

BÀI BÁO CÔNG BỐ VÀ THAM GIA HỘI NGHỊ QUỐC TẾ

STT	Tên công trình khoa học	Tên tạp chí/Hội nghị	Tác giả/nhóm tác giả	Năm xuất bản
1	Online monitoring and multi-objective optimisation of technological parameters in high-speed milling process	The International Journal of Advanced Manufacturing Technology volume 112, No. 29, pages2461–2483(2021)	PGS.TS. Hoàng Tiến Dũng PGS.TS. Trần Đức Quý TS. Nguyễn Văn Thiện TS. Nguyễn Như Tùng TS. Đỗ Đức Trung ThS. Nguyễn Duy Trinh	2021
2	A study on the vibrations in the external cylindrical grinding process of the alloy steels	International Journal of Modern Physics B, Vol. 34, No. 22n24, 2040150, ISSN (print): 0217-9849 ISSN (online): 1793-6640, SCIE	TS. Nguyễn Tuấn Linh TS. Nguyễn Như Tùng PGS.TS. Hoàng Long	2020
3	Multi-objective optimization using the genetic algorithms for external cylindrical grinding process of 9CrSi alloy	International Journal of Modern Physics B, Vol. 34, No. 22n24, 2040143, ISSN (print): 0217-9849 ISSN (online): 1793-6640, SCIE	TS. Nguyễn Tuấn Linh TS. Nguyễn Như Tùng PGS.TS. Hoàng Long	2020
4	Modeling the surface roughness in face-end milling process by using general insert at stable cutting condition	International Journal of Modern Physics B, Vol. 34, No. 22n24, 2040143, ISSN (print): 0217-9849 ISSN (online): 1793-6640	PGS.TS. Lê Hồng Kỳ TS. Nguyễn Như Tùng TS. Đỗ Đức Trung PGS.TS. Hoàng Tiến Dũng TS. Lê Hoàng Anh	2020

5	Multi-Objective Optimization when Surface Grinding the 3X13 Steel by Combining the General Reduced Gradient Algorithm and Harmonic Mean Method	Advances in Science, Technology and Engineering Systems Journal (ASTESJ), 5(5), 395-400 (2020), ISSN: 2415-6698	TS. Nguyễn Như Tùng	2020
			PGS.TS. Hoàng Tiến Dũng	
			TS. Đỗ Đức Trung	
6	Modeling And Improvement of the Surface Roughness Model in Hole Turning Process 3x13 Stainless Steel by Using Johnson Transformation	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN(P): 2249-6890; ISSN(E): 2249-8001 Vol. 10, Issue 3	TS. Nguyễn Như Tùng	2020
			TS. Đỗ Đức Trung	
7	Development of the Surface Roughness Model in the Grinding Processes	Advances in Science, Technology and Engineering Systems Journal (ASTESJ), 5(5), 1184-1188	TS. Nguyễn Như Tùng	2020
			PGS.TS. Hoàng Tiến Dũng	
			TS. Đỗ Đức Trung	
8	Surface Roughness Prediction in CNC Hole Turning of 3X13 Steel using Support Vector Machine Algorithm	Tribology in Industry	TS. Đỗ Đức Trung	2020
			TS. Nguyễn Bá Nghiễn	
			ThS. Nguyễn Văn Cảnh	
			TS. Nguyễn Như Tùng	
			PGS.TS. Hoàng Tiến Dũng	
9	A Study on Prediction of Grinding Surface Roughness	In International Conference on Engineering Research and Applications, pp. 102-111. Springer, Cham	TS. Đỗ Đức Trung	2020
			TS. Nguyễn Như Tùng	
			PGS.TS. Hoàng Tiến Dũng	
			TS. Nguyễn Văn Thiện	
			TS. Trần Thị Hồng	
			TS. Trần Ngọc Giang	
			TS. Nguyễn Thanh Tú	
TS. Lê Xuân Hùng				
10	A study on the surface grinding process of the SUJ2 steel using CBN slotted grinding wheel	AIMS Materials Science, 2020, Volume 7, Issue 6: 871-886	TS. Nguyễn Như Tùng	2020
			TS. Đỗ Đức Trung	

11	Precision Cutting of the Ceramic Mold by the Micro-Milling Tool	Journal of Mechanical and Civil Engineering, Vol.17, pp.01-16, 2020	ThS. Phạm Văn Trinh	2020
			ThS. Nguyễn Minh Quang	
12	Influence of Cutting Parameters on Surface Roughness during Milling AISI 1045 Steel	Tribology in Industry	TS. Đỗ Đức Trung	2020
13	Prediction of Cutting Force When Surface Milling Using Face Milling Tool	In International Conference on Engineering Research and Applications, pp. 102-111. Springer, Cham	TS. Nguyễn Văn Thiện	2020
			TS. Đỗ Đức Trung	
			Vilaivanh Xaixavang	
			TS. Trần Thị Hồng	
			TS. Nguyễn Thanh Tú	
			TS. Trần Ngọc Giang	
14	Self-adjusting on-line cutting condition for high-speed milling process	Journal of Mechanical Science and Technology , Vol.34, Issue 8, pp. 3335 - 3343, August, 2020	PGS. TS. Hoàng Tiến Dũng	2020
			ThS. Nguyễn Quang Vinh	
			TS. Nguyễn Văn Cường	
			PGS.TS Trần Ngọc Hiền	
15	The study on surface grinding process of TI-6AL-4V alloy with resinoid cBN grinding wheel	International Journal of Modern Physics B, Vol. 34, No. 22n24, 2040135 (2020)	ThS. Phí Trọng Hùng	2020
			PGS.TS. Hoàng Tiến Dũng	
			TS. Nguyễn Kiên Trung	
			PGS.TS Trương Hoàn Sơn	
16	A prediction of Cutting Force, System Vibration, and Productivity in Five-Axis Milling Process of the Spiral Bevel Gear	Advances in Science, Technology and Engineering Systems Journal (ASTESJ), 5(5), 1184-1188	TS. Nguyễn Văn Thiện	2020
			PGS.TS. Hoàng Tiến Dũng	
			TS. Nguyễn Như Tùng	
			ThS. Nguyễn Văn Quê	

			TS. Đỗ Đức Trung	
			ThS. Phạm Thị Thiều Thoa	
17	Multi-objective optimization in titanium powder mixed electrical discharge machining process parameters for die steels	Alexandria Engineering Journal	TS. Nguyễn Hữu Phần	2020
18	Effect Of Low-Frequency Vibrations On Mrr, Ewr And Ra In Powder Mixed Electrical Discharge Machining	International Journal of Modern Physics B,	ThS. Lê Quang Dũng	2020
			TS. Nguyễn Hữu Phần	
			GS.TSKH. Bành Tiến Long	
			PGS.TS. Nguyễn Đức Toàn	
19	Effect Of Low-Frequency Vibrations On Mrr, Ewr And Ra In Powder Mixed Electrical Discharge Machining	International Journal of Modern Physics B,	ThS. Lê Quang Dũng	2020
			TS. Nguyễn Hữu Phần	
			GS.TSKH. Bành Tiến Long	
			PGS.TS. Nguyễn Đức Toàn	
20	Multi-Attribute Decision-Making In Edm Process Parameters With Low Frequency Vibration Using Taguchi - Topsis Approach	Silicon	TS. Nguyễn Hữu Phần	2020
			TS. T. Muthuramalingam	
21	Multi criteria decision making of vibration assisted EDM process parameters on machining silicon steel using Taguchi-DEAR methodology	Silicon	TS. Nguyễn Hữu Phần	2020
			TS. T. Muthuramalingam	
22	Influence of micro size titanium powders mixed dielectric medium on surface quality measures in EDM process	The International Journal of Advanced Manufacturing Technology	TS. Nguyễn Hữu Phần	2020
			TS. T. Muthuramalingam	
			TS. Ngô Ngọc Vũ	
			TS. Nguyễn Quốc Tuấn	
23	Experimental Investigation of White Layer Formation on Machining Silicon Steel in PMEDM Process	Silicon	TS. Nguyễn Hữu Phần	2020
			TS. T. Muthuramalingam	
			TS.T. Muthuramalingama	
			TS.Ravi Akash	

24	Surface quality measures analysis and optimization on machining titanium alloy using CO ₂ based laser beam drilling process	Journal of Manufacturing Processes	TS.Shravan Krishnan TS. Nguyễn Hữu Phần PGS.Vũ Ngọc Pi TS.Ammar H. Elsheikh	2020
25	Studying the Influences of Temperature to the Liquid Ejection and Nanodroplet Formation	International Journal of Nanoscience	TS. Nguyễn Văn Quảng GS. Jau-Wen Lin TS. Nguyễn Văn Thiện PGS. TS. Phạm Văn Đông PGS. TS. Phùng Xuân Sơn TS. Nguyễn Quốc Tuấn TS. Thái Văn Trọng	2020
26	Effective Investigation of Ejective Hole Sizes on Fluid Jets and Droplets	World Journal of Modelling and Simulation	TS. Nguyễn Văn Quảng	2020
27	Effects of Low Frequency Vibration Integrated with Workpiece on Quality Indicators in Wire Electrical Discharge Machining	International Research Journal of Advanced Engineering and Science, Volume 5, Issue 4, pp. 60-62, 2020.	ThS. Bùi Tiến Tài ThS. Nguyễn Đức Minh ThS. Nguyễn Đức Luận ThS. Trần Mạnh Thắng Kouangmanivanh Vilasak	2020
28	GEAR FAULT DIAGNOSIS BASED ON ADAPTIVE TIMEFREQUENCY FEATURE EXTRACTION	International Journal of Mechanical and Production Engineering Research and Development	PGS.TS Hoàng Long TS. Thái Văn Trọng TS. Nguyễn Tuấn Linh	2020
29	Nonlinearities Output-Feedback Adaptive Nonsingular Fast Terminal Sliding Mode Control for Redundant Parallel Manipulators	Proceeding of the IEEE International Conference on System Science and Engineering (ICSSE), pp. 1-5, Japan, 2020	TS. Nguyễn Văn Trường GS. Shun-Feng Su TS. Nguyễn Văn Thiện	2020

			TS. Nguyễn Xuân Thuận	
30	Conduction in 2-D and 3-D dimensional spherically-symmetric anisotropic-coating inclusion composites	International Journal of Engineering Science	TS. Nguyễn Văn Luật	2020
			GS. Phạm Đức Chính	
			TS. Nguyễn Trung Kiên	
31	A study on the vibrations in the external cylindrical grinding process of the alloy steels	International Journal of Modern Physics B	TS. Nguyễn Tuấn Linh	2020
			TS. Nguyễn Như Tùng	
			PGS.TS. Hoàng Long	
32	Multi-objective optimization the genetic algorithms for external cylindrical grinding process of 9CrSi alloy	International Journal of Modern Physics B	TS. Nguyễn Tuấn Linh	2020
			TS. Nguyễn Như Tùng	
			PGS.TS. Hoàng Long	
33	Study on minimizing impact when colliding between helmet frame and hard object flying at high speed	Technology Reports of Kansai University/Volume 62, Issue 06, July, 2020, 2685-2691	TS. Nguyễn Tuấn Linh	2020
			ThS. Nguyễn Hồng Tiến	
			TS. Nguyễn Văn Luật	
			ThS. Khuất Đức Dương	
			ThS. Nguyễn Văn Tuấn	
34	Research solution to reduce the impact of the force on the car frame when colliding	International Journal of Mechanical and Production Engineering Research and	TS. Nguyễn Tuấn Linh	2020
35	Method for Designing and Machining Air Compressor Screw Pairs	International Journal of Modern Physics B	PGS.TS. Hoàng Long	2020
			GS. Bành Tiến Long	
			TS. Nguyễn Tuấn Linh	
36	Optimization of surface roughness when external cylindrical grinding 9CrSi steel	Technology Reports of Kansai University/Volume 62, Issue 06, July, 2020, 2713-2720	TS. Nguyễn Văn Thiện	2020
			TS. Nguyễn Tuấn Linh	
37	Gear fault diagnosis based on adaptive time-frequency feature extraction and BSA-SVM method	International Journal of Mechanical and Production Engineering Research and Development/ Vol. 10, Issue 3, Jun 2020, 3111-	PGS.TS. Hoàng Long	2020
			TS. Thái Văn Trọng	

		3124	TS. Nguyễn Tuấn Linh	
38	RESEARCH, DESIGN AND MANUFACTURING OF THE SHEAR MODULUS G MEASURING APPARATUS OF MATERIALS	International Journal of Mechanical and Production Engineering Research and Development/Vol. 10, Issue 3, Jun 2020, 10429-10434	TS. Nguyễn Văn Thắng	2020
39	Multi-objective Optimization in Turning Operation of AISI 1055 Steel Using DEAR Method	Tribology in Industry Volume 42 Number 4 December 2020, DOI: 10.24874/ti.1006.11.20.01	TS. Nguyễn Hồng Sơn	2020
			TS. Võ Thị Như Uyên	
40	Polymer-Based Capacitive Micromachined Ultrasonic Transducers Applied to Identify Object	Proceedings of the 2019 International Conference on “Physics, Mechanics of New Materials and Their Applications”, page 341-349.	TS. Nguyễn Như Tùng	2019
			PGS.TS. Đỗ Anh Tuấn	
			TS. Bùi Gia Thịnh	
41	Overview On The Influence Of Parameters On The Surface Hardness Of Workpiece In Grinding Process	Journal of Multidisciplinary Engineering Science and Technology, Vol 7, No. 1, pp. 2458-9403	ThS. Đào Ngọc Hoàn	2020
			TS. Đỗ Đức Trung	
42	A Study on Prediction of Surface Roughness in a Milling Process	Journal of Multidisciplinary Engineering Science and Technology, Vol 7, No. 2, pp. 2458-9403	TS. Nguyễn Văn Thiện	2020
			TS. Đỗ Đức Trung	
			Vilaivanh Xaixavang	
			TS. Nguyễn Hồng Sơn	
43	Calculation of Residual Stress on the Surface Layer of Workpiece When Surface Grinding the Aisi 1018 Steel	Journal of Engineering and Applied Sciences, Vol. 15, No. 10, pp. 2229-2233	TS. Đỗ Đức Trung	2020
			TS. Nguyễn Như Tùng	
			PGS.TS. Hoàng Tiên Dũng	
			TS. Lê Hồng Kỳ	

44	A Study of Surface Roughness and Tool Wear When Milling C45 Steel With a Face Milling Cutter	Technology Reports of Kansai University, Vol. 62, No. 2, pp. 67-73	TS. Nguyễn Văn Thiện	2020
			TS. Đỗ Đức Trung	
45	Research on Improving Machining Productivity When External Cylindrical Grinding of 160Cr12Mo Steel	Universal Journal of Mechanical Engineering, Vol. 8, No. 1, pp. 34-40	TS. Đỗ Đức Trung	2020
			TS. Nguyễn Hồng Sơn	
			TS. Nguyễn Như Tùng	
46	Prediction of Surface Roughness When Surface Grinding C45 Steel Using CBN Grinding Wheel	Universal Journal of Mechanical Engineering, Vol. 8, No. 2, pp. 92-96	TS. Nguyễn Văn Thiện	2020
			TS. Đỗ Đức Trung	
			TS. Lê Hồng Kỳ	
			TS. Lê Hoàng Anh	
47	Deep Stacked Auto-Encoder Network Based Tool Wear Monitoring in the Face Milling Process	Strojniški vestnik - Journal of Mechanical Engineering, Vol. 66, No. 4, pp. 227-234	TS. Nguyễn Văn Thiện	2020
			TS. Nguyễn Việt Hùng	
			ThS. Phạm Văn Trinh	
48	An Integrated Auto-encoder Bottleneck Feature Representation and Optimized LSSVM Classification Model in Gear Fault Monitoring	Technology Reports of Kansai University, Vol. 62, No. 04, pp. 1579-1592	TS. Nguyễn Việt Hùng	2020
			PGS.TS. Hoàng Tiến Dũng	
			TS. Thái Văn Trọng	
			TS. Nguyễn Xuân Chung	
			ThS. Lê Nhu Trang	

49	An investigation and analysis of surface roughness and tool wear in dry pocket milling of Aluminum alloy A17075	International Journal of Mechanical and Production Engineering Research and Development, 2020	TS. Xuan Thai Tran	2020
			TS. Nguyen Trong Hai	
			TS. Nguyễn Như Tùng	
50	A Study on Influence of Milling Types and Cutting Conditions on Surface Roughness in Milling of Aluminum Alloy Al6061-T6	Universal Journal of Mechanical Engineering, 2020	TS. Nguyễn Như Tùng	2020
51	A Study in Development and Application of a Virtual Fuel Cell Test Platform	The International Journal of Engineering and Science (IJES)	ThS. Nguyễn Hoài Sơn	2020
			TS. Nguyễn Như Tùng	
52	Improve the Surface Roughness AISI 1045c Steel in High Speed Milling Process by using Anovaga - Base Optimization	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 10, Special Issue, Jun 2020, 174–183	PGS.TS. Hoàng Tiến Dũng ThS. Hoang Luyen Xuan	2020
53	Optimization of cutting parameters and cutter helix angle for Minimum Surface Roughness in Flat -end Milling of Al6061	Technology Reports of Kansai University	PGS.TS. Hoàng Tiến Dũng	2020
			TS. Nguyễn Như Tùng	
			TS. Đỗ Đức Trung	
			ThS. Nguyễn Văn Cảnh	
			ThS. Nguyễn Văn Quê	
			TS. Nguyễn Văn Luật	
			TS. Nguyễn Hữu Phần	
			TS. Nguyễn Việt Hùng	

54	A Combination Auto-encoder Feature Dimensional Reduction and Optimized BSOA-LSSVM Classifier in Gear Fault Identification	International Journal of Engineering Science and Computing (IJESC)	ThS. Phạm Văn Trinh	2020
			Th.S Nguyễn Đức Luận	
55	Optimal design of control device to reduce elevator ropes responses against earthquake excitation using Genetic Algorithms	Journal of Advanced Mechanical Design, Systems, and Manufacturing	TS. Nguyễn Xuân Thuận	2019
			TS. Nanako Miura	
			GS. Akira Sone	
56	Pyramidal Lucas-Kanade based non-contact breath motion detection	IEEE Transactions on Systems, Man, and Cybernetics: Systems, Vol. 50, No. 7, pp. 2659 - 2670	TS. Trần Quốc Việt	2020
			GS.TS. Shun-Feng Su	
			TS. Nguyễn Văn Trường	
57	Adaptive fuzzy tracking control of flexible-joint robots with full-state constraints	IEEE Transactions on Systems, Man, and Cybernetics: Systems, vol. 49, no. 11, pp. 2201-2209	TS. Wei Sun	2019
			GS.TS. Shun-Feng Su	
			GS.TS. Jianwei Xia	
			TS. Nguyễn Văn Trường	
58	Adaptive neural network controller-based chattering-free sliding mode for 6-DOF industrial manipulators	Proceeding of the IEEE International Conference on System Science and Engineering (ICSSE), pp. 75-80, Dong Hoi	ThS. M.C. Le	2019
			GS.TS. Shun-Feng Su	
			TS. Nguyễn Văn Trường	
			ThS. L.W. Chen	
			ThS. V.Y. Nguyen	

59	A Computational Comparative Study of the Lithium Diffusion in Amorphous Silicon Spheres, Rods, and Circular Disks	Journal of Electrochemical Energy Conversion and Storage, Vol. 18, pp. 1-13	GS. TS. Lê Minh Quý	2020
			TS. Nguyễn Hữu Tú	
			TS. Bùi Thanh Lâm	
60	Optimal design of double girder overhead crane with reliability	Technology Reports of Kansai University, Volume 62, Issue 04, April, 2020	TS. Nguyễn Tuấn Linh	2020
			TS. Nguyễn Văn Luật	
			ThS. Nguyễn Hồng Tiến	
61	Optimization of machining mode under external cylindrical grinding using T1 tool steel	International Journal of Mechanical and Production Engineering Research and Development Vol.10, Issue 2, Apr 2020, pg 1139-1146	TS. Nguyễn Tuấn Linh	2020
62	Application of TGRA-Based Optimisation for Machinability of High-Chromium Tool Steel in the EDM Process	Arabian Journal for Science and Engineering	TS. Nguyễn Hữu Phần	2020
			GS.TS. Bành Tiến Long	
			Khan Aqib Mashood	
			PGS.TS. Trần Đức Quý	
			PGS.TS. Phạm Văn Đông	
			T. Muthuramalingam	
			ThS. Nguyễn Văn Đức	
			PGS.TS. Nguyễn Đức Toàn	
			TS. Nguyễn Hữu Phần	

63	Optimizing process parameters in edm using low frequency vibration for material removal rate and surface roughness	Journal of King Saud University – Engineering Sciences	TS. Ngô Ngọc Vũ	2019
			TS. Nguyễn Quốc Tuấn	
64	Investigating the Influence of Ejection Diameter Size Parameter to Liquid Ejection by Molecular Dynamics Simulation Method	International Journal of Science and Research (IJSR)	TS. Nguyễn Văn Quảng	2020
			ThS. Nguyễn Trọng Lý	
65	Multi-objective Optimization of Process Parameters in EDM with LowFrequency Vibration by VIKOR Method	Journal of Scientific and Engineering Research, 2020, 7(3):47-51	ThS. Nguyễn Chí Tâm	2020
			ThS. Nguyễn Trọng Lý	
66	Study the microstructure and mechanical properties of vitrified bond Ti-coated CBN composites for grinding process	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)	ThS. Nguyễn Minh Quang	2020
			ThS. Phạm Văn Trinh	
			ThS. Lê Thị Phương Thanh	
67	Surface Roughness Model in Grinding	Technology Reports of Kansai University, Volume 62, Issue 03, April, 2020	TS. Nguyễn Hồng Sơn	2020
			TS. Võ Thị Như Uyên	
68	Effects of Learning by Doing on Formative and Summative Evaluation of Mechanical Engineering Students	Proceedings of the 1st International Conference on Innovation in Learning Instruction and Teaching Education – ILITE1, pp.518-532.	TS. Võ Thị Như Uyên	2019
69	Formation of Heterostructure with Appearance of α -Al Phase in Hyper- and Eutectic Al-Si Alloys by Solidification at High Rate	https://www.scientific.net trans tech publications	TS. Nguyễn Quốc Tuấn	2020
			GS.TS. Nguyễn Hồng Hải	
			ThS. Lê Minh Đức	
70	Method for polishing the surface of Ni-P-Coated SKD11 Steel	Proceeding of Irkutsk state technical University –Mechanical Engineering and	PGS. TS Phùng Xuân Sơn	2020

70	Method for polishing the surface of Ti-1 Coated SKD11 Steel	University -Mechanical Engineering and Machine Science	ThS. Vũ Thị Huệ	2020
71	A prediction Method of Dynamic Cutting Forces and Machine-Tool Vibrations when milling by using Ball-end mill cutter	The ICERA 2019 International Conference on Engineering Research and Applications, pp.47-54	TS. Nguyễn Như Tùng	2019
			GS. Yung-Chou Kao	
			TS. Hoàng Tiến Dũng	
			TS. Đỗ Đức Trung	
72	An Experimental Investigation of the Cutting Forces Coefficients in flat-end mill processes	The ICERA 2019 International Conference on Engineering Research and Applications	TS. Nguyễn Như Tùng	2019
			TS. Bùi Gia Thịnh	
			TS. Đỗ Anh Tuấn	
73	Pneumatically-driven Micropump Using Active Check-Valve for Liquid Transportation	The ICERA 2019 International Conference on Engineering Research and Applications	TS. Nguyễn Như Tùng	2019
			TS. Bùi Gia Thịnh	
			Jr-Lung Lin	
74	Prediction of Surface Roughness in Turning with Diamond Insert	The ICERA 2019 International Conference on Engineering Research and Applications	TS. Đỗ Đức Trung	2019
			TS. Nguyễn Như Tùng	
			TS. Nguyễn Hồng Sơn	
			PGS.TS. Trần Thị Hồng	
			TS. Nguyễn Văn Cường	
			ThS. Vũ Như Nguyệt	
			PGS.TS. Vũ Ngọc Pi	

75	Cutting Forces and Surface Roughness in Face-Milling of SKD61 Hard Steel	Strojnicki Vestnik/Journal of Mechanical Engineering 65.6 (2019)	TS. Hoàng Tiến Dũng	2019
			TS. Nguyễn Như Tùng	
			PGS.TS. Trần Đức Quý	
			TS. Nguyễn Văn Thiện	
76	Effects of the Die Inlet Angle and Axial Feed on Rotary Swaged Ti-6Al-4V Alloy Rods	Proceedings of the International Conference on Engineering Research and Applications, ICERA 2019, p.290-296	Dinh Xuan Ta	2019
			Van Thao Le	
			ThS. Nguyễn Văn Cảnh	
77	Application of Genetic Algorithm to Determine the Optimal Technical Data Domain of a Percussion Hammer with Acceleration ability of Dust Settling, Satisfying the Durability of Collecting Plate	Journal of Multidisciplinary Engineering Science and Technology	ThS. Nguyễn Tiến Sỹ	2019
			PGS.TS. Hoàng Văn Gọt	
			TS. Dương Văn Long	
			Hoàng Trung Kiên	
78	Big Vibration Data Diagnosis of Bearing Fault Base on Feature Representation of Autoencoder and Optimal LSSVM-CRO Classifier Model	2019 International Conference on System Science and Engineering (ICSSE), pp.557-563, July2019	TS. Nguyễn Việt Hùng	2019
			TS. Hoàng Tiến Dũng	
			TS. Thái Văn Trọng	
			TS. Nguyễn Xuân Chung	
79	Identification of Gear Fault Signal Based on Adaptive EMD Feature Extraction and Optimal GA-LSSVM Classification Model	2019 International Conference on Engineering Research and Applications (ICERA). pp.408-418. Dec2019	TS. Nguyễn Việt Hùng	2019
			TS. Hoàng Tiến Dũng	
			TS. Thái Văn Trọng	

			TS. Nguyễn Quốc Tuấn	
			TS. Nguyễn Xuân Chung	
80	Prediction of surface roughness in turning of 40Cr steel	American Journal of Engineering Research	TS. Đỗ Đức Trung	2019
			ThS. Vũ Như Nguyệt	
81	Research Method to Calculate Cutting Force when Longitudinal Feed Centerless Grinding	European Journal of Engineering Research and Science	TS. Đỗ Đức Trung	2019
			TS. Nguyễn Hồng Sơn	
			TS. Lê Hồng Kỳ	
			TS. Lê Hoàng Anh	
82	AN EXPERIMENTAL STUDY ON PREDICTION OF SURFACE ROUGHNESS IN GRINDING	International Journal of Mechanical and Production Engineering Research and Development	TS. Đỗ Đức Trung	2019
			TS. Nguyễn Hồng Sơn	
83	Comprehensive Study of Surface Roughness Model of Workpiece in Grinding Process	Journal of Multidisciplinary Engineering Science and Technology	TS. Đỗ Đức Trung	2019
			KS. Trần Thị Thu Hằng	
84	Investigation of The Effects of Cutting Parameters on Surface Roughness When Grinding 3X13 Steel using CBN Grinding Wheel	Journal of Multidisciplinary Engineering Science and Technology	TS. Đỗ Đức Trung	2019
			TS. Nguyễn Hồng Sơn	
85	A Study on Surface Roughness of Workpiece When Surface Grinding Using CBN Grinding Wheel	Journal of Multidisciplinary Engineering Science and Technology	TS. Đỗ Đức Trung	2019
			TS. Nguyễn Hồng Sơn	
			TS. Hoàng Tiến Dũng	

86	Influence of Lubricant Parameters on Surface Roughness of Workpiece When Grinding SKD11 Steel	Conference on Engineering Research and Applications, ICERA 2019, pp.436-447	TS. Đỗ Đức Trung TS. Nguyễn Văn Thiện TS. Lê Hồng Kỳ Kitikhammouse Sonphet	2019
87	Optimization of Manufacturing Time in Internal Grinding	Conference on Engineering Research and Applications, ICERA 2019, pp.557-565	TS. Lê Xuân Hưng TS. Lê Hồng Kỳ PGS.TS. Trần Thị Hồng TS. Nguyễn Văn Cường TS. Đỗ Đức Trung TS. Nguyễn Hữu Phán ThS. Lưu Anh Tùng PGS.TS. Vũ Ngọc Pi	2019
88	Optimization of Manufacturing Time in Surface Grinding	Conference on Engineering Research and Applications, ICERA 2019, pp.566-574	ThS. Lưu Anh Tùng PGS.TS. Trần Thị Hồng TS. Nguyễn Văn Cường TS. Lê Hồng Kỳ Muthiramaligam	2019

			TS. Đỗ Đức Trung	
			TS. Lê Xuân Hưng	
			PGS.TS. Vũ Ngọc Pi	
89	Optimisation of high-speed milling process parameters using statistical and soft computing methods	Maejo International Journal of Science and Technology	PGS.TS. Trần Ngọc Hiền	2019
			TS. Hoàng Tiến Dũng	
			TS. Đặng Xuân Phương	
90	Development of a Smart Cyber-Physical Manufacturing System in the Industry 4.0 Context	Applied Sciences (Switzerland)	PGS.TS. Trần Ngọc Hiền	2019
			GS. Hong-Seok Park	
			ThS. Nguyễn Quang Vinh	
			TS. Hoàng Tiến Dũng	
91	Optimization cutting parameters when grinding IIIX15 steels using Hai Duong grinding wheel	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	TS. Hoàng Tiến Dũng	2019
			TS. Đỗ Đức Trung	
			TS. Nguyễn Văn Thiện	
			TS. Nguyễn Như Tùng	
			TS. Ngô Cường	
92	Study of the Effects of process Parameters on toll wear rate in Electrical Discharge Machining by Taguchi Method.	International Tournal of Trend in Scientific Reseach and Development (ijtsrd), Vol.4, Issue 6, october 2019.	ThS. Bùi Tiến Tài	2019
			ThS. Nguyễn Đức Minh	

93	Multi-objective optimization of process parameter in EDM using low-frequency vibration of workpiece assigned for SKD61	Sādhanā, Vol.44, Issue 211; Septemer, 2019	TS. Nguyễn Hữu Phần	2019
			GS.TS. Bành Tiến Long	
			PGS.TS. Trần Đức Quý	
			PGS.TS. Phạm Văn Đông	
			TS. Nguyễn Xuân Chung	
			TS. Nguyễn Văn Thiện	
			ThS. Nguyễn Đức Luận	
			TS. MUHAMMAD JAMIL	
			TS. AQIB MASHOOD KHAN	
94	Experimental Investigation of White Layer Thickness on EDM Processed Silicon Steel Using ANFIS Approach	Silicon, https://doi.org/10.1007/s12633-019-00287-2 , November, 2019	TS. Nguyễn Hữu Phần	2019
			TS. T. Muthuramalingam	
			TS. D. Saravanakumar	
			TS. L. Ganesh Babu	
			PGS.TS. Vu Ngoc Pi	
95	Multi-Criteria Decision Making Using Preferential Selection Index in Titanium based Die-Sinking PMEDM	J. Korean Soc. Precis. Eng., Vol. 36, No. 9, September 2019	TS. Nguyễn Hữu Phần	2019
			GS.TS. Bành Tiến Long	
			ThS. Lê Quang Dũng	

			PGS.TS. Nguyễn Đức Toàn	
			TS. T. Muthuramalingam	
96	Study on Effects of Low Frequency Vibration on Efficiency of Die Sinking Electrical Discharge Machining	Universal Journal of Mechanical Engineering 7(6): 330-335, 2019	TS. Nguyễn Hữu Phần	2019
			TS. Ngô Ngọc Vũ	
97	Single objective optimization of die- sinking electrical discharge machining with low frequency vibration assigned on workpiece by taguchi method	Journal of King Saud University - Engineering Sciences, https://doi.org/10.1016/j.jksues.2019.11.001 , 2019	TS. Nguyễn Hữu Phần	2019
			PGS.TS. Phạm Văn Đông	
98	Influence of Carbide Content on the Adhesion and Microscopic Hardness of Plasma Spray Cr3C2-NiCr Coating on 16Mn Steel	Chemical and Materials Engineering 7(3): 25-31, 2019	TS. Nguyễn Hữu Phần	2019
			ThS. Đặng XuânThao	
			PGS.TS. Hoàng Văn Gọt	
			PGS.TS. Phạm Đức Cường	
99	Multi-responses optimization of Process Parameters in Die-Sinking EDM Process on SKD11 Steel Using PSI Based Taguchi Method	Proceedings of the International Conference on Engineering Research and Applications, ICERA 2019. pp. 493–499	TS. Nguyễn Hữu Phần	2019
			ThS. Nguyễn Văn Đức	
			PGS.TS. Phạm Văn Bồng	
			TS. T. Muthuramalingam	
			PGS.TS. Vu Ngoc Pi	
			TS. Lê Xuân Hưng	
			ThS. Nguyễn Đình Khải	

			PGS.TS. Bành Tiến Long	
			TS. T. Muthuramalingam	
			TS. Lê Quang Dũng	
100	A Study on Optimization of Manufacturing Time in External Cylindrical Grinding	Proceedings of the International Conference on Engineering Research and Applications, ICERA 2019. pp. 121–130	ThS. Lưu Anh Tùng	2019
			TS. T. Muthuramalingam	
			PGS.TS. Vu Ngọc Pi	
			TS. Lê Xuân Hưng	
			TS. Trần Thị Hồng	
			PGS.TS. Nguyễn Văn Cường	
			TS. Nguyễn Hữu Phần	
			TS. Lê Hồng Kỳ	
101	Taguchi Based Process Parameters Optimization in Vibration Assisted Die Sinking Electrical Discharge Machining	Proceedings of the International Conference on Engineering Research and Applications, ICERA 2019. pp. 121–130	TS. Nguyễn Hữu Phần	2019
			Ths. Nguyễn Đình Khải	
			GS.TSKH.Bành Tiến Long	
			TS. T. Muthuramalingam	
			PGS. Vu Ngọc Pi	
			TS. Lê Xuân Hưng	

			Ths.Lê Quang Dũng	
102	Application of compressed air in the online monitoring of surface roughness and grinding wheel wear when grinding Ti-6Al-4V titanium alloy	The International Journal of Advanced Manufacturing Technology April 2019, Volume 101, Issue 5–8, pp 1315–1331	GS.TS. Yin Shaohui ThS. Nguyễn Duy Trinh PGS.TS. FengJun Chen TS. Tang Qingchun TS. Lê Anh Đức	2019
103	Productivity of flap wheel grinding after shot peening	PROCEEDINGS OF IRKUTSK STATE TECHNICAL UNIVERSITY 2019;23(5):874–883	PGS.TS Phùng Xuân Sơn Vladimir P. Koltsov Daria A. Starodubtseva Le Tri Vinh	2019
104	Adaptive Position/Force control for robot manipulators using force and velocity observer	Journal of electrical engineering and technology, Vol.14, Issue 6, pp.2575-2582, November 2019	ThS. Đào Minh Tuấn TS. Phan Đình Hiếu	2019
105	Adaptive neural network based dynamic surface control for uncertain dual arm robots	International Journal of Dynamics and Control, 1-11	TS. Bùi Thanh Lâm Lê Xuân Hải Nguyễn Trường Giang Cao Tân Minh Phạm Việt Hưng	2019

			Dao Minh Hien	
			Phung The Tai	
			Pham Hai Quan	
106	Adaptive Nonsingular Fast Terminal Sliding Mode Tracking Control for Parallel Manipulators with Uncertainties	2019 International Conference on System Science and Engineering (ICSSE)	TS. Nguyễn Văn Trường	2019
			Shun-Feng Su	
			TS. Nguyễn Anh Tú	
			TS. Nguyễn Văn Thiện	
107	Strengthening the marine environment protection and sustainable development	The 18 th ASIA Maritime & Fisheries Universities Forum 2019 (AMFUF), 387-403	ThS. Hoàng Thị Thu	2019
108	Die steel surface layer quality improvement in titanium μ -powder mixed die sinking electrical discharge machining	The International Journal of Advanced Manufacturing Technology, Vol.89, Issue9-12, pp.1179–1198, 2018	DucToan Nguyen	2019
			HuuPhan Nguyen	
			TienLong Banh	
109	An architecture of deep learning network based on ensemble empirical mode decomposition in precise identification of bearing vibration signal	Journal of Mechanical Science and Technology Vol. 33(1), pp. 41-50	VietHung Nguyen	2019
			Prof. Cheng Jun Sheng	
			Prof. Yang Yu	
			VanTrong Thai	
110	Optimizing SVM's parameters based on Backtracking search	Journal of Vibroengineering, Vol. 21, Issue	VanTrong Thai	2019
			GS. Cheng JunSheng	

110	optimization algorithm for gear fault diagnosis	1, p. 66-81, 2019	VietHung Nguyen ThiPhuongAnh Dao	2019
111	Fused feature representation based on bottleneck sparse autoencoder for multi-source data in gear fault diagnosis	The International Journal of Engineering and Science, Vol. 7, Issue 12 Ver.II, PP 01-08, 2019	VanTrong Thai GS. Cheng JunSheng VietHung Nguyen DuyTrinh Nguyen ThiPhuongAnh Dao	2019
112	Adaptive PD networks tracking control with full-state constraints for parallel manipulators	17th World Congress of International Fuzzy Systems Association and 9th International Conference on Soft Computing and Intelligent Systems (IFSA-SCIS), Japan	VanTruong Nguyen GS. Chyi-Yeu Lin GS. Shun-Feng Su Ngoc-Quan Nguyen Quoc-Viet Tran	2018
113	Real time human tracking using improved cam-shift	17th World Congress of International Fuzzy Systems Association and 9th International Conference on Soft Computing and Intelligent Systems (IFSA-SCIS), Japan	Ngoc-Quan Nguyen GS. Shun-Feng Su Quoc-Viet Tran VanTruong Nguyen GS. Jin-Tsong Jeng	2018

114	Real-time non-contact breath detection from video using adaboost and lucas-kanade algorithm	17th World Congress of International Fuzzy Systems Association and 9th International Conference on Soft Computing and Intelligent Systems (IFSA-SCIS), Japan	NgocQuan Nguyen	2018
			GS. Shun-Feng Su	
			QuocViet Tran	
			VanTruong Nguyen	
			ThS. Jin-Tsong Jeng	
115	Real-time object recognition and camera pose estimation	18th International Symposium on Advanced Intelligent Systems (ISIS), Korea	QuocViet Tran	2018
			GS. Shun-Feng Su	
			GS. Chen-Chia Chuang	
			VanTruong Nguyen	
			NgocQuan Nguyen	
116	Adaptive Position/Force control for robot manipulators using force and velocity observer	Journal of Control, Automation and Electrical Systems	DinhHieu Phan	
			MinhTuan Dao	
			VanCuong Pham	
117	Effective conductivity of isotropic with Kapitza thermal resistance	Vietnam Journal of Mechanics, ISBN:0866-7136, pp 377-385	VanLuat Nguyen	2018
			TrungKien Nguyen	
			DucChinh Pham	
			TS. Samuel Hémerly	

118	Influence of Microtexture on Early Plastic Slip Activity in Ti-6Al-4V Polycrystals	Metallurgical and Materials Transactions A, Volume 49, Issue 6, June 2018, pp 2048–2056	VanTruong Dang	2018
			TS. Loïc Signor	
			GS. Patrick Villechaise	
119	Taguchi optimization of multi-objective powder mixed electrical discharge machining using titanium powder by Topsis method	The First International Conference on Material, Machines and Methods for Sustainable Development - MMMS2018, p166-174	HuuPhan Nguyen	2018
			TienLong Banh	
			DucQuy Tran	
			VanDong Pham	
120	Separation criteria of nanoscale water droplets from a nozzle plate surface	MATEC Web of Conferences, Volume 169, Article Number: 01016, PP: 00-13, 2018	VanQuang Nguyen	2018
			Jau-Wen Lin	
			XuanSon Phung	
121	Some Results on the Factor of the Surface Details When Turning C40 Steel Current	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), Volume 15, Issue 3, pp.21-25	VanTrinh Pham	2018
122	Investigation of the Effects of Technological Parameters on Surface Roughness in Extrusion Bars of Aluminum Alloy	First International Conference on Material, Machines and Methods for Sustainable Development - MMMS2018. Vol 2, pp.990-995	TrongMai Nguyen	2018
			DucQuy Tran	
			VanNghe Pham	
			VanCanh Nguyen	
123	Predictive Surface Roughness of Workpiece in Cylindrical Grinding	The first international conference on material, machines and methods for sustainable development, Vol 2, pp.831-837	DucTrung Do	2018
			XuanSon Phung	

124	Calculating Cutting Force in Grinding	The first international conference on material, machines and methods for sustainable development, Vol 2, pp. 918-923	DucTrung Do	2018
			VanThien Nguyen	
			TienDung Hoang	
			XuanSon Phung	
125	A study on the effect of Ti target poisoning to TiN coating deposited by a DC magnetron sputtering	Proc The first international conference on material, machines and methods for sustainable development, VOL 1, 2018, 144-149 ISBN: 978-604-95-0502-7	QuangDinh Nguyen	2018
			DucQuy Tran	
			ChiBao Nguyen	
			DucCuong Pham	
126	Determine the ram speed and billet temperature to ensure the simultaneous two indicators surface roughness and extrusion pressure when extruding aluminum alloy	International Conference on Engineering Research and Applications, ICERA 2018, LNNS 63, pp. 253-260	TrongMai Nguyen	2018
			DucQuy Tran	
			VanNghe Pham	
			DoDuc Trung	
127	A Study on Calculation of Surface Roughness in External Plunge Centerless Grinding Process in External Plunge Centerless Grinding Process	Sylwan journal, Vol 162, Issue 8, pp. 56-60	DoDuc Trung	2018
			VanThien Nguyen	
			TienDung Hoang	
128	A Study on Calculating Grinding Temperature	International Conference on Engineering Research and Applications, ICERA 2018	DucTrung Do	2018
			VanThien Nguyen	

128	A Study on Calculating Grinding Temperature	Research and Applications, ICERA 2016, LNNS 63, pp84-90	TienDung Hoang QuocHung Tran	2016
129	Determine cutting force after surface roughness measurement in grinding	International Conference on Engineering Research and Applications, ICERA 2018, LNNS 63, pp. 246–252	DucTrung Do DinhMan Nguyen XuanSon Phung	2018
130	An Experimental Investigation of dynamic cutting Forces in the stable milling processes	International Conference on Engineering Research and Applications	NhuTung Nguyen GS. Yung-Chou Kao GiaThinh Bui Quan Nguyen QuocManh Nguyen TheVinh Do	2018
131	Application of TOPSIS to Taguchi method for multi-characteristic optimization of electrical discharge machining with titanium powder mixed into dielectric fluid	The International Journal of Advanced Manufacturing Technology, Vol.8, Issue3-5, pp.1179–1198, 2018	HuuPhan Nguyen VanDong Pham NgocVu Ngo	2018
132	ANALYSIS OF SURFACE LAYERS OF HOT – FORGING DIES OF SKD61 STEEL FABRICATED BY DIE – SINKING ELECTRICAL DISCHARGE MACHINING USING COPPER AND TITANIUM ELECTRODES	Journal of Science and Technology 54 (5A) (2016) 19-26	HuuPhan Nguyen Cuong Ngo TienLong Banh	2018

133	Step-by-step surface roughness formation during shot peening and subsequent grinding with flap wheels	International Conference on Aviaemechanical Engineering and Transport (AviaENT 2018). Advances in Engineering Research, volume 158	XuanSon Phung	2018
			Koltsov Vladimir/Irkutsk, Russia	
			Starodubtseva Daria/Irkutsk, Russia	
			Le Tri Vinh/Irkutsk, Russia	
134	Online monitoring of surface roughness and grinding wheel wear when grinding Ti-6Al-4V titanium alloy using ANFIS-GPR hybrid algorithm and Taguchi analysis	Precision Engineering	DuyTrinh Nguyen	2018
			XuanSon Phung	
			AnhDuc Le	
			Yin Shaohui	
			Qingchun Tang	
135	A new method for online monitoring when grinding Ti-6Al-4V alloy	The International Journal of Advanced Manufacturing Technology	DuyTrinh Nguyen	2018
			XuanSon Phung	
			Yin Shaohui	
			AnhDuc Le	
			NhatTan Nguyen	
136	Application of compressed air in the online monitoring of surface roughness and grinding wheel wear when grinding Ti-6Al-4V titanium alloy	The International Journal of Advanced Manufacturing Technology	DuyTrinh Nguyen	2018
			Yin Shaohui	
			FengJun Chen	

	0.2174 v titanium alloy		Qingchun Tang	
			AnhDuc Le	
137	Harvesting mechanical energy, storage, and lighting using a novel PDMS based triboelectric generator with inclined wall arrays and micro-topping structure	Applied Energy, Vol. 213, pp.353-365	VanLong Trinh	2018
			GS.TS. C.K. Chung	
138	A Facile Method and Novel Mechanism Using Microneedle Structured PDMS for Triboelectric Generator Applications	Small, Vol. 13, pp.1-11, Issue 29	VanLong Trinh	2017
			GS.TS. Chen-Kuei Chung	
139	Characteristics optimization of powder mixed electric discharge machining using titanium powder for die steel materials	Proc IMechE Part E: J Process Mechanical Engineering 2017, 0(0) 1–18	TienLong Banh	2017
			HuuPhan Nguyen	
			Cuong Ngo	
			DucToan Nguyen	
140	POLARIZATION APPROXIMATIONS FOR ELASTIC MODULI OF ISOTROPIC MULTICOMPONENT MATERIALS	JOURNAL OF MECHANICS OF MATERIALS AND STRUCTURES Vol. 12, No. 4, 2017, page 391 - 406	DucTrinh Pham	2017
			NguyenQuyet Tran	
			AnhBinh Tran	
141	A study on surface modificatin for tribological application in MEMS	Proceedings of the 2017 International Conference of Systems Science and Engineering (ICSSE 2017), pp. 1-4	DucCuong Pham.	2017
			DucQuy Tran	
			Eui-Sung Yoon	

142	Evaluation of Measurement Uncertainty for Torque Standard Machine Using Air Rotary Bearing.	Applied Mechanics and Materials (AMM), Vol.870, pp.215-222.	VanDuy Vu	2017
			ToanThang Vu	
			VanHung Pham	
143	Multi-objective optimization of improved magnetic abrasive finishing of multi-curved surfaces made of SUS202 material	Int J Adv Manuf Technol (2017) 88:381 – 391 DOI 10.1007/s00170-016-8773-3	NhatTan Nguyen	2017
			TrongNhan Tran	
			GS. Shaohui Yin	
			MinhQuang Châu	
			DucHieu Le	
144	Energy absorption characteristics of sandwich structures with composite sheets and bio coconut core	Composites Part B: Engineering Volume 114, 1 April 2017, Pages 328-338	ThS. Liu Tai Qu	2017
			GS.TS. Hou Shu Quan	
			XuanTruong Nguyen	
			GS.TSKH. Han Xu	
145	Effects of various defects on the mechanical properties of black phosphorene	Superlattices and Microstructures journal, pp. 186-199. Homepage: www.elsevier.com/locate/superlattices	DanhTruong Nguyen	2017
			MinhQuy Le	
			ThanhLam Bui.	
146	Study on the Development of AlN Particles Synthesized by Gas/Liquid Reaction In Situ	2017 Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/KEM.753.71 ISSN: 1662-9795, Vol. 753, pp 71-77	HongHai Nguyen.	2017
			QuocTuan Nguyen.	

147	Surface Layer Analysis of Hot-Forging Dies After Die-Sinking Electrical Discharge Machining Using Copper and Titanium Electrodes	Engineering and Technology; 4(6). Tr. 70-75.	HuuPhan Nguyen	2017
			VanDong Pham	
			XuanSon Phung.	
148	Experimental Investigation of Surface Roughness of SKD11 Die Steel during Die- Sinking EDM Process using Copper Electrode	Journal of Chemical and Pharmaceutical Research, 9(10), Tr. 59-69	HuuPhan Nguyen	2017
			VanDuc Nguyen	
			VanBong Pham	
149	Investigation of A5052 aluminum alloy to SS400 steel by mig welding process	Proceedings of Scientific Committee of the InternationalConference on Advances in Computational Mechanics, Acome 2017 ISBN 978-981-10-7148-5 DOI:10.1007/978-981-10-7149-2	ThiMinhHue Pham	2017
			VanThinh Nguyen	
			QuocManh Nguyen	
			ThiHuongThao Dang	
			KhacThong Nguyen	
			GS.Chour Huang, Shyh-	
			VanNhat Nguyen	
150	Predictive Surface Roughness of Workpiece in Surface Grinding	American Journal of Materials Research 2017; 4(6): 37-41	DucTrung Do	2017
			VanThien Nguyen	
			TienDung Hoang	

151	Application of the 5-dof robot for grinding the cutting blade of the curved-tip medical surgical scissor	American Journal of Engineering Research, Volume-6, Issue-8, pp-103-111	BuiKhoi Phan	2017
			VanTham Le	
			NgocTuyen Bui	
			DucTrung Do	
152	An integrated generalized discriminant analysis method and chemical reaction support vector machine model (GDA-CRSVM) for bearing fault diagnosis	Advances in Production Engineering & Management Vol. 12(4), pp. 321-326	VietHung Nguyen	2017
			Prof. Cheng Jun Sheng	
			VanTrong Thai	
153	Identification of Bearing Fault Signal based on Adaptive Feature Extraction and Optimal ACROSVKF Classification Model	International Journal of Engineering Science and Computing Vol. 7(12), pp. 15739-15749	VietHung Nguyen	2017
			Prof. Cheng Jun Sheng	
			VanTrong Thai	
			XuanChung Nguyen	
154	Multi - Objective Optimization of Centerless Grinding Process for 20X - Carbon Infiltration Steel By Genetic And Generalized Reduced Gradient Algorithms	American Journal of Engineering Research, Volume-6, Issue-1, pp 91-96	DucTrung Do Cuong Ngo DinhMan Nguyen QuocTuan Nguyen BuiKhoi Phan	2017
155	Implement a Modified Viscoplasticity Based on Overstress Model into Numerical Simulation of the Incremental Sheet Forming Process	AETA: Recent Advances in Electrical Engineering and Related Sciences – Springer, PP	ThiMinhHue Pham VanSy Le	2016
156	Surface quality analysis of die steels in powder-mixed electrical	Advances in Mechanical Engineering 2016, Vol. 8(7) 1–13	TienLong Banh HuuPhan Nguyen Cuong Ngo DucToan Nguyen	2016

157	Atomistic simulation of free transverse vibration of graphene, hexagonal SiC, and BN nanosheets	Institute of Mechanics, Chinese Academy of Sciences and Springer-Verlag Berlin Heidelberg 2016	ThanhLam Bui DanhTruong Nguyen HaiLe Bui MinhQuy Le	2016
158	Investigation of temperature effects on nanoscale water droplet separation from a nozzle plate and impingement onto a fixed solid plate	Simulation: Transactions of the Society for Modeling and Simulation International 1-9	VanQuang Nguyen	2016
			Jaw-Wen Lin	
159	Analysis on the Formation AlN Particles via Gas/Liquid Reation <i>in-situ</i>	International Journal of the Energy Technology and Advanced Engineering (11-2016)	HongHai Nguyen QuocTuan Nguyen	2016
160	A Study on Toolpath Optimization for Face Milling Operation on CNC Machine to Improve Flatness of Wide Surface	Journal of Science and Technology, 112 (2016) 034-038.	AnhTu Nguyen	2016
161	In-process Measurement of grinding wheel wear by using compressed air.	ICAT 2005; Số 028	XuanSon Phung VanDien Hoang VietTiep Nguyen VanDich Tran	2005
162	Effects of gas injection on Microstructure formation and Mechanical properties of A380 aluminum alloy	Hội nghị đúc Châu á lần thứ 13. The 13th Asian Foundry Congress (AFC-13)	QuocTuan Nguyen HongHai Nguyen HongNhungs Nguyen	2015
163	A study on friction and wear properties of Si-incorporated diamond-like carbon and tungsten carbon carbide coating under dry contacts with steel	The 15 th International symposium on Eco-materials Processing and Design	DucQuy Tran DucCuong Pham QuangDinh Nguyen Kim Doo-in	2015

164	Micro/nano hierarchical structure for enhancing hydrophobicity of polymeric surface	The 15 th International symposium on Eco-materials Processing and Design	DucQuy Tran DucCuong Pham TienSon Bui QuangDinh Nguyen Yoon Eui-Sung	2015
165	A Self-optimizing Control for Intelligent CNC Machine Tools	The 7th AUN/SEED-Net Regional conference in mechanical and manufacturing engineering, trang 141-145.	TienDung Hoang NgocHien Tran HuyNinh Nguyen Park Hong Seok	2015
166	Optimizing cutting conditions in high speed milling using evolution algorithms	The 7th AUN/SEED-Net Regional conference in mechanical and manufacturing engineering, trang 146-150	TienDung Hoang NgocHien Tran HuyNinh Nguyen VanDich Tran ThanhBinh Nguyen	2015
167	Design and Manufacturing the Air Rotary Bearing Using In Standard Torque Machine	ISEPD 2014; ISBN 978-89-5708-236-2	VanDuy Vu - Same Author	2015
168	Effect of fabrication parameters on micro-structure and mechanical properties of CrN coating deposited on steel by a pulsed magnetron	Proceeding of 70th STLE Annual Meeting & Exhibition, Texas, USA	DucCuong Pham DucQuy Tran VanDua Tran HongTuan Pham	2015
169	Control of Structural Acoustic Radiation Based on Topography Optimization	Journal of Automation and Control Engineering Vol. 3, No. 3, June 2015	KhacTrung Chu	2015
170	Acoustic radiation analysis of topographically optimized structure using the direct boundary element method	Advances in Mechanical Engineering 2015, Vol. 7(5) 1–12 □The Author(s) 2015 DOI: 10.1177/1687814015584279 aime.sagepub.com	KhacTrung Chu	2015
171	A numerical study on the underwater explosion bubble pulsation and collapse process.	Ocean Engineering Journal, Vol. 81, pp 29-38.	AnhTu Nguyen	2014

172	Study the stress in the pile driven in two layers foundation base	Energy Education Science and Technology Part A: Energy Science and Research	ChiCong Truong	2014
173	Bounds on the ranges of the conductive and elastic properties of randomly inhomogeneous materials	Philosophical Magazine	VanLuat Nguyen	2013
174	A numerical study on high-speed water jet impact.	Ocean Engineering Journal, Vol. 72, pp 98-106. ISSN: 0029-8018.	AnhTu Nguyen	2013
175	A numerical study of underwater explosion bubble.	Advanced Material Research. Vols. 706-708, pp 1734-1737. ISSN: 1662-8985.	AnhTu Nguyen	2013
176	Damage study of a surface ship under the process of underwater explosion bubble collapse and jet impact.	SNAME 25th Conference, Chengkung, Mar. 16-17, 2013.	AnhTu Nguyen	2013
177	Study the coefficient of energy transfer from hammer to pile driven in two layers foundation base, pile bearing side friction q_1 # q_2 pile bottom encounters constant resistance	Applied Mechanics and Materials	ChiCong Truong	2013
178	Study of vibration energy of the pile driven in two layers foundation base, pile bearing side friction q_1 # q_2 pile bottom encounters constant resistance	Applied Mechanics and Materials	ChiCong Truong	2013
179	A numerical study of the impact of high-speed water jet.	SNAME 24th Conference, Taipei, Mar. 10-11, 2012.	AnhTu Nguyen	2012

180	A study of the dynamic response of an aluminum plate due to the water jet impact.	SNAME 23th Conference, Kaoshung, Mar. 7-8, 2011.	AnhTu Nguyen	2011
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