

Liste des productions scientifiques (publications, communications, ...)
Année 2023

Etablissement Universitaire: Université 8 Mai 1945 de Guelma

Faculté: Sciences et technologie

Laboratoire: Mécanique et Structures (LMS)

<i>Productions Scientifiques 2023</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>Publications nationales</i>	<i>Diagnosis of Mechanical System Failures Based on the Application of Cyclostationarity</i>	Mohamed Khemissi Babouri Tarek Kebabsa Nouredine Ouelaa	<i>Journal of Vibration Engineering & Technologies</i>	2023	A		01-janv	https://link.springer.com/article/10.1007/s42417-023-01184-0
	<i>Experimental Investigation of Tool Lifespan Evolution During Turning Operation Based on the New Spectral Indicator Olmod</i>	Mohamed Khemissi Babouri Nouredine Ouelaa Mohamed Cherif Djamaa Zakarya Ouelaa Abderrazek Djebala Lilia Chaabi	<i>Journal of Vibration Engineering & Technologies</i>	2023	A		janv-19	https://link.springer.com/article/10.1007/s42417-023-01175-1

Publications nationales	Numerical Modeling and Simulation of a Poroelastic Journal Bearing Lubricated By Nanofluids with Couple-Stresses	Mustapha Lahmar Ammar Athmania BOUSAID Benyebka	The Eurasia Proceedings of Science Technology Engineering and Mathematics	2023		26	604-623	http://www.epstem.net/en/pub/issue/81411/1412437
	Steady state analysis of a porous bearing lubricated by nanofluids	Ammar Athmania Mustapha Lahmar Bachir Bouchehit Benyebka BouSaïd John Tichy	Tribology International	2023	A	189	108902	https://www.sciencedirect.com/science/article/abs/pii/S0301679X23006904
	Elasto-hydrodynamic lubrication analysis of a porous misaligned crankshaft bearing operating with nanolubricants	Reda Hamel Mustapha Lahmar Benyebka Bou-Saïd	Mechanics & Industry	2023	A	24	2	https://www.mechanics-industry.org/articles/meca/abs/2023/01/mi220075/mi220075.html
	Straight turning optimization of low alloy steel using MCDM methods coupled with Taguchi approach	HADJELA Salah OUELAA Nouredine BELHADI Salim Al.	The International Journal of Advanced Manufacturing Technology	2023	A	124, no 5-6	1607-1621	https://link.springer.com/article/10.1007/s00170-022-10584-7
	Comparative Study to Optimize Surface Roughness of the Titanium Alloy Ti-6Al-4V by Applying Taguchi, RSM and TLBO Methods.	YALLESE Mohamed Athmane BELBELLAA Younes KRIBES Nabil, Al.	Periodica Polytechnica Mechanical Engineering	2023	B-Scopus	vol. 67, no 1	01-nov	https://pp.bme.hu/me/article/view/17911

Publications nationales	Effects of tool materials and cutting conditions in turning of Ti-6Al-4V alloy: statistical analysis, modeling and optimization using CoCoSo, MABAC, ARAS and CODAS methods.	ABBED, Khaoula KRIBES, Nabil YALLESE, Mohamed Athmane Al.	The International Journal of Advanced Manufacturing Technology	2023	A	vol. 128, no 3-4	1535-1557	https://link.springer.com/article/10.1007/s00170-023-11775-6
	Experimental investigation on the performance of ceramics and CBN cutting materials during dry machining of cast iron: Modeling and optimization study using RSM, ANN, and GA.	Boutheyna Gasmi Mohamed Athmane Yallese Sebti Boucherit Salim Chihaoui Tarek Mabrouki	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2023	A		95440622 31187210	https://journals.sagepub.com/doi/abs/10.1177/09544062231187210
	Optimization and Machinability Assessment at the Optimal Solutions Across Taguchi OA, GRA, and BBD: An Overall View.	YALLESE Mohamed Athmane TEBASSI Hamid BELHADI Salim	Arabian Journal for Science and Engineering	2023	A		47119	https://link.springer.com/article/10.1007/s13369-023-07825-6
	Multi-objective optimization of inconel 718 turning parameters using PCA-MARCOS and MARCOS-Taguchi.	Mohamed Athmane Yallese Sebti Boucherit Ilyas Kouahla Salim Belhadi	Engineering Research Express	2023	B	5 no 3	35043	https://iopscience.iop.org/article/10.1088/2631-8695/acecdd/meta

Publications nationales	<p>Minimizing Tool Wear, Cutting Temperature and Surface Roughness in the Intermittent Turning of AISI D3 Steel Using the DF and GRA Method.</p>	<p>Khelfaoui, F., Yallese, M. A., Boucherit, S., Boumaaza, H., Ouelaa, N.</p>	<p>Tribology in Industry</p>	<p>2023</p>	<p>B</p>	<p>44 (1)</p>	<p>89</p>	<p>https://www.proquest.com/openview/d7aed4f958069e633ab7f8c31deed4dd/1?pq-origsite=gscholar&cbl=5154741</p>
	<p>Multi-Objective Optimization of the Inconel 718 Turning Parameters Using MARCOS-Based Taguchi S/N ratio.</p>	<p>Boucherit, S., Yallese, M. A., Belhadi, S., Kouahla, I., Haddad, A.</p>	<p>The Eurasia Proceedings of Science Technology Engineering and Mathematics</p>	<p>2023</p>		<p>26</p>	<p>366-374,</p>	<p>http://www.epstem.net/en/pub/issue/81411/1410271</p>
	<p>Machinability investigation of gray cast iron in turning with ceramics and CBN tools: Modeling and optimization using desirability function approach.</p>	<p>Gasmi, B., Yallese, M. A., Boucherit, S., Chihaoui, S., Mabrouki, T.</p>	<p>Structural Engineering and Mechanics, An Int'l Journal,</p>	<p>2023</p>	<p>A</p>	<p>86 (1)</p>	<p>119-137,</p>	<p>https://www.dbpia.co.kr/Journal/articleDetail?nodeId=NODE11579489</p>
	<p>Optimization and mathematical modelling of surface roughness criteria and material removal rate when milling C45 steel using RSM and desirability approach/Fnides Mohamed...[et al.].</p>	<p>Mohamed, F. M., Brahim, F. B., Toufik, B. T., Mohamed Athmane Y.</p>	<p>Journal of Mechanical Engineering (JMecE)</p>	<p>2023</p>	<p>B</p>	<p>20 (03)</p>	<p>173-197</p>	<p>https://ir.uitm.edu.my/id/eprint/84117/</p>

Publications nationales	<p>Predictive modeling and Optimization of Cutting Parameters in High Speed Hardened Turning of AISI D2 Steel using RSM, ANN and Desirability function.</p>	<p>Mabrouk, H., Mansouri, S., Touggui, Y., Amdah, H., Yallese, M. A., Benia, H. M.</p>	<p>Surface Review and Letters</p>	<p>2023</p>	<p>A</p>	<p>2450036</p>	<p>https://www.worldscientific.com/doi/abs/10.1142/S0218625X24500367</p>	
	<p>Statistical analysis, modeling and multi-objective optimization of parameters intermittent turning process of AISI D3</p>	<p>Fethi Khelfaoui MA Yallese N Ouelaa S Chihaoui S Belhadi</p>	<p>Journal of Mechanical Engineering and Sciences</p>	<p>2023</p>	<p>B</p>	<p>17 (2)</p>	<p>9492-9506</p>	<p>https://journal.um-p.edu.my/jmes/article/view/8924</p>
	<p>Additive Manufacturing and Investment Casting Comparison of Superalloys: Aerospace industry</p>	<p>B Aouadi S Ghannem B Ben Fathallah MA Yallese</p>	<p>Springer Nature Switzerland</p>	<p>2023</p>			<p>125-131</p>	<p>https://link.springer.com/chapter/10.1007/978-3-031-47784-3_16</p>
	<p>Optimization of surface roughness, tool wear and material removal rate in turning of Inconel 718 with ceramic composite tools using MCDM methods based on Taguchi methodology</p>	<p>H BOUMAZA S BELHADI M A YALLESE K SAFI A HADDAD</p>	<p>Sådhanå</p>	<p>2023</p>	<p>A</p>	<p>Vol 48 N°1</p>	<p>01 - 14</p>	<p>https://link.springer.com/article/10.1007/s12046-022-02060-5</p>

<i>Publications nationales</i>	MODELING OF CUTTING FORCE AND POWER CONSUMPTION USING ANN AND RSM METHODS IN TURNING OF AISI D3: COMPARATIVE STUDY AND PRECISION BENEFIT	KHAOULA SAFI M A YALLESE SALIM BELHADI TAREK MABROUKI SALIM CHIHAOUI	<i>Journal of Theoretical and Applied Mechanics</i>	2023	A	53	49-65,	
	Modeling and optimization in turning of PA66-GF30% and PA66 using multi-criteria decision-making (PSI, MABAC, and MAIRCA) methods: a comparative study.	Haoues, S., Yallese, M. A., Belhadi, S., Chihaoui, S., Uysal, A.	<i>The International Journal of Advanced Manufacturing Technology,</i>	2023	A	124 (7-8)	2401-2421.	https://doi.org/10.1007/s00170-022-10583-8
	Self-Organizing Maps and VMD for Accurate Diagnosis of Bearing Defects	Ismail Nouioua Ramdane Younes Ammar Mrabti Ikhlas Meddour Saiefeddine Alia	<i>Journal of Vibration Engineering & Technologies</i>	2023	A		1-15	https://link.springer.com/article/10.1007/s42417-023-01195-x

<i>Productions Scientifiques2023</i>								
<i>Communications</i>								
	<i>Titre</i>	<i>Auteurs</i>	<i>Intitulé de manifestation</i>	<i>Année</i>	<i>Proceeding de la conférence indexé dans Scopus (oui /non)</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
<i>Communications nationales</i>	<i>Impact of Additive Lubricant Oils on the Presence of Solid Pollution Contamination in the Hydrodynamic Journal Bearings : Nonlinear Dynamic Analysis.</i>	<i>Lahmar Mustapha Boucherit Hamid</i>	<i>8th International Conference on Mechanics and energy ICME'2023, December 20-22, 2023, Sousse, Tunisia</i>	<i>2023</i>				<i>http://icme.aicme.net</i>