

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

Année 2024

Etablissement Universitaire: Université 8 Mai 1945 de Guelma

Faculté: Sciences et Technologies

Laboratoire: Mécanique et Structures "LMS"

	Productions Scientifiques 2024							
	Publications							
	Titre	Auteurs	Revue	Année	Catégorie de la revue: A+ , A , B- Scopus, B-non Scopus, C, non classée	Volume	Page	URL
Publications nationales	Optimization of machining parameters when turning PA66-GF30% using CoCoSo method.	Haoues, S. Yallese, M. A. Uysal, A	International Journal of Mechanics and Energy (IJME)	2024	B non scopus	vol. 11		https://ijme.aicme.net/images/article/IJME_2024_03_141403.pdf
	Effect of material tools and cutting conditions on surface roughness during the turning of Ti-6Al-4V alloy: statistical analysis and modeling	Kribes, N Abbed, K Yallese, M. A Boutabba, S Belbellaa, Y	International Journal of Mechanics and Energy (IJME)	2024	B non scopus	vol. 11		https://ijme.aicme.net/images/article/IJME_2024_07_131733.pdf
	Experimental evaluation of the wind convection heat transfer on the glass cover of the single-slope solar still	Ahmed Rahmani Fethi Chouaf Lakhdar Bouzid Samir Bedoui	Heat Transfer (Wiley)	2024	B	Vol.53	PP 1-20	https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.22997

Publications internationales	Diagnosis of faults using a new VMD-WMRA approach, optimized by a new criterion: Industrial application	Ammar Mrabti Ramdane Younes Nouredine Ouelaa Med Cherif Djamaa Zakarya Ouelaa	Advances in Mechanical Engineering	2024	A	16(11)		https://journals.sagepub.com/doi/full/10.1177/16878132241298371
	Case study: Condition-based maintenance using cyclostationary analysis and numerical modeling with innovative indicators	Tarek Kebabsa Med Khemissi Babouri Abderrazek Djebala Nouredine Ouelaa	Advances in Mechanical Engineering	2024	A	16(10)		https://journals.sagepub.com/doi/pdf/10.1177/16878132241288399
	Experimental Investigation of Tool Lifespan Evolution During Turning Operation Based on the New Spectral Indicator Olmod	Med Khemissi Babouri Nouredine Ouelaa Med Cherif Djamaa Zakarya Ouelaa Lilia Chaabi Abderrazek Djebala	Journal of Vibration Engineering & Technologies	2024	A	12(4)	5455-5473	https://urlr.me/X2tDze
	Advanced diagnostic techniques for turbo compressors: A spectral analysis approach for preventive maintenance	Tarek Kebabsa Med Khemissi Babouri Abderrazek Djebala Nouredine Ouelaa	Advances in Mechanical Engineering	2024	A	16(5)		https://journals.sagepub.com/doi/pdf/10.1177/16878132241252329

Publications Internationales	Diagnosis of mechanical system failures based on the application of cyclostationarity	Med Khemissi Babouri Tarek Kebabsa Nouredine Ouelaa	Journal of Vibration Engineering & Technologies	2024	B	12 (3)	5133-5146	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=In6-u0IAAAAJ&sortby=p
	Self-Organizing Maps and VMD for Accurate Diagnosis of Bearing Defects	Ismail Nouioua Ammar Mrabti Ramdane Younes Ikhlal Meddour Saiefeddine Alia	Journal of Vibration Engineering & Technologies	2024	B	12 (3)	5241-5255	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=E34JshMAAAAJ&sortby=pubdate&citation_for_view=E34JshMAAAAJ&sortby=pubdate
	Optimization of safety instrumented system performance and maintenance costs in Algerian oil and gas facilities	Bilal Rabah Ramdane Younes Choayb Djeddi Lakhdar Laouar	Process Safety and Environmental Protection	2024	A+	182	371-386	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=E34JshMAAAAJ&sortby=pubdate&citation_for_view=E34JshMAAAAJ&sortby=pubdate
	EFFECT OF FOAM DENSITY AND LOAD LEVELS ON FATIGUE CHARACTERISTICS OF PVC FOAM CORE SANDWICH COMPOSITES	Abdelhakim HADJAB Louendi FATMI Nouredine OUELAA	U.P.B. Sci. Bull., Series D	2024	B	86 (2)	121-134	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=In6-u0IAAAAJ&sortby=pubdate&citation_for_view=In6-u0IAAAAJ&sortby=pubdate
	Assessment of performance parameters in intermittent turning and multi-response optimization of machining conditions using DF, MOORA, VIKOR, and coupled NSGAII-VIKOR methods	Fethi Khelfaoui Med Athmane Yaltese Septi Boucherit Nouredine Ouelaa Salim Belhadi Sahbi Ben Salem	The International Journal of Advanced Manufacturing Technology	2024	A	130	5665-5691	https://link.springer.com/article/10.1007/s00170-024-12979-0

Publications internationales	Self-Organizing Maps and VMD for Accurate Diagnosis of Bearing Defects	Ismail Nouioua Ramdane Younes Ammar Mrabti Ikhlas Meddour Saiefeddine Alia	Journal of Vibration Engineering & Technologies	2024	A	12	5241-5255	https://link.springer.com/article/10.1007/s42417-023-01195-x
	Optimization of safety instrumented system performance and maintenance costs in Algerian oil and gas facilities	Bilal Rabah Ramdane Younes Choayb Djeddi Lakhdar Laouar	Process Safety and Environmental Protection	2024	A	182	371-386	https://www.sciencedirect.com/science/article/abs/pii/S0957582023010844
	Analysis, modelling and optimization during sustainable Dry and MQL turning of AISI 52100 steel using DF, GRA, EAMR, EDAS and FUCA methods	Souaidi, C. Yallese, M. A. Amirat, A. Belhadi, S. Mabrouki, T.	The International Journal of Advanced Manufacturing Technology	2024	A	vol.135	5035-5069	https://scholar.google.com/scholar?as_ylo=2024&q=yallese+&hl=fr&as_sdt=0,5
	Predictive modeling and multi-response optimization of cutting parameters using DF, GRA and MABAC techniques while turning POM-C GF 25% composite polymer	Djouambi, N. Yallese, M. A. Kaddeche, M. Belhadi, S. Hegedűs, G.	The International Journal of Advanced Manufacturing Technology	2024	A	vol.130 no 3	1987-2007	https://urlr.me/q9PWwv

Publications internationales	Assessment of performance parameters in intermittent turning and multi-response optimization of machining conditions using DF, MOORA, VIKOR, and coupled NSGAII-VIKOR methods.	Khelfaoui, F. Yallese, M. A. Boucherit, S. Ouelaa, N. Belhadi, S. Ben Salem, S.	The International Journal of Advanced Manufacturing Technology	2024	A	vol. 130 (11)	5665-5691	https://idp.springer.com/authorize/casa?redirect_uri=https://link.springer.com/article/10.1007/s00170-024-12979-0&casa_token=HNgmqJJc4b4AAAA:iUoRQT4Qn3KE_1tbPiZ00rSSkc0CGXBdMjkBP7ORlh4kaVOH2lE53r
	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.	Gasmi, B. Yallese, M. A. Boucherit, S. Chihaoui, S. Mabrouki, T.	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science.	2024	A	vol. 238 (5)	pages 1397-1422	https://journals.sagepub.com/doi/abs/10.1177/09544062231187210
	Investigation on machining of GFRP through ANOVA, DFA, and CoCoSo method combined with Taguchi approach.	Haoues, S. Yallese, M. A. Kaddeche, M. Uysal, A. Safi, K.	Journal of Reinforced Plastics and Composites	2024	A	vol. 0 (0) 1-23	Pages 0731684 4241239 249	https://journals.sagepub.com/doi/abs/10.1177/07316844241239249
	Evaluation of cutting parameters during dry turning of AISI 304 stainless steel and optimization through a modified WPCA approach.	Mounia, K. Septi, B. Salim, B. Mohamed Athmane, Y.	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2024	A	Vol 238 Issue18		https://journals.sagepub.com/doi/abs/10.1177/09544062241246870

Publications internationales	Multi-response optimisation during face milling of polyoxymethylene copolymer using grey relational analysis and data envelopment analysis based ranking coupled with the Taguchi approach	Tibakh, I. Yallese, M. A. Belhadi, S. Kaddeche, M.	Advances in Materials and Processing Technologies	2024	B	vol. 1-26		https://doi.org/10.1080/2374068X.2024.2314838
	Predictive modeling and Optimization of Cutting Parameters in High Speed Hardened Turning of AISI D2 Steel using RSM, ANN and Desirability function	Mebrek, H. Mansouri, S. Touggui, Y. Ameddah, H. Yallese, M. A. Benia, H. M.	Surface Review and Letters	2024	A	vol. 31, No. 05		https://www.worldscientific.com/doi/abs/10.1142/S0218625X24500367
	Mathematical modeling using ANN based on k-fold cross validation approach and MOAHA multi-objective optimization algorithm during turning of polyoxymethylene POM-C	Hamdi, A. Hakmi, T. Laouissi, A. Abderazek, H. Chihaoui, S. Yallese, M. A.	Jordan Journal of Mechanical and Industrial Engineering (JJMIE)	2024	B	Vol.71, No. 1	Pages 179-190	https://urlr.me/n5xgjm
	Quality and productivity improvement in the milling of polyoxymethylene co-polymer (POM C) using RSM, SVM and genetic algorithm.	Tibakh, I. Yallese, M. A. Belhadi, S.	Surface Review and Letters	2024	B	0 0:0		https://www.worldscientific.com/doi/abs/10.1142/S0218625X25500295

Publications internationales	Machinability investigation during turning of polyoxymethylene POM-C and optimization of cutting parameters using Pareto analysis, linear regression and genetic algorithm	Hakmi, T. Hamdi, A. Touggui, Y. Laouissi, A. Belhadi, S. Yallese, M. A.	Archive of Mechanical Engineering	2024	B	vol.71, No. 1	pages 47-71	https://journals.pan.pl/dlibra/publication/149184/edition/130026/content
	Comparative assessment between DFA, NSGA-II coupled with TOPSIS, GRA, and TOPSIS for multiobjective optimization of gray cast iron turning process using CBN insert	Chihaoui, S. Meddour, I. Yallese, M. A. Belhadi, S. Safi, K.	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2024	A	238 (4)	1765-1778	https://scholar.google.fr/scholar?as_ylo=2024&q=chihaoui+s&hl=fr&as_sdt=0,5
	Self-Organizing Maps and VMD for Accurate Diagnosis of Bearing Defects	Younes, R. Nouioua, I. Mrabti, A. Meddour, I. Alia, S.	Journal of Vibration Engineering & Technologies	2024	A	12 (3)	5241-5255	https://link.springer.com/article/10.1007/s42417-023-01195-x

	Productions Scientifiques 2024							
	Communications							
	Titre	Auteurs	Intitulé de manifestation	Année	Proceeding de la conférence indexé dans Scopus (oui /non)	Volume	Page	URL
Communications internationales	Study of the polluted oil effect on the dynamic behavior of compliant journal bearings	Hamid Boucherit Mustapha Lahmar Mouassa Ahcene	1st International Conference of Materials Engineering and Renewable Energy ICMERE 2024, Guelma Algeria	2024		vol. 11		https://ijme.aicm.e.net/images/article/IJME_2024_03_141403.pdf
	STUDY OF THE IMPACT OF LUBRICANT OIL ADDITIVES ON THE REDUCTION THE EFFECTS OF SOLID POLLUTION ON THE STABILITY OF THE ROTOR-BEARING SYSTEM	Hamid Boucherit Mustapha Lahmar Mouassa Ahcene	12th INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING (ICAAM24) 2024, Istanbul-Turkey	2024		vol. 11		https://ijme.aicm.e.net/images/article/IJME_2024_07_131733.pdf
	Machine Learning-Based Fault Detection in Rotating Machinery Using Vibration Data	Ammar Mrabti Remdane Younes Nouredine Ouelaa	1st International Conference of Materials Engineering and Renewable Energy	2024		Vol.53	PP 1-20	https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.22997
	Analyse expérimentale de l'influence du type de matériau sur les caractéristiques mécaniques des structures soudées par point	Guezzen Samir Djamaa Med Cherif	5th International Seminar on Advanced Technologies SITMA2024 Tlemcen, ALGERIA, April, 29,30th, 2024	2024				https://sitma2024.univ-tlemcen.dz/sitma2024/

Communications internationales	Identification of structural damage on a circular plate excited at ultrasonic frequencies using scanning laser vibrometer measurements	Djamaa Med Cherif	International Conference of Materials, Engineering and Renewable Energy ICMERE 2024 November 8-10, 2024 Guelma, Algeria	2024				https://fstech.univ-guelma.dz/en/node/282
	Study of the behaviour of a hydrodynamic contact using the homogenization method	Mouassa Ahcene	ICAAMM	2024				
	An efficient numerical solution for nonlinear PEHD lubrication problem in dynamically loaded journal bearings lubricated with nanofluids	Lahmar Mustapha	ICAAMM	2024				