGUETMI, A. LAYACHI, A. TAIBI, H. SATHA</p>	<p>Phase Transactions</p>	<p>2020</p>	<p>A</p>	<p>Science des matériaux, Céramiques</p>	<p>93</p>	<p>116-133</p>	
<p>Combined effect of palygorskite and melamine polyphosphate on flame retardancy properties of polyamide 11 nanocomposites</p>	<p>B. BENOBEIDALLAH, A. BENHAMIDA M. KACI, J-M LOPEZ CUESTA</p>	<p>Applied Clay Science</p>	<p>2020</p>	<p>A</p>	<p>Science des matériaux</p>	<p>198</p>	<p>01-sept</p>	<p>https://www.sciencedirect.com/science/article/abs/pii/S016913172030402</p>
<p>Effects of montmorillonite, sepiolite, and halloysite clays on the morphology and properties of polycaprolactone/bionanocomposites</p>	<p>A. KASSA, S. BRUZAUD</p>	<p>Polymer and Polymer Composites</p>	<p>2020</p>	<p>A</p>	<p>Science des matériaux</p>	<p>28 issue 5</p>	<p>338-347</p>	<p>https://journals.sagepub.com/doi/abs/10.1177/0967391119877040?journalCode=ppca</p>

<p>Enhancement of the photoelectrochemical properties of TiO₂ nanofibers supported on Ti sheets by polyol-made CdSe quantum-dots impregnation</p>	<p>Samiha Chaguetmi, Salem Chaguetmi, Nadjah Sobti, Hanène Belkahla, Larissa Chaperman, Athanasios Chatzitakis, Slimane Achour, Fayna Mammeri, Souad Ammar-Merah</p>	<p>Materials Letters</p>	<p>2020</p>	<p>A</p>	<p>Science des matériaux</p>	<p>273 issue 15</p>		<p>https://www.sciencedirect.com/science/article/abs/pii/S0167577X2030639X</p>
<p>Stability and electronic properties of Rh-doped ruthenium clusters and their interaction with NH₃ molecule</p>	<p>Mouhssin Boulbazine, Abdel-Ghani Boudjahem, Salem Chaguetmi, Abdelhak Karaman</p>	<p>Molecular Physics</p>	<p>2020</p>	<p>A</p>	<p>Science des matériaux</p>	<p>118 issue 6</p>		
<p>Fault diagnosis of rolling bearings in non-stationary running conditions using improved CEEMDAN and multivariate denoising based on wavelet and principal component analyses</p>	<p>Lilia Chaabi Ahcene Lemzadmi, Abderrazek Djebala Mohamed Lamine Bouhalais Nouredine Ouelaa</p>	<p>The International Journal of Advanced Manufacturing Technology</p>	<p>2020</p>	<p>A</p>	<p>Mécanique</p>	<p>107</p>	<p>3859-3873</p>	<p>https://link.springer.com/article/10.1007/s00170-020-05311-z</p>

Publications internationales	Improved cross pattern approach for steel surface defect recognition	Zoheir Mentouri Abdelkrim Moussaoui Bourouba Hocine Hakim Doghmane	The International Journal of Advanced Manufacturing Technology	2020	A	Génie électrique et électronique	110(11-12)	01-oct	https://link.springer.com/article/10.1007/s00170-020-06050-x
	Steel Strip Surface Defect Identification using Multiresolution Binarized Image Features	Zoheir Mentouri Abdelkrim Moussaoui Bourouba Hocine Hakim Doghmane	Journal of Failure Analysis and Prevention	2020	B (Scopus)	Génie électrique et électronique	20(5)	1917-1927	http://dx.doi.org/10.1007/s11668-020-01012-7
	Optimal wavelet analysis and enhanced independent component analysis for isolated and combined mechanical faults diagnosis	Tawfik Thelaidjia Abdelkrim Moussaoui Salah Chenikher	International Journal of Advanced Mechatronic Systems	2020	B (Scopus)	Génie électrique et électronique	8(2/3)	116-126	http://dx.doi.org/10.1504/IJAMECHS.2020.10033406

<p>Far Field Prediction From Near Field Using the Plane Wave Spectrum Method</p>	<p>Mohamed Amine Benchana, Abderrezak Khalfallaoui, Abdelhalim Chaabane, Abdesselam Babouri, Abdelaziz Ladjimi, Zouheir Riah</p>	<p>Journal of Atomic, Molecular, Condensed Matter and Nano Physics</p>	<p>2020</p>	<p>C</p>	<p>Génie électrique et électronique</p>	<p>7 (3)</p>	<p>167-172</p>	<p>https://www.rgnpublications.com/journals/index.php/jamcnp/article/view/1542</p>
<p>New indoor positioning technique using spectral data compression based on VLC for performance improvement</p>	<p>Ameur Chaabna, Abdesselam Babouri, Xun Zhang, Chuanxi Huang, Halim Chouabia</p>	<p>Optical and Quantum Electronics</p>	<p>2020</p>	<p>A</p>	<p>Génie électrique et électronique</p>	<p>52 (7)</p>	<p>janv-21</p>	<p>https://link.springer.com/article/10.1007/s11082-020-02452-z</p>
<p>Modeling of Magnetic Hysteresis Using Student Distribution</p>	<p>Mourad Dafri, Abdelaziz Lajimi, Sofiane Mendaci, Abdesselam Babouri</p>	<p>Journal of Superconductivity and Novel Magnetism</p>	<p>2020</p>	<p>A</p>	<p>Génie électrique et électronique</p>	<p>33 (12)</p>	<p>3865-3869</p>	<p>https://link.springer.com/article/10.1007/s10948-020-05650-8</p>

<p>Estimation of average roughness of X200Cr12 steel using displacement from the tool nozzle</p>	<p>N. KRIBES, A. REZAIGUIA, N. OUELAA M.A. YALLESE</p>	<p>The International Journal of Advanced Manufacturing Technology</p>	<p>2020</p>	<p>A</p>	<p>Génie Mécanique</p>	<p>110</p>	<p>3323-3337</p>	<p>https://link.springer.com/article/10.1007/s00170-020-06067-2</p>
<p>Modelling and optimization of machining parameters during hardened steel AISID3 turning using RSM, ANN and DFA techniques: Comparative study</p>	<p>L.BOUZID, M.A.YALLESE, S.BELHADI, A HADDAD</p>	<p>Journal of Mechanical Engineering and Sciences</p>	<p>2020</p>	<p>B</p>	<p>Génie de Fabrication</p>	<p>14</p>	<p>6835-6847</p>	<p>https://journal.ump.edu.my/jmes/article/view/2134</p>
<p>Dry turning optimization of austenitic stainless steel 316L based on Taguchi and TOPSIS approaches</p>	<p>Y. TOUGGUI, S. BELHADI, T.MABROUKI, M. TEMMAR, M. A. YALLESE</p>	<p>Matériaux & Techniques</p>	<p>2020</p>	<p>B</p>	<p>Génie de Fabrication</p>	<p>108</p>	<p>401</p>	<p>https://www.mattech-journal.org/articles/mattech/abs/2020/04/mt200004/mt200004.html</p>

Statistical Study and Multi-Response Optimization of Cutting Parameters for Dry Turning Stainless Steel AISI 316L Using Cermet Tool	Y. TOUGGUI, S. BELHADI, S. MECHRAOUI, M. A. YALLESE M. TEMMAR	Advanced Engineering Forum	2020	B	Génie de Fabrication	36	28-46	https://www.scientific.net/AEF.36.28
Design optimization in hard turning of E19 alloy steel by analysing surface roughness, tool vibration and productivity	M. W. AZIZI, O. KEBLOUTI, L. BOULANOUAR M. A. YALLESE	Structural Engineering and Mechanics	2020	A	Génie de Fabrication	73	501-513	https://www.researchgate.net/profile/Mohamed_Walid_Azizi4/publication/339953965_Design_optimization_in_hard_turning_of_E19_alloy_steel_by_analysing_surface_roughness_tool_vibration
Optimization of machining parameters in turning of Inconel 718 Nickel-base super alloy	W. FRIFITA, S. BEN SALEM, A. HADDAD, M. A. YALLESE	Mechanics & Industry	2020	A	Génie de Fabrication	21	203	https://www.mechanics-industry.org/article/s/meca/abs/2020/02/mi190203/mi190203.html
Comparative study between cyclostationary analysis, EMD, and CEEMDAN for the vibratory diagnosis of rotating machines in industrial environment	T. KEBABSA, A. DJEBALA, MK. BABOURI, MC. DJAMAA, L. CHAABI, N. OUELAA	The International Journal of Advanced Manufacturing Technology	2020	A	Génie Mécanique	109	2747-2775	https://link.springer.com/article/10.1007/s00170-020-05848-z

<p><i>Fault diagnosis of rolling bearings in non-stationary running conditions using improved CEEMDAN and multivariate denoising based on wavelet and principal component analyses</i></p>	<p>L. CHAABI, A. LEMZADMI, A. DJEBALA, M.L. BOUHALAIS N. OUELAA</p>	<p><i>The International Journal of Advanced Manufacturing Technology</i></p>	<p>2020</p>	<p>A</p>	<p>Génie Mécanique</p>		<p>janv-15</p>	<p>https://link.springer.com/article/10.1007/s00170-020-05311-z</p>
<p><i>Rolling bearing faults severity classification using a combined approach based on multi-scales principal component analysis and fuzzy technique</i></p>	<p>M.K. BABOURI, A.DJEBALA, N. OUELAA, B.OUDJANI, R. YOUNES</p>	<p><i>The International Journal of Advanced Manufacturing Technology</i></p>	<p>2020</p>	<p>A</p>	<p>Génie Mécanique</p>		<p>janv-16</p>	<p>https://link.springer.com/article/10.1007/s00170-020-05342-6</p>
<p><i>Modeling and Experimental Validation of Dynamic Response of the Cutting Tool in Turning Operations</i></p>	<p>S. ABAINIA, N. OUELAA, M. C. DJAMAA</p>	<p><i>FME Transactions</i></p>	<p>2020</p>	<p>B</p>	<p>Génie Mécanique</p>	<p>48</p>	<p>454-459</p>	<p>https://scindeks.ceon.rs/article.aspx?artid=1451-20922002454X</p>
<p><i>Influence Structures of the Machine Tools on Roughness in Turning</i></p>	<p>N. KRIBES, N. OUELAA, M. A. YALLESE T.MABROUKI, JF. RIGAL</p>	<p><i>J. Adv. Manuf. Eng.</i></p>	<p>2020</p>	<p>A</p>	<p>Génie de Fabrication</p>	<p>1</p>	<p>01-août</p>	<p>https://www.researchgate.net/profile/Kribes-Nabil/publication/339842614_Influence_Structures_of_the_Machine_Tools_on_Roughness_in_Turning/links/</p>

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Computation of energy release rate for interfacial crack in orthotropic bimetals	Salah Bouziane	Scipedia		Scopus	Structures			https://www.scipedia.com/public/Bouziane_Bouzerd_2020a
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PHYSICAL CHARACTERIZATION AND DURABILITY OF BLENDED CEMENTS BASED ON BRICK POWDER	Ghania NIGRI, Yacine CHERAIT, Soraya NIGRI	CIVIL AND ENVIRONMENTAL ENGINEERING REPORTS	2020	Scopus	Matériaux	30 (3)	0200-0213	DOI: 10.2478/ceer-2020-0040
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PHYSICAL CHARACTERIZATION AND DURABILITY OF BLENDED CEMENTS BASED ON BRICK POWDER	Ghania NIGRI, Yacine CHERAIT, Soraya NIGRI	CIVIL AND ENVIRONMENTAL ENGINEERING REPORTS	2020	Scopus	Matériaux	30 (3)	0200-0213	DOI:10.2478/ceer-2020-0040
Numerical study of the behaviour of geosynthetic-reinforced soil retaining walls under a uniform surcharge	Wafa Djebablah Mohamed Salah Nouaouria Souhila Adjabi	Int. J. Structural Engineering	2020	Scopus	Géotechnique	10, No. 2	139-149	
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<p>Enhancement of the Geotechnical Properties of Soils Using Marble and Lime Powders, Guelma City, Algeria</p>	<p>Ammar Rouaiguia</p>	<p>Geotech Geol Eng</p>		<p>Scopus</p>				
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<p>« Evaluation de la performance d'un bâtiment à travers la méthode d'évaluation post-occupationnelle. Cas d'un équipement universitaire situé à l'université d'Oum Bouaghi, Algérie</p>	<p>BENAYOUNE Hadjer</p>	<p>l'Actes du séminaire international : "Villes durables et développement local"International journal of innovative research in human science IJIRHS.</p>		<p>Scopus</p>				
<p>Évaluation d'un environnement éducatif à travers l'évaluation post-occupationnelle. Cas de la faculté d'architecture et d'urbanisme, Constantine 3, Algérie</p>	<p>BENAYOUNE Hadjer</p>	<p>L'Acte du séminaire international : «De l'architecture à l'urbanisme ; quel défi pour la ville de demain: Algerian Journal of Engineering, Architecture and Urbanism AJEAU</p>		<p>Scopus</p>				

<p>Détection du Changement de L'étalement urbain au Bas-Sahara algérien : Apport de la Télédétection Spatiale et des SIG. Cas de la ville de Biskra (Algérie).</p>	<p>Dechaicha Assoule Alkama Djamel</p>	<p>Revue Française de Photogrammétrie et de Télédétection RFPT</p>	<p>2020</p>	<p>B-Scopus</p>	<p>Architecture et Urbanisme</p>	<p>222</p>	<p>43 51</p>	<p>https://doi.org/https://doi.org/10.52638/rfpt.2020.486</p>
<p>A Spatio-temporal cartography and landscape metrics of urbanization patterns in Algerian Low-Sahara. The case of Ouargla City</p>	<p>Dechaicha Assoule Alkama Djamel</p>	<p>Journal of Fundamental and Applied Sciences JFAS</p>	<p>2020</p>	<p>B-non Scopus (ALLDATABASES V 2019-2020)</p>	<p>Architecture et Urbanisme</p>	<p>12 (3)</p>	<p>1235-1252</p>	<p>https://doi.org/https://doi.org/10.4314/jfas.v12i3.16</p>
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Mechanical performance of an optimized cork agglomerate core-glass fibre sandwich panel	Reis P.N.B., Silva M.P., Santos P., Parente J.M., Valvez S., Bezazi A	Composite Structures	Vol 245	2020	Article 112375	/		
Investigation of the date palm fiber for green composites reinforcement: Quasi-static and fatigue characterization of the fiber.	Bezazi A., Amroune S., Scarpa F., Dufresne A., Imad A	Industrial Crops and Products	Volume 146	April 2020	Article 112135	/		
In-plane elastic constants of a new curved cell walls honeycomb concept	Harkati A., Boutagouga D., Harkati E., Bezazi A., Scarpa F., Ouisse M	Thin-Walled Structures	Vol 149	April 2020	Article 106613			
Hybrid Polyester Composites Reinforced with CurauáFibres and Nanoclays	Del Pino G. G., Kieling, A.C., Bezazi, A., Boumediri H., Rolim de Souza J. F. V. Díaz F., Rivera J. L.V., J. Dehaini, T. H. Panzera	FibersPolymers	Vol 21	2020	399-406			

Viscoelastic behaviour of composites with epoxy matrix filled by cork powder	Reis P.N.B., Silva M.P., Santos P., Parente J.M., Bezazi A	Composite Structures	Vol 234	15 February 2020	Article 1116692020			
Evaluation of the integrals of Green's function of Lamb's model used in contact problems	H. Gherdaoui, S. Guenfoud, Sergey V. Bosakov, A.Rezaiguia, Debra F Laefer	Acta Mechanica	Vol 231(10)	October 2020	pp. 4145-4156	DOI: 10.1007/s00707-020-02755-y		
Estimation of average roughness of X200Cr12 steel using displacement from the tool nozzle	Kribes, N., Rezaiguia, A., Ouelaa, N., Yallese, M.A.,	International Journal of Advanced Manufacturing Technology	Vol. 110 N° 11-12	2020	pp. 3323-3337			
Evaluation of the integrals of Green's function of Lamb's model used in contact problems	Gherdaoui, H., Guenfoud, S., Bosakov, S.V., Rezaiguia, A., Laefer, D.F.	Acta Mechanica	Vol. 231(10)	2020	pp. 4145-4156			
Free Vibration Analysis of Torsional Line Shafts of Four-Stroke Engine	Rezaiguia, A. Guenfoud, S., Laefer, D.F.	Springer Nature Switzerland AG 2020, LNME (Book chapter)		2020	pp. 211-217			https://doi.org/10.1007/978-3-030-52071-7_29
Ear recognition based on discriminant multi-resolution image representation	Hakim Doghmane, Hocine Bouroubal.	International Journal of Biometrics	2020	B-Scopus	Informatique et Intelligence Artificielle	V 12, No. 4.	377-395.	https://www.inderscience.com/info/inarticle.php?artid=110812

A spatial pyramidal decomposition method for finger vein recognition using local descriptors	Badreddine Griouz, Rafik Djemili Hocine Bourouba Hakim Doghmane	International Journal of Biometrics	2020	B-Scopus	Informatique et Intelligence Artificielle	V 12, No. 2.	131-146.	https://www.inderscience.com/info/inarticle.php?artid=107713
Improved cross pattern approach for steel surface defect recognition 2020	Zoheir Mentouri, Hakim Doghmane, Abdelkrim Moussaoui, Hocine Bourouba	The International Journal of Advanced Manufacturing Technology, Springer	2020	A	Informatique et Intelligence Artificielle	V 110	3091-3100	https://link-springer-com.sndll.arn.dz/article/10.1007/s00170-020-06050-x
Steel Strip Surface Defect Identification using Multiresolution Binarized Image Features	Zoheir Mentouri, Abdelkrim Moussaoui, Djalil Boudjehem, Hakim Doghmane	Journal of Failure Analysis and Prevention, Springer US.	2020	B-Scopus	Informatique et Intelligence Artificielle	V 20	1917-1927	https://link-springer-com.sndll.arn.dz/article/10.1007/s11668-020-01012-7
Past, Present, and Future of Face Recognition: A Review	Insaf Adjabi, Abdeldjalil Ouahabi, Amir Benzaoui, Abdelmalik Taleb-Ahmed	Electronic, MDPI	2020	A	Informatique et Intelligence Artificielle	V9, No.8	pp.1188	https://www.mdpi.com/2079-9292/9/8/1188/htm
A New Framework for Grayscale Ear Images Recognition using Generative Adversarial Networks under Unconstrained Conditions	Yacine Khaldi Amir Benzaoui	Evolving Systems, Springer	2020	A	Informatique et Intelligence Artificielle	/	01-déc	https://link.springer.com/article/10.1007/s12530-020-09346-1

Feature extraction algorithm using new cepstral techniques for robust speech recognition	Mohamed Cherif Amara Korba, Bourouba Hocine, Djemili Rafik	Journal of Computer Science	2020	A	Informatique et Intelligence Artificielle	V. 33, No 2	. 90-101.	https://ejournal.um.edu.my/index.php/MJCS/article/view/23525
Fast iterative algorithms for birefringent filter design	A. Boukharouba	Applied Computing and Informatics	2020	B-Scopus	Informatique et Intelligence Artificielle	V 17 No 2	250-263	https://www.emerald.com/insight/content/doi/10.1016/j.aci.2018.08.004/full/pdf?title=fast-iterative-algorithms-for-birefringent-filter-design
Analysis of statistical coefficients and autoregressive parameters over intrinsic mode functions (IMFs) for epileptic seizure detection	Rafik Djemili	Biomedical Engineering/Biomedizinische Technik	2020	A	Informatique et Intelligence Artificielle	V 65 No 6	693-704	https://www.degruyter.com/document/doi/10.1515/bmt-2019-0233/html
Texture analysis and genetic algorithms for osteoporosis diagnosis	Yousfi Laatra , Houam Lotfi , Boukrouche Abdelhani	International Journal of Pattern Recognition and Artificial Intelligence	2020	A	Informatique et Intelligence Artificielle	V 34 No 5	pp. 2057002.	https://www.worldscientific.com/doi/10.1142/S0218001420570025
On the connections between two classical notions of multidimensional system equivalence	Boudellioua Med Salah, CLUZEAU Thomas	International Journal of Control	2020	A	Informatique et Intelligence Artificielle		01-déc	https://www.tandfonline.com/doi/full/10.1080/00207179.2020.1749939

Equivalence of wave linear repetitive processes and the singular 2-D Roesser state-space model	Boudellioua Med Salah, K. Galkowski, E. Rogers	Multidimensional Systems and Signal Processing	2020	A	Informatique et Intelligence Artificielle	V 31 No 1	103-116.	https://link.springer.com/article/10.1007/s11045-019-00654-7
Improving the performance of a junctionless carbon nanotube field-effect transistor using a split-gate	K. Tamersit	AEU - International Journal of Electronics and Communications	2020	A	Informatique et Intelligence Artificielle	V 115	153035	https://doi.org/10.1016/j.aeue.2019.153035
Computational study of p-n carbon nanotube tunnel field-effect transistor	K. Tamersit	IEEE Transactions on Electron Devices	2020	A	Informatique et Intelligence Artificielle	V 67	704-710	DOI:10.1109/TED.2019.2957050
Performance enhancement of an ultra-scaled double-gate graphene nanoribbon tunnel field-effect transistor using channel doping engineering: Quantum simulation study	K. Tamersit	AEU - International Journal of Electronics and Communications	2020	A	Informatique et Intelligence Artificielle	V 122	153287	https://doi.org/10.1016/j.aeue.2020.153287
A new pressure microsensor based on dual-gate graphene field-effect transistor with a vertically movable top-gate: Proposal, analysis, and optimization	K. Tamersit, M. Kotti, M. Fakhfakh	AEU - International Journal of Electronics and Communications	2020	A	Informatique et Intelligence Artificielle	V 124	153346	https://doi.org/10.1016/j.aeue.2020.153346

Sub-10 nm junctionless carbon nanotube field-effect transistors with improved performance	K. Tamersit	AEU - International Journal of Electronics and Communications	2020	A	Informatique et Intelligence Artificielle	V 124	153354	https://doi.org/10.1016/j.aeue.2020.153354
Improved performance of nanoscale junctionless carbon nanotube tunneling FETs using dual-material source gate design: A quantum simulation study	K. Tamersit	AEU - International Journal of Electronics and Communications	2020	A	Informatique et Intelligence Artificielle	V 127	153491	https://doi.org/10.1016/j.aeue.2020.153491
Profound analysis on sensing performance of NanogapSiGe source DM-TFET biosensor	M. K. Anvarifard, Z. Ramezani, I. S. Amiri, K. Tamersit, A. M. Nejad	Journal of Materials Science: Materials in Electronics	2020	A	Informatique et Intelligence Artificielle	V 24	22699-22712	https://doi.org/10.1007/s10854-020-04795-5
A new ultra-scaled graphene nanoribbon junctionless tunneling field-effect transistor: proposal, quantum simulation, and analysis	K. Tamersit	Journal of Computational Electronics	2020	A	Informatique et Intelligence Artificielle	V 19	170-176	https://doi.org/10.1007/s10825-019-01422-3

Productions Scientifiques 2020

Communications

Titre	Auteurs	Intitulé de manifestation	Année	Proceeding de la conférence indexé dans Scopus (oui /non)	Micro domaine	Volume	Page	URL
<p>The impact of roof on indoor thermal comfort in traditional cities. Case of Béni Isguen's Ksar</p>	<p>Kadri Meryem, Bouchair Ammar</p>	<p>DE L'ARCHITECTURE A L'URBANISME ; QUEL DEFI POUR LA VILLE DE DEMAIN, Tlemcen le 21 Novembre 2020 (Webinaire)</p>	<p>2020</p>	<p>non</p>	<p>Architecture</p>			<p>https://univ-constantine3.dz/wp-content/uploads/2020/10/Seminaire-1.pdf</p>
<p>Evaluation de la participation citoyenne à la gestion des espaces verts - cas de la ville de Jijel -</p>	<p>TOUBAL Ouisseme, Pr ALKAMA Djamal, Dr SALAH-SALAH Hana</p>	<p>"De l'architecture a l'urbansime: quel defi pour la ville de demain ? l'Université Abou Bekr BELKAID de Tlemcen & L'Association Nationale des Enseignants Architectes Universitaires ANEAU - USTOran</p>	<p>2020</p>	<p>non</p>	<p>Architecture</p>	<p>/</p>	<p>/</p>	<p>/</p>

Communications nationales

<p>Un nouvel élément fini de poutre basé sur l'approche en déformation.</p>	<p>HIMEUR Mohammed, GUENFOUD Hamza GUENFOUD Mohamed</p>	<p>CAM2019 - 23-26 Février 2020 - Ghardaia - Algérie.</p>	<p>2020</p>	<p>non</p>	<p>Structures</p>			
<p>Formulation d'un élément fini de coque en FGM basé sur la formulation en déformation tenant compte de la rotation autour de la normale</p>	<p>GUENFOUD Hamza, HIMEUR Mohammed ZIOU Hassina GUENFOUD Mohamed</p>	<p>CAM2019 - 23-26 Février 2020 - Ghardaia - Algérie.</p>	<p>2020</p>	<p>non</p>	<p>Structures</p>			
<p>Evaluation de la performance d'un bâtiment à travers la méthode d'évaluation post-occupationnelle. Cas d'un équipement universitaire situé à l'université d'Oum Bouaghi, Algérie</p>	<p>BENAYOUNE Hadjer</p>	<p>1re conférence internationale « Ville Durable et développement local » de l'Université 8 Mai 1945 Guelma, Algérie.</p>		<p>non</p>	<p>Architecture</p>			

Communications nationales

<p>Évaluation d'un environnement éducatif à travers l'évaluation post-occupationnelle. Cas de la faculté d'architecture et d'urbanisme, Constantine 3, Algérie</p>	<p>BENAYOUNE Hadjer</p>	<p>(webinaire) au séminaire national « De l'architecture à l'urbanisme ; quel défi pour la ville de demain ? » organisé par le Département d'Architecture de l'Université de Tlemcen, Algérie.</p>		<p>non</p>	<p>Architecture</p>			
<p>« L'évaluation post-occupationnelle (EPO), outils et techniques de recherche</p>	<p>BENAYOUNE Hadjer</p>	<p>(webinaire) dans « Les quatrièmes assises internationales de formation pour les doctorants et les masters en Architecture et Urbanisme » organisé par l'Institut d'Architecture et d'Urbanisme, Université Hadj Lakhdar Batna 1, Algérie.</p>		<p>non</p>	<p>Architecture</p>			

Communications nationales	A simple method for the design of supersonic nozzles of arbitrary cross-section shape	Boughazi N, Haddad A.	12th Conference on Mechanical Engineering - CME'2020, Ecole Militaire Polytechnique	15 Dec 2020					http://www.emp.mdn.dz/events/cme/
	Design of ARM Processor Based System for Embedded Applications	Boukhenoun Rania, Messaoudi Kamel, Doghmane Hakim	International Pluridisciplinar yPhdMetting (IPPM'20), 1st Edition	February 23-26, 2020, El-Oued Algeria.	NON	Informatique et Intelligence Artificielle			

<p>Fault diagnosis and Fault tolerant control of Hybrid Dynamic Systems.</p>	<p>Achbi, M. S., Mhamdi, L., Kechida, S., Dhouibi, H.</p>	<p>2nd International Conference on Electronics and Electrical Engineering IC3E. Bouira.</p>	<p>2020</p>	<p>Non</p>	<p>Diagnostic</p>			
<p>Sliding Mode Control with PID Surface for Robot Manipulator Optimized by Evolutionary Algorithms</p>	<p>Fatiha Loucif Sihem Kechida</p>	<p>International Conference RAEMP 2019</p>	<p>2020</p>	<p>Oui</p>	<p>Robotique</p>	<p>978-3-030-39847-7</p>	<p>19-32</p>	<p>https://link.springer.com/chapter/10.1007/978-3-030-39847-7_2</p>
<p>Analytical Synthesis of Decentralized Fractional Order Controllers for MIMO Processes Based on Fractional Reference Model</p>	<p>Sami Laifa</p>	<p>the 4th International Conference on Recent Advances in Electrical Systems (ICRAES'19)</p>	<p>23 décembre - 25 décembre 2019.</p>	<p>non</p>	<p>Automation et systèmes de contrôle</p>			
<p>Surface Flaw Classification Based on Dual Cross Pattern, The 16-17 March, El-Oued , Algeria</p>	<p>Zoheir Mentouri</p>	<p>First International Conference on Communications, Control Systems and Signal Processing (CCSSP 2020)</p>	<p>2020</p>	<p>oui</p>	<p>Automation et systèmes de contrôle</p>			

Energy Management and Control of a Photovoltaic System Connected to the Electrical Network	Amira Lakhdara, Abdelkrim Moussaoui, Bahî Tahar	17th International Multi-Conference on Systems, Signals&Devices (SSD), Monastir, Tunisia	2020	IEEE Explorer	Génie électrique et électronique			https://doi.org/10.1109/SSD49366.2020.9364183
Sliding Mode Control of Doubly-fed Induction Generator in Wind Energy Conversion System	Amira Lakhdara, Abdelkrim Moussaoui, Bahî Tahar	8th International Conference on Smart Grid (icSmartGrid), Paris, France	2020	IEEE Explorer	Génie électrique et électronique			http://dx.doi.org/10.1109/icSmartGrid49881.2020.9144778
Surface Flaw Classification Based on Dual Cross Pattern	Zoheir Mentouri Hakim Doghmane, Abdelkrim Moussaoui, Djalil Boudjehem	1st International Conference on Communications, Control Systems and Signal Processing (CCSSP)	2020	IEEE Explorer	Génie électrique et électronique			http://dx.doi.org/10.1109/CCSSP49278.2020.9151504
Satellite Image Fusion Using an Iterative Ihs-Based Approach	Ghadjati Amel Benazza Benyahia Abdelkrim Moussaoui	Mediterranean and Middle-East Geoscience and RemoteSensing Symposium (M2GARSS), Tunis, Tunisia	2020	IEEE Explorer	Génie électrique et électronique			https://doi.org/10.1109/M2GARSS47143.2020.9105197

3D Arrangement of LEDs for Indoor VLC Applications	Chouabia Halim, Babouri Abdesselam, Ladjimi Abdelaziz, Chaabna Aneur, Zhang Xun	IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB)	2020	Proceeding indexé dans scopus (H-index: 16)	Génie électrique et électronique	-	01-juin	https://ieeexplore.ieee.org/abstract/document/9379553
Multi-optimization of Stellite 6 Turning Parameters for Better Surface Quality and Higher Productivity Through RSM and Grey Relational Analysis	S. BELHADI, M. A. YALLESE	Design and Modeling of Mechanical Systems-IV: Proceedings of the 8th Conference on Design and Modeling of Mechanical Systems, CMSM'2019, March 18-20, Hammamet, Tunisia	220		Génie de Fabrication		382	https://books.google.dz/books?hl=en&lr=&id=0iLTDwAAQBAJ&oi=fnd&pg=PA382&dq=info:kiAtucUuMAoJ:scholar.google.com&ots=9Yj6va3Bea&sig=cCRz1scOjYf3uaSFB0pl4TEq7VA&redir_esc=y#v=onepage&q&f=false
Prediction of Forces Components During the Turning Process of Stellite 6 Material Based on Artificial Neural Networks	S. BELHADI, M. A. YALLESE	Design and Modeling of Mechanical Systems-IV: Proceedings of the 8th Conference on Design and Modeling of Mechanical Systems, CMSM'2019, March 18-20, Hammamet, Tunisia	220		Génie de Fabrication	/	399	https://books.google.dz/books?hl=en&lr=&id=0iLTDwAAQBAJ&oi=fnd&pg=PA399&dq=info:sfAJ0VyR-JsJ:scholar.google.com&ots=9Yj6va3Cid&sig=e6xQN9WkTZda6OI-gcPg_BIdkGs&redir_esc=y#v=onepage&q&f=false

<i>Effet de l'harpage sur le comportement quasi statique des murs en maçonnerie chaînée</i>	<i>Belghiat Choayb Guenfoud M, Plassiard Jean- Patrick, Messabhia Ali Ple Olivier</i>	<i>Journées Nationales Maçonnerie</i>	<i>2020</i>	<i>oui</i>	<i>Génie Civil</i>			
<i>Formulation d'un élément fini de coque en FGM basé sur la formulation en déformation tenant en compte de la rotation autour de la normale</i>	<i>Hamza Guenfoud, M. Himeur, H. Ziou M. Guenfoud</i>	<i>Congrès Algérien de Mécanique CAM 2020</i>	<i>2020</i>	<i>OUI</i>	<i>Génie Civil</i>			
<i>Un nouvel élément fini de poutre basé sur l'approche en déformation</i>	<i>M. Himeur, H. Guenfoud M. Guenfoud</i>	<i>Congrès Algérien de Mécanique CAM 2020</i>	<i>2020</i>	<i>OUI</i>	<i>Génie Civil</i>			
<i>Modélisation tridimensionnelle d'une poutre sandwich en utilisant la solution exacte de Saint Venant</i>	<i>Khébizzi Mourad, Guenfoud Hamza, Guenfoud M, El fatmi Rashed</i>	<i>Congrès Algérien de Mécanique CAM 2020</i>	<i>2020</i>	<i>OUI</i>	<i>Génie Civil</i>			

<p>"The participative approach, a means of local development to succeed an architectural and urban project"</p>	<p>Kadri Meryem, Bouchair Ammar</p>	<p>Séminaire international -Webinaire- "Processus du projet architectural : réalités, défis, prospectives" (PDPA 2021) Guelma, le 13 Avril 2021</p>	<p>2021</p>	<p>non</p>	<p>Architecture</p>			
<p>The M'zab Valley Ksur, a living legacy and a school of inspiration, towards a sustainable development approach.</p>	<p>Kadri Meryem, Bouchair Ammar</p>	<p>Virtual International Conference on Heritage and Memory Architecture, History and Civilization</p>	<p>2021</p>	<p>non</p>	<p>Architecture, History and Civilization</p>			
<p>ville durable et éco-citoyenneté en Algérie, cas de la ville de Jijel</p>	<p>BOUKROUH Naima, BOUCHAIR Ammar</p>	<p>« vivre la ville, entre hier et demain », université Badji Mokhtar - Annaba</p>	<p>2020</p>	<p>non</p>	<p>Architecture</p>	<p>/</p>	<p>/</p>	
<p>La promotion immobilière libre, la tendance qui propage dans le triangle historique de la ville de Jijel ; une attractivité pour la ville ou une destruction de son héritage historique?</p>	<p>BOUKROUH Naima, BOUCHAIR Ammar</p>	<p>« processus du projet architecturale : réalité, défis et prospective », université 8mai 1945-Guelma</p>	<p>2020</p>	<p>non</p>	<p>Architecture</p>	<p>/</p>	<p>/</p>	

Quelle production urbaine pour une éco-citoyenneté, cas de la ville de Jijel.	BOUKROUH Naima, BOUCHAIR Ammar	« ville durable et développement locale », université 8mai 1945 - Guelma	2020	non	Architecture	/	/	
The Impact of Building Shape and Density on Active Solar Energy Potential	Sofiane Bensehla	EU-PVSEC2020 37th Européen Photovoltaic Solar Energy Conference and Exhibition		non	Architecture			
Amélioration de la qualité des espaces verts en ville pour une meilleure qualité de vie - cas de la ville de Jijel -	TOUBAL Ouisseme, Pr ALKAMA Djamal, Dr SALAH-SALAH Hana	« vivre la ville, entre hier et demain », université Badji Mokhtar - Annaba	2020	non	Architecture			
Participation citoyenne dans la gestion des espaces verts pour garantir leur bien-être - cas de la ville de Jijel-	TOUBAL Ouisseme, Pr ALKAMA Djamal, Dr SALAH-SALAH Hana	« ville durable et développement locale », université 08mai 1945 - Guelma	2020	non	Architecture			
A new finite element formulation based on deformation approach for bending of functionally graded beams	ZIOU Hassina, HIMEUR, Mohammed GUENFOUD, Mohamed	International Conference on composite structures, ICCS21 Bologne, Italie	2020	non	Structures			

Calibration of Hardening Soil Model Using Response Surface Methodology and Multi-Objective Genetic Algorithm	Brahim Lafifi, Ammar Rouaiguia	United Nations World Tourism Organization (UNWTO) conference September 20	2020	non	Géotechnique			
L'ABONDANT PROGRESSIF DES HERITIERS DES HABITATIONS DES QUARTIERS D'ORIGINE COLONIALE. CAS DE LA CITE TLIDJENE (EX CITE LEVY) SETIF	HAOUCHE AMINA	INTERMEDIATE CONFERENCE - FIRENZE th Intermediate total on line Edition Firenze 25/26 November 2020	2020	NON.	Arts et humanitie		172	2020 ISBN 9788833381237
Mesh effects for a rectangular plate resting on the surface of an elastic foundation with distributive properties on the values of its natural frequencies	H. Gherdaoui, S. Guenfoud, S.V. Bosakov, A. Rezaiguia, D.F. Laefer.	Conference and forum on engineering science (9ème Journées des Sciences de l'Ingénieur JSI'2020)	/	September 25-27, 2020	Sfax, TUNISIA			
Morphological, thermal properties of petiole date palm fibers and its dynamic mechanical properties as a reinforcement of polymer composites.,	Merzoug A. Bouhamida B., Sereir Z., Bezazi A., Candan Z. Kilic A.	7 th International Fiber and Polymer Reasearch Symposium (7. ULPAS)		25-26 th September 2020,	Bursa Technical University, Turkey.			

<p>.Monitoring and Landscape Quantification of Uncontrolled Urbanisation in Oasis Regions: Application of Remote Sensing and Landscape Metrics. The Case of Adrar City (Algeria)</p>	<p>Dechaicha Assoule, Adel Daikh Alkama Djamel</p>	<p>The 4th International Congress on Contemporary Architecture and Urban Affairs (ICCAUA 2021)</p>	<p>2021</p>	<p>Oui</p>	<p>Architecture et Urbanisme</p>		<p>33</p>	<p>https://www.iccaua.com/page/home</p>
<p>La photogrammétrie architecturale comme outil d'aide à l'intervention sur l'existant</p>	<p>Dechaicha Assoule, Adel Daikh Alkama Djamel</p>	<p>Projet architectural : Réalités, Défis et perspectives. Univ 8 Mai 1945 (13 April 2021)</p>	<p>2021</p>	<p>Non</p>	<p>Architecture et Urbanisme</p>		<p>64 - 67</p>	<p>https://oasesvox.com/journals/index.php/ijitas/article/view/39</p>
<p>Apport de la Télédétection spatiale et des SIG pour la cartographie de l'étalement urbain dans les milieux fragiles au Sud algérien. Cas de l'oasis d'Adrar.</p>	<p>Dechaicha Assoule</p>	<p>Séminaire International sur les Sciences de la Terre et de l'Univers 'AJEAU le 1 Mai 2021'</p>	<p>2021</p>	<p>Non</p>	<p>Architecture et Urbanisme</p>			<p>En cours de publication dans un numéro spécial de L'AJEAU</p>
<p>Quantification spatio-temporelle et métrique spatiale de l'urbanisation au Sud algérien. Cas de Ouargla</p>	<p>Dechaicha Assoule Alkama Djamel</p>	<p>Cadre bâti dans les milieux oasiens, défis et perspectives de développement durable 'BEO 19'</p>	<p>2020</p>	<p>Non</p>	<p>Architecture et Urbanisme</p>			

Touchless palmprint identification based on patch cross pattern representation	Hakim Doghmane, Kamel Messaoudi Mohamed Cherif Amara Korba	The 6thInternational Conference on Wireless Technologies, Embedded and Intelligent Systems (WITS- 2020)	October 14- 16, 2020, Fez, Morocco	NON	Informatique et Intelligence Artificielle			
Network-on-Chip Application Mapping Using Genetic Algorithm for a Complex hardware implementation of Video encoders	Kamel Messaoudi Hakim Doghmane, Hocine Bourouba	First IEEE International Conference on communications, control systems and signal processing.	16-17 March, 2020, El- Oued Algeria.	NON	Informatique et Intelligence Artificielle			https://ieeexplore.ieee.org/document/9151747
Surface Flaw Classification Based on Dual Cross Pattern.	Zoheir Mentouri Hakim Doghmane, Abdelkrim Moussaoui al.	First IEEE International Conference on communications, control systems and signal processing.	16-17 March, 2020, El- Oued Algeria	NON	Informatique et Intelligence Artificielle			https://ieeexplore.ieee.org/abstract/document/9151504
Region of Interest Synthesis using Image-to-Image Translation for ear recognition	YacineKhaldi Amir Benzaoui	4th IEEE International Conference on Advanced Aspects of Software Engineering	November 28-30, 2020, Constantine (Algeria).	NON	Informatique et Intelligence Artificielle	/	/	https://www.univ-constantine2.dz/icaase2020/