

Liste des productions scientifiques(publication, communication,.....)

Année 2021

Etablissement Universitaire: Université 8 Mai 1945 Guelma

Faculté: Sciences et de la Technologie

Laboratoire: Mécanique et Structures LMS

Productions Scientifiques2021								
Publications								
	Titre	Auteurs	Revue	Année	Catégorie de la revue:A+ , A , B-Scopus, B-non Scopus, non classée	Volume	Page	URL
<i>Publications internationales</i>	<i>A comparative study on performance of cermet and coated carbide inserts in straight turning AISI 316L austenitic stainless steel</i>	<i>Y Touggui, S Belhadi, A Uysal, M Temmar, MA Yallese</i>	<i>The International Journal of Advanced Manufacturing Technology</i>	<i>2021</i>	<i>A</i>	<i>112</i>	<i>241-260</i>	<a href="https://link.springer.com/article/10.1007/s00170-020-06385-5">https://link.springer.com/article/10.1007/s00170-020-06385-5</a>

<i>Publications internationales</i>	<i>Modeling and optimization of cutting parameters during machining of austenitic stainless steel AISI304 using RSM and desirability approach</i>	<i>S Boucherit, S Berkani, MA Yallese, R Khettabi, T Mabrouki</i>	<i>Periodica Polytechnica Mechanical Engineering</i>	<i>2021</i>	<i>B-Scopus</i>	<i>65</i>	<i>10--26</i>	<a href="https://pp.bme.hu/m/article/view/12241">https://pp.bme.hu/m/article/view/12241</a>
	<i>Selection of bearing health indicator by GRA for ANFIS-based forecasting of remaining useful life</i>	<i>I Meddour, SE Messekher, R Younes, MA Yallese</i>	<i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i>	<i>2021</i>	<i>A</i>	<i>43</i>	<i>1--14</i>	<a href="https://link.springer.com/article/10.1007/s40430-021-02878-w">https://link.springer.com/article/10.1007/s40430-021-02878-w</a>
	<i>Coated CBN cutting tool performance in green turning of gray cast iron EN-GJL-250: modeling and optimization</i>	<i>S Chihaoui, MA Yallese, S Belhadi, A Belbah, Safi, A Haddad</i>	<i>The International Journal of Advanced Manufacturing Technology</i>	<i>2021</i>	<i>A</i>	<i>113</i>	<i>3643-3665</i>	<a href="https://link.springer.com/article/10.1007/s00170-021-06820-1">https://link.springer.com/article/10.1007/s00170-021-06820-1</a>

<i>Publications internationales</i>	<i>EXPERIMENTAL INVESTIGATION AND OPTIMIZATION OF OUTPUT RESPONSES DURING DRY TURNING OF PA66-GF30 POLYAMIDE USING TAGUCHI DESIGN</i>	<i>H Cherafa, MA Yallese, S Boucherit, S Belhadi, A Haddad, T Mabrouki</i>	<i>Journal of Manufacturing Technology Research</i>	<i>2021</i>	<i>B-Scopus</i>	<i>13</i>	<i>119-143</i>	<a href="https://www.proquest.com/openview/bddfa371b594ec588c8dd3fccc757ed7/1?pq-origsite=gscholar&amp;cbl=2034835">https://www.proquest.com/openview/bddfa371b594ec588c8dd3fccc757ed7/1?pq-origsite=gscholar&amp;cbl=2034835</a>
	<i>Multi-response optimization using artificial neural network-based GWO algorithm for high machining performance with minimum quantity lubrication</i>	<i>M Nouioua, A Laouissi, MA Yallese, R Khettabi, S Belhadi</i>	<i>The International Journal of Advanced Manufacturing Technology</i>	<i>2021</i>	<i>A</i>	<i>116</i>	<i>3765-3778</i>	<a href="https://link.springer.com/article/10.1007/s00170-021-07745-5">https://link.springer.com/article/10.1007/s00170-021-07745-5</a>

<i>Publications internationales</i>	<i>Machinability study and ANN-MOALO-based multi-response optimization during Eco-Friendly machining of EN-GJL-250 cast iron</i>	<i>Aissa Laouissi, Mourad Nouioua, Mohamed Athmane Yallese, Hammoudi Abderazek, Hichem Maouche, Mohamed Lamine Bouhalais</i>	<i>The International Journal of Advanced Manufacturing Technology</i>	2021	A	117	1179-1192	<a href="https://link.springer.com/article/10.1007/s00170-021-07759-z">https://link.springer.com/article/10.1007/s00170-021-07759-z</a>
	<i>Modelling of cutting forces and surface roughness evolutions during straight turning of Stellite 6 material based on response surface methodology, artificial neural networks and support vector machine approaches</i>	<i>BB Fathallah, R Saidi, S Belhadi, MA Yallese, T Mabrouki</i>	<i>Journal of Mechanical Engineering and Sciences</i>	2021	B-Scopus	15	8540-8554	<a href="https://journal.ump.edu.my/jmes/article/view/3517">https://journal.ump.edu.my/jmes/article/view/3517</a>

<i>Publications internationales</i>	<i>OPTIMISATION MULTI-OBJECTIVE DES PARAMETRES DE COUPE LORS DE L'USINAGE D'UN ACIER POUR TRAVAIL A FROID AVEC UN CARBURE REVETU CVD (AL2O3/TiC/TiCN)</i>	<i>Khaoula SAFI, Mohammed A YALLESE, Salim BELHADI, Smail BOUTABBA, Tarek MABROUKI</i>	<i>UPB Scientific Bulletin, Series D: Mechanical Engineering</i>	<i>2021</i>	<i>B-Scopus</i>	<i>83</i>	<i>149-168</i>	<a href="https://www.scientificbulletin.upb.ro/revdocs_arhiva/rez881474042.pdf">https://www.scientificbulletin.upb.ro/revdocs_arhiva/rez881474042.pdf</a>
	<i>Minimization of surface roughness and maximization of material removed rate during machining of titanium alloy ti-6al-4v</i>	<i>Belbellaa, Y., Kribes, N., Yallese, M.A.</i>	<i>UPB Scientific Bulletin, Series D: Mechanical Engineering</i>	<i>2021</i>	<i>B-Scopus</i>		<i>225-234</i>	<a href="https://www.scientificbulletin.upb.ro/revdocs_arhiva/rez73e144056.pdf">https://www.scientificbulletin.upb.ro/revdocs_arhiva/rez73e144056.pdf</a>

<i>Publications internationales</i>	<i>Modeling and optimization of cutting conditions in hard turning by the Taguchi technique using response surface methodology (RSM)   Modelisation et Optimisation des Conditions de Coupe En Tournage Dur Par La Technique de Taguchi en Utilisant la Msr</i>	<i>Elbah, M., Fnides, B., Laouici, H., Yallese, M.A.</i>	<i>UPB Scientific Bulletin, Series D: Mechanical Engineering</i>	<i>2021</i>	<i>B-Scopus</i>		<i>195–210</i>	<a href="https://www.proquest.com/openview/bddfa371b594ec588c8dd3fcc757ed7/1?pq-origsite=gscholar&amp;cbl=2034835">https://www.proquest.com/openview/bddfa371b594ec588c8dd3fcc757ed7/1?pq-origsite=gscholar&amp;cbl=2034835</a>
	<i>Diagnosis of mechanical defects using a hybrid method based on complete ensemble empirical mode decomposition with adaptive noise (CEEMDAN) and optimized wavelet multi-resolution analysis (OWMRA): experimental study</i>	<i>M.K. Babouri, N. Ouelaa, T. Kebabsa, A. Djebala,</i>	<i>The International Journal of Advanced Manufacturing Technology</i>	<i>2021</i>	<i>A</i>	<i>112</i>	<i>2657–2681</i>	<a href="https://doi.org/10.1007/s00170-020-06496-">https://doi.org/10.1007/s00170-020-06496-</a>

<i>Publications internationales</i>	<i>Static and fatigue compression behaviour of conventional and auxetic open-cell foam</i>	<i>Karima Bouchahdane, Nouredine Ouelaa, Ahmed Belaadi</i>	<i>Mechanics of Advanced Materials and Structures</i>	2021	A		1-14	<a href="https://www.tandfonline.com/doi/abs/10.1080/15376494.2021.1972496">https://www.tandfonline.com/doi/abs/10.1080/15376494.2021.1972496</a>
	<i>Predicting the dynamic behaviour of the turning tool vibrations using an experimental measurement, numerical simulation and analytical modelling for comparative study</i>	<i>Sadredine Abainia, Nouredine Ouelaa</i>	<i>The International Journal of Advanced Manufacturing Technology</i>	2021	B	7	2533-2552	<a href="https://link.springer.com/article/10.1007/s00170-021-07275-0">https://link.springer.com/article/10.1007/s00170-021-07275-0</a>

**Productions Scientifiques2021**

**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>
<b>Communications internationales</b>	<b>MULTI-OBJECTIVE OPTIMIZATION OF PERFORMANCE PARAMETERS IN MACHINING AISI D3 INTENDED TOOL STEEL FOR COLD WORKING</b>	<i>Safi Khaoula, Yallese Mohamed Athmane, Belhadi Salim, Mabrouki Tarek, Haddad Abdelkrim, Chihaoui Salim</i>	<b>INTERNATIONAL HAZAR SCIENTIFIC RESEARCHES CONFERENCE</b>	2021				<a href="https://www.izdas.org/hazar-english">https://www.izdas.org/hazar-english</a>
	<b>MODELING AND OPTIMIZATION OF SURFACE ROUGHNESS AND CUTTING FORCE WHEN MACHINING INCONEL 718 USING THE RSM AND DF METHODS</b>	<i>Kouahla Ilyas, Yallese Mohamed Athmane, Belhadi Salim</i>	<b>INTERNATIONAL HAZAR SCIENTIFIC RESEARCHES CONFERENCE</b>	2021				<a href="https://www.izdas.org/hazar-english">https://www.izdas.org/hazar-english</a>



<i>Communications internationales</i>	<i>MACHINING PARAMETERS OPTIMIZATION OF ALLOY STEEL AISI 4140 USING TOPSIS COMBINED WITH AHP</i>	<i>Hadjela Salah, Belhadi Salim, Ouelaa Nouredine, Yallese Mohamed Athmane</i>	<i>INTERNATIONAL HAZAR SCIENTIFIC RESEARCHES CONFERENCE</i>	<i>2021</i>				<a href="https://www.izdas.org/hazar-english">https://www.izdas.org/hazar-english</a>
	<i>OPTIMIZATION OF CUTTING CONDITIONS DURING FINISHING TURNING OF TITANIUM ALLOY Ti-6Al-4V USING GRA METHOD</i>	<i>Younes Belbellaa, Nabil Kribes, Mohamed Athmane Yallese</i>	<i>INTERNATIONAL HAZAR SCIENTIFIC RESEARCHES CONFERENCE</i>	<i>2021</i>				<a href="https://www.izdas.org/hazar-english">https://www.izdas.org/hazar-english</a>
	<i>OPTIMIZATION OF CUTTING PARAMETERS DURING THE MACHINING OF POLYAMIDE (PA66-GF30%) USING THE DESIRABILITY FUNCTION APPROACH (DFA)</i>	<i>Haoues sabrina, Mohamed Athmane Yallese, Belhadi salim</i>	<i>INTERNATIONAL HAZAR SCIENTIFIC RESEARCHES CONFERENCE</i>	<i>2021</i>				<a href="https://www.izdas.org/hazar-english">https://www.izdas.org/hazar-english</a>

Communications internationales	OPTIMIZATION OF CUTTING PARAMETERS IN THE MACHINING PROCESS OF INCONEL 718 USING THE SIGNAL-TO-NOISE RATIO BASED TAGUCHI GREY RELATIONAL ANALYSIS	Hanane Boumaza, Salim Belhadi, Mohamed Athmane Yallese, Abdelkrim Haddad	INTERNATIONAL HAZAR SCIENTIFIC RESEARCHES CONFERENCE	2021				<a href="https://www.izdas.org/hazar-english">https://www.izdas.org/hazar-english</a>
	Multi-Objective Optimization of Machining Parameters during dry turning of AISI D3 Steel using Taguchi based grey relational analysis	Safi Khaoula, Yallese Mohamed Athmane, Belhadi Salim, Mabrouki Tarek, Chihaoui Salim, Hadjela Salah	AL FARABI INTERNATIONAL CONGRESS ON APPLIED SCIENCES 'Nakhchivan' University, Azerbaijan	2021				
	CBN COATED CUTTING TOOL PERFORMANCE WHEN DRY TURNING OF GREY CAST IRON	Salim Chihaoui , Mohamed Athmane Yallese , Salim Belhadi, Khaoula Safi	AL FARABI INTERNATIONAL CONGRESS ON APPLIED SCIENCES 'Nakhchivan'	2021				
	MULTI-OBJECTIVE OPTIMIZATION OF PERFORMANCE PARAMETERS IN MACHINING AISI 4140	Hadjela Salah, Belhadi Salim, Ouelaa Nouredine, Yallese Mohamed Athmane, Safi Khaoula	AL FARABI INTERNATIONAL CONGRESS ON APPLIED SCIENCES 'Nakhchivan'	2021				

<i>Communications internationales</i>	<i>CORRELATION MODELLING BETWEEN CUTTING PARAMETERS AND TANGENTIAL FORCE WHEN TURNING THE REFRACTOR ALLOY USING THE RESPONSE SURFACE METHODOLOGY</i>	<i>Kouahla Ilyas, Yallese Mohamed Athmane, Belhadi Salim, Boumaza Hanane, Safi Khaoula</i>	<i>AL FARABI INTERNATIONAL CONGRESS ON APPLIED SCIENCES 'Nakhchivan' University, Azerbaijan</i>	<i>2021</i>				
	<i>Modeling based on RSM of cutting parameters when dry turning of glass fiber reinforced polyamide (PA66-GF30%) with metal carbide tools</i>	<i>Haoues sabrina, Yallese Mohamed Athmane, Belhadi Salim, Alper Uysal, Safi Khaoula</i>	<i>AL FARABI INTERNATIONAL CONGRESS ON APPLIED SCIENCES 'Nakhchivan' University, Azerbaijan</i>	<i>2021</i>				
	<i>DRY TURNING OPTIMIZATION OF INCONEL 718 USING CERAMIC COMPOSITE CUTTING TOOL BASED ON TAGUCHI AND TOPSIS APPROACHES</i>	<i>Hanane Boumaza, Salim Belhadi, Mohamed Athmane Yallese, Abdelkrim Haddad, Kouahla Ilyas</i>	<i>AL FARABI INTERNATIONAL CONGRESS ON APPLIED SCIENCES 'Nakhchivan' University, Azerbaijan</i>	<i>2021</i>				

<i>Communications internationales</i>	<i>OPTIMIZATION OF AISI D3 STEEL USING CARBIDE CUTTING TOOL (CVD) BASED ON TAGUCHI AND TOPSIS APPROACHES</i>	<i>Safi Khaoula, Yallese Mohamed Athmane, Belhadi Salim, Mabrouki Tarek, Kouahla Ilyas</i>	<i>TOKYO SUMMIT 4nd International Conference on Innovative Studies of Contemporary Sciences</i>	<i>2021</i>				<a href="https://www.tokyosummit.org/">https://www.tokyosummit.org/</a>
	<i>Modeling based on RSM of cutting parameters when dry turning of grey cast iron with coated CBN tools</i>	<i>Salim Chihaoui , Mohamed Athmane Yallese , Salim Belhadi, Khaoula Safi</i>	<i>SÉMINAIRE INTERNATIONAL SUR L'INDUSTRIE ET LA TECHNOLOGIE</i>	<i>2021</i>				
	<i>RSM AND GA BASED MODELING AND OPTIMIZATION OF THE CUTTING FORCE AND SURFACE ROUGHNESS IN DRY TURNING OF GREY CAST IRON WITH COATED CBN TOOL</i>	<i>Salim Chihaoui , Mohamed Athmane Yallese , Salim Belhadi, Khaoula Safi</i>	<i>ISTANBUL INTERNATIONAL MODERN SCIENTIFIC RESEARCH CONGRESS</i>	<i>2021</i>				<a href="https://www.istanbulkongresi.org/">https://www.istanbulkongresi.org/</a>

<i>Communications internationales</i>	<i>MODELING AND MULTI-OBJECTIVE OPTIMIZATION OF CUTTING PARAMETERS DURING INTERMITTENT MACHINING OF AISI D3 STEEL USING ANOVA AND THE DESIRABILITY FUNCTION</i>	<i>Fethi Khelfaoui, Mohamed Athmane Yallese, Nouredine Ouelaa, Salim Chihaoui, Sabrina Haoues</i>	<i>ISTANBUL INTERNATIONAL MODERN SCIENTIFIC RESEARCH CONGRESS</i>	<i>2021</i>				<a href="https://www.istanbulkongresi.org/">https://www.istanbulkongresi.org/</a>
	<i>MULTI-OBJECTIVE OPTIMIZATION OF MACHINING PARAMETERS DURING DRY TURNING OF INCONEL718 USING TAGUCHI BASED MOORA ANALYSIS</i>	<i>Hanane Boumaza, Chihaooui Salim, Salim Belhadi, Mohamed Athmane Yallese, Abdelkrim Haddad</i>	<i>MIDDLE EAST INTERNATIONAL CONFERENCE ON CONTEMPORARY SCIENTIFIC STUDIES-VI</i>	<i>2021</i>				<a href="https://www.middleeastconference.org/">https://www.middleeastconference.org/</a>
	<i>MULTI-OBJECTIVE OPTIMIZATION IN TURNING OPERATION OF AISI D3 STEEL USING TAGUCHI-DEAR APPROACH</i>	<i>Safi Khaoula, Mohamed Athmane Yallese, Salim Belhadi, Mabrouki Tarek, Hanane Boumaza</i>	<i>MIDDLE EAST INTERNATIONAL CONFERENCE ON CONTEMPORARY SCIENTIFIC STUDIES-VI</i>	<i>2021</i>				<a href="https://www.middleeastconference.org/">https://www.middleeastconference.org/</a>

<p>VARIANCE ANALYSIS OF THE CORRELATION BETWEEN ARITHMETIC ROUGHNESS AND POWER CONSUMPTION AND THE INPUT PARAMETERS DURING THE MACHINING OF THE REFRACTOR ALLOY WITH MATHEMATICAL MODELING AND DEAR</p>	<p><i>kouahla Ilyas, Yallese Mohamed Athmane, Belhadi Salim, Haoues sabrina, Boumaza Hanane</i></p>	<p>INTERNATIONAL ASIAN CONGRESS ON CONTEMPORARY SCIENCES-V</p>	<p>2021</p>			<p><a href="https://www.asyako-ngresi.org/">https://www.asyako-ngresi.org/</a></p>
<p>MINIMIZATION OF SURFACE ROUGHNESS AND MAXIMIZATION OF MATERIAL REMOVED RATE DURING MACHINING OF THE POLYMER (POM C)</p>	<p><i>Djouambi Nahla ,Mohamed Athmane Yallese, Kaddeche Mounia,Gasmi Bouthayna ,Belhadi Salim</i></p>	<p>“IArcSAS” 1st International Architectural Sciences and Applications Symposium October 27-29, 2021 /Isparta, Turkey</p>	<p>2021</p>			<p><a href="https://www.izdas.org/arch">https://www.izdas.org/arch</a></p>

<i>Communications internationales</i>	<i>MODELING, MONO AND MULTI-OBJECTIVE OPTIMIZATION FOR MINIMIZING CUTTING FORCE AND POWER CONSUMED DURING MACHINING OF POLYMER POM</i>	<i>Djouambi Nahla, Mohamed Athmane Yallese, Kaddeche Mounia, Boumaza Hanane, Belhadi Salim</i>	<i>the International Halich Congress on Multidisciplinary Scientific Research August 15-16, 2021, Istanbul, TURKEY</i>	<i>2021</i>				<a href="https://www.izdas.org/halic">https://www.izdas.org/halic</a>
	<i>MODILISATION AND OPTIMIZATION OF SURFACE ROUGHNESS AND MATERIAL REMOVED RATE DURING MACHINING OF GAST IRON EN GJL300</i>	<i>Gasmi bouthayna, Mohamed Athmane Yallese, Bouchrite Sebti, Chihaoui Salim, Djouambi Nahla</i>	<i>the International Halich Congress on Multidisciplinary Scientific Research August 15-16, 2021, Istanbul, TURKEY</i>	<i>2021</i>				<a href="https://www.izdas.org/halic">https://www.izdas.org/halic</a>
	<i>MULTI-OBJECTIVE OPTIMIZATION IN TURNING OPERATION OF PA66-GF30% USING DEAR METHOD</i>	<i>Haoues SABRINA, Mohamed Athmane YALLESE, Belhadi SALIM, Boucherit SEPTI, Alper UYSAL</i>	<i>the International Halich Congress on Multidisciplinary Scientific Research August 15-16, 2021, Istanbul, TURKEY</i>	<i>2021</i>				<a href="https://www.izdas.org/halic">https://www.izdas.org/halic</a>

<i>Communications internationales</i>	<i>Diagnostic des défauts mécaniques des machines tournantes basées sur un suivi vibratoire dans un environnement industriel</i>	<i>M. K. BABOURI, N. OUELAA, A. DJEBALA</i>	<i>Séminaire international sur l'Industrie et la Technologie, en ligne (webinaire), Algerian Journal of Engineering, Architecture and Urbanism</i>	<i>2021</i>	<i>OUI</i>	<i>5(3)</i>	<i>2588-1760</i>	<a href="https://www.aneau.org/ajeau/Art/ajeau_v5_n3">https://www.aneau.org/ajeau/Art/ajeau_v5_n3</a>
	<i>calculation of damping and stiffnes coefficients for an aerodynamic foil bearing operated in a polluted air</i>	<i>Mustapha LAHMAR</i>	<i>International modern scientific research congress</i>	<i>2021</i>				
	<i>Simple investigation about the behavior of damping and stiffnes coefficient for a gas foil bearings</i>	<i>Mustapha LAHMAR</i>	<i>International Asian Congress on Contemporary sciences-V</i>	<i>2021</i>				